

PROFESSIONAL TRAINING REPORT
at
Sathyabama Institute of Science and Technology
(Deemed to be University)

Submitted in partial fulfillment of the requirements for the award of Bachelor of Technology
Degree in Information Technology

By
Sharin Sathiq
Registration No.: 39120108



**DEPARTMENT OF INFORMATION
TECHNOLOGY SCHOOL OF COMPUTING
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY**

**JEPPIAR NAGAR, RAJIV GANDHI
SALAI, CHENNAI-600119, TAMIL NADU**

APRIL 2022



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)
Accredited with Grade “A” by NAAC

(Established under Section 3 of UGC Act, 1956)

JEPPIAAR NAGAR, RAJIV GANDHI

SALAI CHENNAI– 600119

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DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of **Sharin Sathiq (Reg. No: 39120108)** who carried out the project entitled “**TUFIDCO SCHEMES**” under my supervision from DEC(13-12-2021) to currently pursuing.

Internal Guide

Head of the Department

Submitted for Viva Voce Examination held on _____

Internal Examiner

External Examiner

DECLARATION

I, **Sharin Sathiq** hereby declare that the Internship Titled entitled “**TUFIDCO SCHEMES**” completed by me under the guidance of **Dr. S. Murugan and Dr. J. Albert Mayan, Dr.G.Madhivanan** is submitted in partial fulfilment of the requirements for the award of Bachelor in Technology Degree in Information Technology.

DATE:

Sharin Sathiq

PLACE:

DIGITAL SIGNATURE OF CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to **Board of Management** at **SATHYABAMA** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them. I convey my thanks to **Dr. T. Sasikala M.E., Ph.D, Dean, School of Computing, Dr. R. Subhashini, M.E., Ph.D. Head of the Department of Information Technology** for providing me necessary support and details at the right time during the progressive reviews. I would like to express my sincere and deep sense of gratitude to my Project Guide **Dr.G.Mathivanan**, for her valuable guidance, suggestions and constant encouragement that paved the way for the successful completion of my project work. I wish to express my thanks to all teaching and non-teaching staff members of the **Department of Information Technology** who were helpful in many ways throughout the completion of the project .

INTERNSHIP BONAFIDE CERTIFICATE



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06th January, 2021

From
Dr. L. Lakshmanan
Professor & Head of the Department
Department of Computer Science and Engineering
School of Computing
Sathyabama Institute of Science and Technology
Jeppiaar Nagar, Rajiv Gandhi Salai, Chemmencherry,
Chennai – 600119
Tamilnadu.

To
The Additional chief secretary/ The Chairman and Managing Director
Tamil Nadu Urban Finance and Infrastructure Development Corporation Ltd (TUFIDCO)
490/1-2, Anna Salai, Nandavanam,
Chennai – 600035
Tamilnadu.
Respected Sir,

Ref.: SIST-CSE/INT/2021/204 dt. 06th December, 2021

Sub: Permission Request for Internship at Tamil Nadu Urban Finance and Infrastructure Development Corporation Ltd (TUFIDCO) – Reg.

The following are the bonafide students of School of Computing, Sathyabama Institute of Science and Technology. It is part of the curriculum that every student has to undergo Internship during the period of study and these students are willing to undergo project internship at Tamil Nadu Urban Finance and Infrastructure Development Corporation Ltd (TUFIDCO) under the guidance of Dr S. Murugan and Dr J. Albert Mayan Professors, Department of Computer Science and Engineering.

NAME	Register No	Department	Year
VIVEK KRISHNA	39111110	B.E CSE	THIRD
ARYAN BHATT	39110087	B.E CSE	THIRD
ABHINAV KUMAR	39120003	B.TECH IT	THIRD
HEMALATHA.V	39120038	B.TECH IT	THIRD
SHARIN SATHIQ	39120108	B.TECH IT	THIRD
HARIKRISHNA K	39110368	B.E CSE	THIRD

The period of internship will be from December 2021 till the completion of the project. Kindly do the needful. We look forward to hear from you.

Thanking you

Enclosure:
Biodata of students.



Yours Sincerely,

Dr L LAKSHMANAN

Dr. L. LAKSHMANAN., M.E., Ph.D,
Professor and Head,
Dept. of CSE,
Sathyabama Institute of Science and Technology,
Chennai, India.

ABSTRACT

TUFIDCOSCHEMES is a tufidco company website that is government organization who release funds for Urban local bodies (ULBs). This website provides a solution of Schemes that is KNMT and Singara Chennai 2.0. This website provides a solution using Python Framework like Django and HTML, CSS and JavaScript and database like Postgres.

This website provides all the information about the funds that is released for the ULBS like funds for library , roads , Bus Stands ,Street Light etc..., DGM is the head of this website and is Governed by the Chief Secretary of Tamil Nadu.

There are different login ids for different official person and ULBs. They can see their dashboard as well as they can upload their work.

This website has permission functionalities that is monitored by Admin who has authority to give the permission to the only that part that has required for the person.

For e.g ULB's can only update the bank details and PAN details at only once for further if they want any change then they have to contact with Admin of the website .

Website is fully dynamic and has real time data values and is Hosted in open platform AWS.

Till now more than 6000 people has visited this website.

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CHAPTER 1

INTRODUCTION

1.1 ABOUT THE CONCEPT

Django is an extremely popular and fully featured server-side web framework, written in Python. This module shows you why Django is one of the most popular web server frameworks, how to set up a development environment, and how to start using it to create your own web applications.

Prerequisites

Before starting this module you don't need to have any knowledge of Django. Ideally, you would need to understand what server-side web programming and web frameworks are by reading the topics in our Server-side website programming first steps module. A general knowledge of programming concepts and Python is recommended, but is not essential to understanding the core concepts.

The Model Layer

Django provides an abstraction layer (the “models”) for structuring and manipulating the data of your web application. Learn more about it below:

- Models: Introduction to models | Field types | Indexes | Meta options | Model class.
- Query Sets: Making queries | Query Set method reference | Lookup expressions.
- Model instances: Instance methods | Accessing related objects.
- Migrations: Introduction to Migrations | Operations reference | Schema Editor | Writing migrations.
- Advanced: Managers | Raw SQL | Transactions | Aggregation | Search | Custom fields | Multiple databases | Custom lookups | Query Expressions | Conditional Expressions | Database.
- Other: Supported databases | Legacy databases | Providing initial data | Optimize database access | PostgreSQL specific features.

The View Layer

Django has the concept of “views” to encapsulate the logic responsible for processing a user’s request and for returning the response. Find all you need to know about views via the links below:

- The basics: [URL confs](#) | [View functions](#) | [Shortcuts](#) | [Decorators](#) | [Asynchronous Support](#).
- Reference: [Built-in Views](#) | [Request/response objects](#) | [Template Response objects](#).
- File uploads: [Overview](#) | [File objects](#) | [Storage API](#) | [Managing files](#) | [Custom storage](#).
- Class-based views: [Overview](#) | [Built-in display views](#) | [Built-in editing views](#) | [Using mixins](#) | [API reference](#) | [Flattened index](#)
- Advanced: [Generating CSV](#) | [Generating PDF](#)
- Middleware: [Overview](#) | [Built-in middleware classes](#)

The Template Layer

The template layer provides a designer-friendly syntax for rendering the information to be presented to the user. Learn how this syntax can be used by designers and how it can be extended by programmers:

- The basics: [Overview](#)
- For designers: [Language overview](#) | [Built-in tags and filters](#) | [Humanization](#)
- For programmers: [Template API](#) | [Custom tags and filters](#) | [Custom template backend](#)

Forms

Django provides a rich framework to facilitate the creation of forms and the manipulation of form data.

- The basics: Overview | Form API | Built-in fields | Built-in widgets.
- Advanced: Forms for models | Integrating media | Formsets | Customizing validation.

The Development Processes

Learn about the various components and tools to help you in the development and testing of Django applications:

- Settings: Overview | Full list of settings
- Applications: Overview
- Exceptions: Overview
- Django-admin and manage.py: Overview | Adding custom commands
- Testing: Introduction | Writing and running tests | Included testing tools | Advanced topics
- Deployment: Overview | WSGI servers | ASGI servers | Deploying static files | Tracking code errors by email | Deployment checklist.

The Admin

Find all you need to know about the automated admin interface, one of Django's most popular features:

- Admin site
- Admin actions
- Admin documentation generator

Security

Security is a topic of paramount importance in the development of web applications and Django provides multiple protection tools and Mechanisms:

- Security overview
- Disclosed security issues in Django
- Clickjacking protection
- Cross Site Request Forgery protection
- Cryptographic signing
- Security Middleware

Internationalization and Localization

Django offers a robust internationalization and localization framework to assist you in the development of applications for multiple languages and world regions:

Overview | Internationalization | Localization | Localized web UI formatting and form input ,Time zones,Performance and optimization, There are a variety of techniques and tools that can help get your code running more efficiently - faster, and using fewer system resources,Performance and optimization overview.

Geographic Framework

Geo Django intends to be a world-class geographic web framework. Its goal is to make it as easy as possible to build GIS web applications and harness the power of spatially enabled data.

Common Web Application Tools

Django offers multiple tools commonly needed in the development of web applications:

Authentication: Overview | Using the authentication system | Password management | Customizing authentication | API Reference

Caching

Logging

Sending emails

Syndication feeds (RSS/Atom)

Pagination

Messages framework

Serialization

Sessions

Sitemaps

Static files management

Data validation

Other Core Functionalities

Learn about some other core functionalities of the Django framework:

Conditional content processing

Content types and generic relations

Flat pages

Redirects

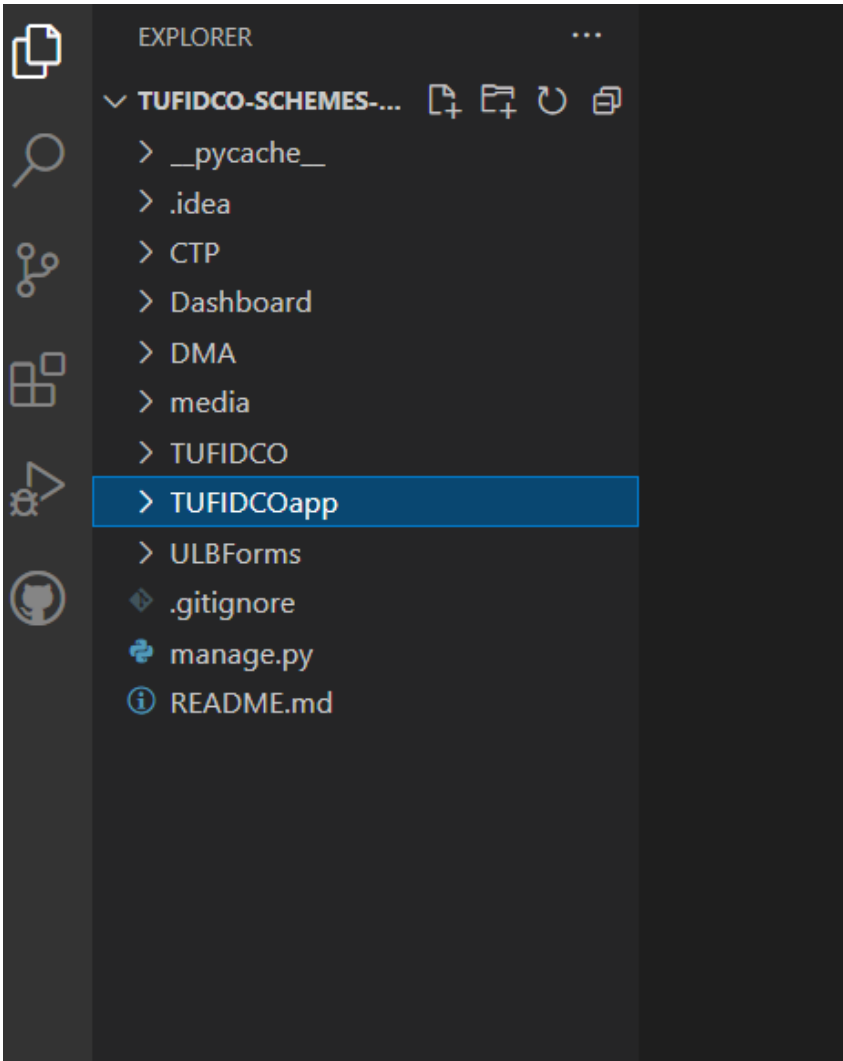
Signals

System check framework

The sites framework

Unicode in Django

**Fig 1.1 components
of website**



1.2 ABOUT JAVASCRIPT AND OOPs

JavaScript is the programming language of the web. It's easy to learn and becoming more and more prevalent in software development everyday (Netflix, PayPal, and Facebook all use a lot of JavaScript!). In ES6, classes were introduced to JavaScript, which made it much easier for developers to think about and organize their programs. Also, JavaScript can run in any web browser, which means we just need a text editor!

JavaScript classes are a great way to make clean, reusable code and easily track the relationship between one object's properties & functions and another object's properties & functions. Objects have data and functions to manipulate data. The relationships and interactions between well-modelled objects will allow us to create systems of great complexity, and allow us to increase that complexity while keeping a maintainable and organized codebase.

Object modeling is a process that will organically break complex features down into granular components, as you'll see in our example project of creating a text role-playing game.

CHAPTER-2

AIM AND SCOPE OF THE WEBSITE

2.1 AIM :

- To develop a website of TUFIDCO Schemes.
- The purpose of this website is to release funds for different ULB's in Tamil Nadu for their respective works that is sanctioned by government.
- ULB's can access information related to the various departments of ministries such as department of economic affair, expenditure, revenue, financial services and these investments will be monitored by the Secretary of Tamil Nadu.
- The main objective of this project to manage the details of ULB details, financial expenditure reports, etc. The project is totally at administrative end and thus only the administrator is guaranteed the access.
- This www.tufidcoschemes.co.in is for all planned schemes, databases of all recipient agencies, integration with core banking solution of banks handling plans funds.
- Now this website is providing details of two Schemes: -
- (1) KNMT
- (2) Singara Chennai 2.0

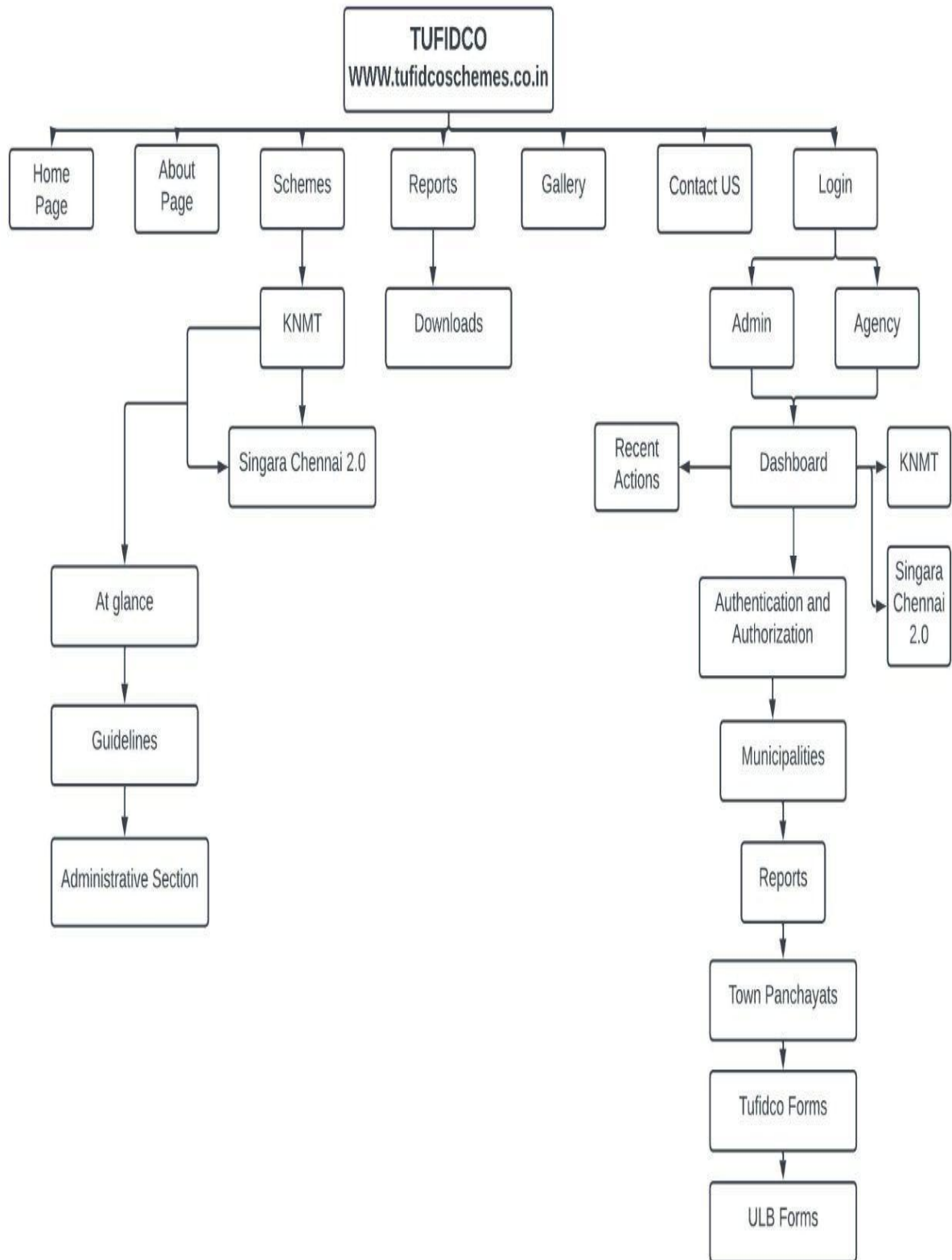
2.2 SCOPE

This Website scope is to manage and control all data's that is provided to different ULBS in Tamil Nadu and also monitoring the financial funds released for different funds.

- It will be analyzing and monitoring the sources of revenue that are used by ULBS in the State.

- TUFIDCO'S INFRASTRUCTURE FUNDING SCHEME(TIFS) from its share capital, reserves and by availing loan from banks .

2.2.1 Ideation Map



CHAPTER 3

METHODS OR ALGORITHMS USED

3.1 HARDWARE/SOFTWARE REQUIREMENT

- Windows/Mac/Linux Based System
- Any text editor like VSCode, Sublime Text, Atom etc.
- Any chromium-based browser like Google Chrome, Microsoft Edge etc.

3.1.1 Windows/Mac/Linux System

Windows , Mac or Linux based operating system for personal computers or any other internet of things devices.

3.1.2 Any text editor like VSCode, Sublime text, Atom etc.

Any text editor works. Some of them are:

.VS CODE

PYCHARM

3.2 SETTING UP

Settings.py

```
"""
Django settings for TUFIDCO project.

Generated by 'django-admin startproject' using Django 4.0.

For more information on this file, see
https://docs.djangoproject.com/en/4.0/topics/settings/

For the full list of settings and their values, see
https://docs.djangoproject.com/en/4.0/ref/settings/
"""

from asyncio import FastChildWatcher
from pathlib import Path
from dotenv import load_dotenv
import os
from re import T
```

```

load_dotenv()

# Previous settings ...
EMAIL_BACKEND = 'django.core.mail.backends.smtp.EmailBackend'
EMAIL_HOST = os.getenv('EMAIL_HOST')
EMAIL_PORT = 587
EMAIL_USE_TLS = False
EMAIL_HOST_USER = os.getenv('EMAIL_HOST_USER')
EMAIL_HOST_PASSWORD = os.getenv('EMAIL_HOST_PASSWORD')
EMAIL_FILE_PATH = '/temp'

# Build paths inside the project like this: BASE_DIR / 'subdir'.
BASE_DIR = Path(__file__).resolve().parent.parent

# Quick-start development settings - unsuitable for production
# See https://docs.djangoproject.com/en/4.0/howto/deployment/checklist/
# SECURITY WARNING: keep the secret key used in production secret!
SECRET_KEY = os.getenv('SECRET_KEY')

# SECURITY WARNING: don't run with debug turned on in production!
DEBUG = False

ALLOWED_HOSTS = ['www.tufidcoschemes.co.in', 'tufidcoschemes.co.in', '127.0.0.1']

# Application definition

INSTALLED_APPS = [
    'whitenoise.runserver_nostatic',
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'TUFIDCOapp.apps.TufidcoappConfig',
    'reports.apps.ReportsConfig',
    'DMA.apps.DmaConfig',
    'CTP.apps.CtpConfig',
    'Dashboard.apps.DashboardConfig',
    'ULBForms.apps.UlbformsConfig',
    'smart_selects',
    'import_export',
    'nested_admin',
    'mapbox_location_field',
]

MIDDLEWARE = [
    'django.middleware.security.SecurityMiddleware',
    'whitenoise.middleware.WhiteNoiseMiddleware',
    'django.contrib.sessions.middleware.SessionMiddleware',
    'django.middleware.common.CommonMiddleware',
    'django.middleware.csrf.CsrfViewMiddleware',
    'django.contrib.auth.middleware.AuthenticationMiddleware',
    'django.contrib.messages.middleware.MessageMiddleware',
    'django.middleware.clickjacking.XFrameOptionsMiddleware',
]

ROOT_URLCONF = 'TUFIDCO.urls'

```

```

TEMPLATES = [
    {
        'BACKEND': 'django.template.backends.django.DjangoTemplates',
        'DIRS': [BASE_DIR / 'templates'],
        'APP_DIRS': True,
        'OPTIONS': {
            'context_processors': [
                'django.template.context_processors.debug',
                'django.template.context_processors.request',
                'django.contrib.auth.context_processors.auth',
                'django.contrib.messages.context_processors.messages',
            ],
        },
    },
]

WSGI_APPLICATION = 'TUFIDCO.wsgi.application'

# Database
# https://docs.djangoproject.com/en/4.0/ref/settings/#databases

DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.postgresql_psycopg2',
        'NAME': os.getenv('DB_NAME'),
        'USER': os.getenv('DB_USER'),
        'PASSWORD': os.getenv('DB_PASSWORD'),
        'HOST': os.getenv('DB_HOST'),
        'PORT': '5432',
    }
}

# Password validation
# https://docs.djangoproject.com/en/4.0/ref/settings/#auth-password-validators

AUTH_PASSWORD_VALIDATORS = [
    {
        'NAME': 'django.contrib.auth.password_validation.UserAttributeSimilarityValidator',
    },
    {
        'NAME': 'django.contrib.auth.password_validation.MinimumLengthValidator',
    },
    {
        'NAME': 'django.contrib.auth.password_validation.CommonPasswordValidator',
    },
    {
        'NAME': 'django.contrib.auth.password_validation.NumericPasswordValidator',
    },
]

# Internationalization
# https://docs.djangoproject.com/en/4.0/topics/i18n/

LANGUAGE_CODE = 'en-us'

TIME_ZONE = 'Asia/Kolkata'

USE_I18N = True

```

```

USE_L10N = True

USE_TZ = True

# Static files (CSS, JavaScript, Images)
# https://docs.djangoproject.com/en/4.0/howto/static-files/

STATICFILES_STORAGE = 'whitenoise.storage.CompressedStaticFilesStorage'
STATIC_URL = '/static/'
if DEBUG:
    STATICFILES_DIRS = [
        os.path.join(BASE_DIR, 'static'),
    ]
else:
    STATIC_ROOT = os.path.join(BASE_DIR, 'static')

MEDIA_URL = '/media/'
MEDIA_ROOT = os.path.join(BASE_DIR, 'media')

# Default primary key field type
# https://docs.djangoproject.com/en/4.0/ref/settings/#default-auto-field

DEFAULT_AUTO_FIELD = 'django.db.models.BigAutoField'

USE_DJANGO_JQUERY = True

LOGIN_URL = "/admin/login/"
LOGIN_REDIRECT_URL = '/admin/Dashboard/dashboard/'
LOGOUT_REDIRECT_URL = 'home'

MAPBOX_KEY = os.getenv('MAPBOX_KEY')


SECURE_HSTS_SECONDS = 12121212
SECURE_SSL_REDIRECT = True
SESSION_COOKIE_SECURE = True
CSRF_COOKIE_SECURE = True
SECURE_HSTS_INCLUDE_SUBDOMAINS = True
SECURE_HSTS_PRELOAD = True
'''
'''

```

Fig-3.2 settings.py

3.3 DEVELOPMENT OF THE WEBSITE

3.3.1 CREATING TUFIDCO

Creating the folder name Tufidco that will responsible for the setting up the libraries and ULBS.

3.3.2 CREATING TUFIDCO APP

- (1) Then there is tufidco app folder that will responsible for all the backend part and in this folder, we will create all the logics that is responsible for all the views in backend part.
- (2) And in this folder, there are many components that are describes in below figure
- (3) This folder contains one more folder that is migrations folder that have deletion and alter statement.

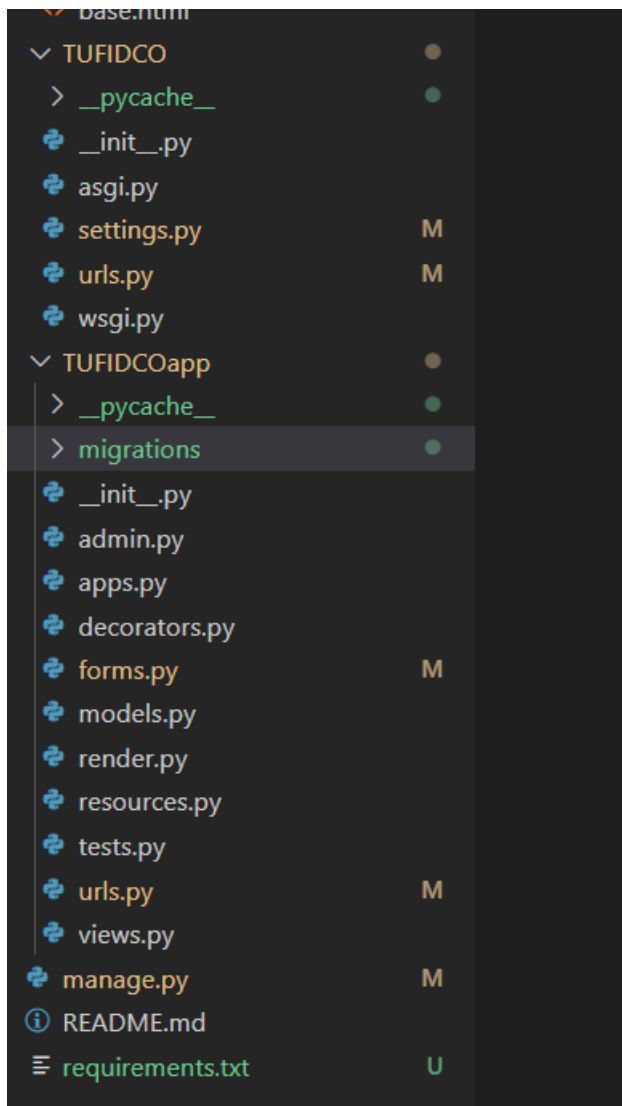


Fig.3.2.2 Tufidco and tufidco app

3.3.3 Templates

- (1) Template folder contains all the html file
- (2) There are 3 more folder inside the template folder that is admin, includes, pages
- (3) In template folder there is one component base.html that is base of all html file
- (4) The base.html file contains the links of Bootstrap CSS, Font-awesome CSS, Map-Box, Custom CSS, Favicon, Bootstrap JS, Custom JS.

Source code of base.html and format of template folder

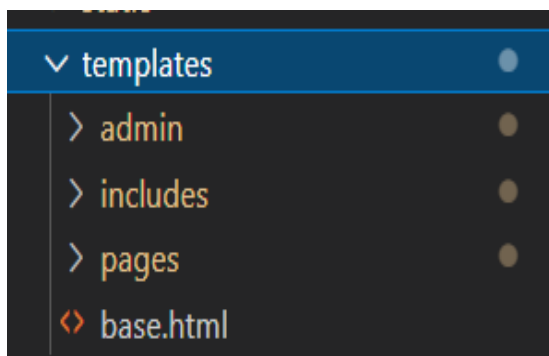


Fig 3.3.3 Templates

Base.html

```
<!DOCTYPE html>
<html lang="en">
  <!-- Head -->
  <head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE-edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>{% block title %}{% endblock %}</title>
    <!-- Bootstrap CSS -->
    {% load static %}
    <link rel="stylesheet" href="{% static 'vendors/bootstrap5.1.3/dist/css/bootstrap.min.css' %}">
    <!-- Fontawesome CSS -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
    <!-- MapBox -->
    <script src="{% static 'vendors/mapbox-gl-js/v0.47.0/mapbox-gl.js' %}"></script>
    <link rel="stylesheet" href="{% static 'vendors/mapbox-gl-js/v0.47.0/mapbox-gl.css' %}">
    <!-- Custom CSS -->
    {% load static %}
    <link rel="stylesheet" href="{% static 'css/style.css' %}">
    <!-- Favicon -->
    <link rel="apple-touch-icon" sizes="180x180" href="{% static 'img/apple-touch-icon.png' %}">
    <link rel="icon" type="image/png" sizes="32x32" href="{% static 'img/logo_trans.ico' %}">
    {% block extrastyle %}{% endblock %}
  </head>
  <!-- End Head -->
  <!-- Start Body -->
  <body>
```

```

{% block content %}
{% endblock %}
{% load static %}
<script src="{% static 'vendors/bootstrap5.1.3/dist/js/bootstrap.bundle.js' %}"></script>
<script src="{% static 'vendors/jquery-3.4.1/jquery-3.4.1.slim.js' %}"></script>
<script src="{% static 'vendors/popper-1.16.0/dist/umd/popper.min.js' %}"></script>
<!-- Bootstrap JS-->
<script src="{% static 'vendors/bootstrap/4.4.1/js/bootstrap.min.js' %}"></script>
<!-- Custom JS-->
{% load static %}
<script src="{% static 'js/plugins.js' %}"></script>
{% block js-foot %}{% endblock %}
</body>
<!-- End Body -->
</html>

```

3.3.4 Creating Static Folder :

- (1) Static folder contains that is CSS , image , js ,and vendors
- (2) CSS folders is responsible for the stylesheet of admin.css, all.min.css, style.css Imp folders contains the image

- (3) Js contains JavaScript of the pages that is gallery.js , plugins.js
- (4) Vendor folder contains bootstrap jQuery ,
- (5) mapbox – gl , popper , xlsx

3.3.5 Creating media folder

- (1) Media folder contains the folder that is gallery , headerimages , mainslider , pdf , photogallery , reforms
- (2) Gallery folder contains all the jpg images of ULBs
- (3) Header images contains the logo of Indian-flag , logo.png , tamilnadulogo.png
- (4) Mainslider contains the images of slider
- (5) Pdf has downloaded format
- (6) Photogallery is the images of all town Panchayats , Municipality
- (7) We can upload the reform image in this folder

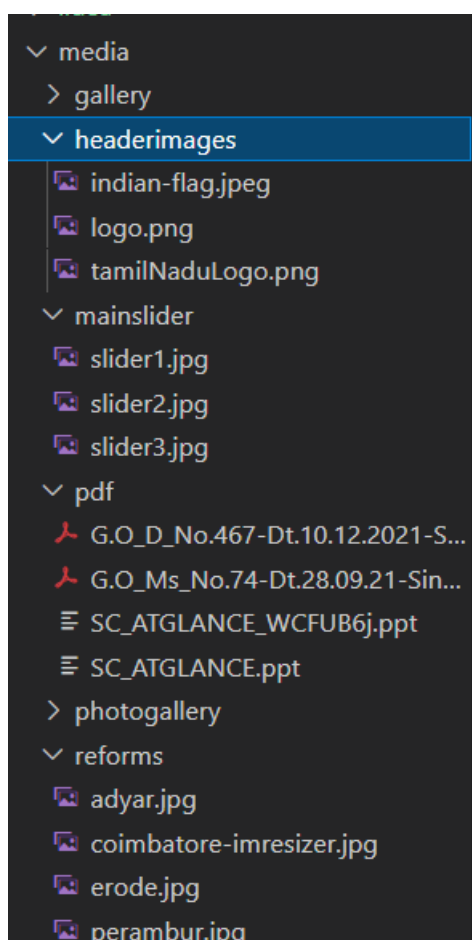


Fig 3.3.5 media folder

3.3.6 UNDER TEMPLATES DESCRIBES ADMIN

- (1) In the admin folder there are there are all .html pages which is related to admin_index .html all the extended html file in this folder will extend and will contain all the extra code
- (2) Below fig will show the formats of admin folder.

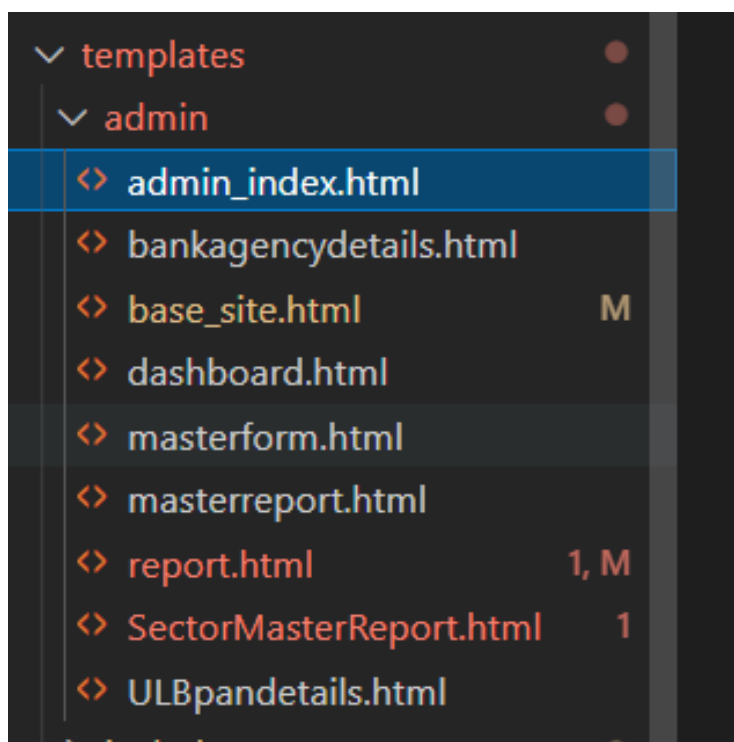


Fig 3.3.6

3.3.7 UNDER TEMPLATES ALL HTML PAGES

- (1) Under the Templates there is page folder that has components of html file .
- (2) That is shown in frontend part
- (3) Below image below show the formats of page

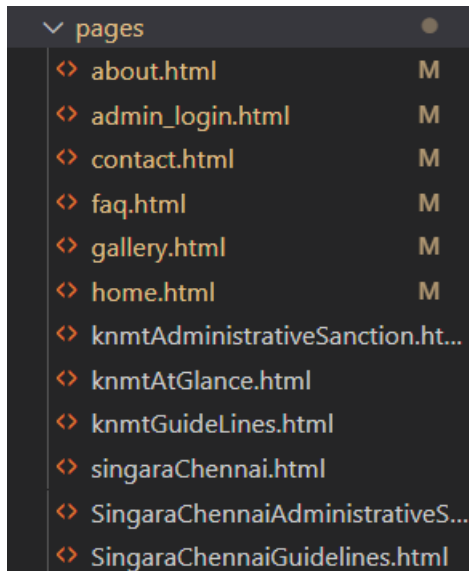


Fig 3.3.7pages

3.3.8 UNDER TUFIDCO CREATING SETTING.PY AND URLS.PY

- (1) In the setting.py there is one secret key that connects the database
- (2) In the setting.py there are section which contains the all installed apps
- (3) API key of MAPBOX also in this.
- (4) Below are the source codes of settings.py

```
from pathlib import Path
import os

# Build paths inside the project like this: BASE_DIR / 'subdir'.
BASE_DIR = Path(__file__).resolve().parent.parent

# Quick-start development settings - unsuitable for production
# See https://docs.djangoproject.com/en/4.0/howto/deployment/checklist/

# SECURITY WARNING: keep the secret key used in production secret!
SECRET_KEY = 'django-insecure-hu5bn)c*&m%n=y-j#n5_$v&)ox^8^f9_9qr7aw-y1_jop@nph^'

# SECURITY WARNING: don't run with debug turned on in production!
```

```

DEBUG = True

ALLOWED_HOSTS = []

# Application definition

INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'TUFIDCOapp.apps.TufidcoappConfig',
    'smart_selects',
    'import_export',
    'nested_admin',
    'mapbox_location_field',
]

JAZZMIN_SETTINGS = {
    # title of the window (Will default to current_admin_site.site_title if
    # absent or None)
    "site_title": "TUFIDCO Schemes",

    # Title on the login screen (19 chars max) (defaults to
    # current_admin_site.site_header if absent or None)
    "site_header": "TUFIDCO Schemes",

    # Title on the brand (19 chars max) (defaults to
    # current_admin_site.site_header if absent or None)
    "site_brand": "TUFIDCO Schemes",

    # Welcome text on the login screen
    "welcome_sign": "Welcome to TUFIDCO Schemes",

    # Copyright on the footer
    "copyright": "TUFIDCO Schemes",

    # The model admin to search from the search bar, search bar omitted if
    # excluded
    "search_model": "auth.User",

    # Field name on user model that contains avatar
    # ImageField/URLField/Charfield or a callable that receives the user
    "user_avatar": None,

    #####
    # Top Menu #
    #####

    # Links to put along the top menu
    "topmenu_links": [

        # Url that gets reversed (Permissions can be added)

```

```

        {"name": "Home", "url": "admin:index", "permissions":
["auth.view_user"]},

        # external url that opens in a new window (Permissions can be added)
        {"name": "view site", "url": "home", },

        # model admin to link to (Permissions checked against model)
        {"model": "auth.User"},

        # App with dropdown menu to all its models pages (Permissions checked
against models)
        {"app": "TUFIDCOapp"},
    ],

    "order_with_respect_to": ["auth", "TUFIDCOapp.MasterSanctionForm"]
}

MIDDLEWARE = [
    'django.middleware.security.SecurityMiddleware',
    'django.contrib.sessions.middleware.SessionMiddleware',
    'django.middleware.common.CommonMiddleware',
    'django.middleware.csrf.CsrfViewMiddleware',
    'django.contrib.auth.middleware.AuthenticationMiddleware',
    'django.contrib.messages.middleware.MessageMiddleware',
    'django.middleware.clickjacking.XFrameOptionsMiddleware',
]

ROOT_URLCONF = 'TUFIDCO.urls'

TEMPLATES = [
    {
        'BACKEND': 'django.template.backends.django.DjangoTemplates',
        'DIRS': [BASE_DIR / 'templates']
        ,
        'APP_DIRS': True,
        'OPTIONS': {
            'context_processors': [
                'django.template.context_processors.debug',
                'django.template.context_processors.request',
                'django.contrib.auth.context_processors.auth',
                'django.contrib.messages.context_processors.messages',
            ],
        },
    },
]

WSGI_APPLICATION = 'TUFIDCO.wsgi.application'

# Database
# https://docs.djangoproject.com/en/4.0/ref/settings/#databases

DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.postgresql_psycopg2',

```

```

        'NAME': 'tufidco',
        'USER': 'postgres',
        'PASSWORD': 'Tufidco9540',
        'HOST': 'db-tufidco.cwgr3gxyihcc.ap-south-1.rds.amazonaws.com',
        'PORT': '5432',
    }
}

# Password validation
# https://docs.djangoproject.com/en/4.0/ref/settings/#auth-password-validators

AUTH_PASSWORD_VALIDATORS = [
    {
        'NAME':
        'django.contrib.auth.password_validation.UserAttributeSimilarityValidator',
    },
    {
        'NAME':
        'django.contrib.auth.password_validation.MinimumLengthValidator',
    },
    {
        'NAME':
        'django.contrib.auth.password_validation.CommonPasswordValidator',
    },
    {
        'NAME':
        'django.contrib.auth.password_validation.NumericPasswordValidator',
    },
]

# Internationalization
# https://docs.djangoproject.com/en/4.0/topics/i18n/

LANGUAGE_CODE = 'en-us'

TIME_ZONE = 'UTC'

USE_I18N = True

USE_TZ = True

# Static files (CSS, JavaScript, Images)
# https://docs.djangoproject.com/en/4.0/howto/static-files/

STATIC_URL = '/static/'
STATICFILES_DIRS = [
    os.path.join(BASE_DIR, 'static'),
]

# Default primary key field type
# https://docs.djangoproject.com/en/4.0/ref/settings/#default-auto-field

DEFAULT_AUTO_FIELD = 'django.db.models.BigAutoField'

MEDIA_ROOT = os.path.join(BASE_DIR, 'media')

```

```

MEDIA_URL = '/media/'

USE_DJANGO_JQUERY = True

LOGIN_REDIRECT_URL = '/admin'
LOGOUT_REDIRECT_URL = 'home'

MAPBOX_KEY =
"pk.eyJ1IjoieYXJ5YW5iaGF0dDEwMDIiLCJhIjoiY2tqaDFmcnloNDFpYTJybnFvbmk0cTliNyJ9.Im
W_FZl5b1VBm1bYaLyziA"

```

URLs.py

(1) There is url for admin/login auth views

(2) Source code of urls.py

```

(3) from django.contrib import admin
(4) from django.urls import path, include
(5) from django.conf.urls.static import static
(6) from django.conf import settings
(7) from django.contrib.auth import views as auth_views
(8)
(9) from TUFIDCOapp.forms import PlaceholderAuthForm
(10)
(11) urlpatterns = [
(12)     path('', include('TUFIDCOapp.urls')),
(13)     path('admin/login/',
(14)         auth_views.LoginView.as_view(template_name='pages/admin_login.html',
(15)                                     authenticati
(16)                                     on_form=PlaceholderAuthForm,
(17)                                     redirect_aut
(18)                                     henticated_user=True), name='login'
(19)     ),
(20)     path('admin/', include('smart_selects.urls')),
(21)     path('admin/', admin.site.urls),
(22) ]
(23)
(24) if settings.DEBUG:
(25)     urlpatterns += static(settings.MEDIA_URL,
(26)                             document_root=settings.MEDIA_ROOT)

```

3.3.9 UNDER TUFIDCO APP BACKEND PART WILL BE RUNNING

(1) There is path for all the urlpatterns in that about gallery and all other

Source code :

(1) Urls.py

(2) from django.urls import path

```

(3)
(4) from . import views
(5)
(6) urlpatterns = [
(7)     path('', views.home, name='home'),
(8)     path('about', views.about, name='about'),
(9)     path('gallery', views.gallery, name='gallery'),
(10)    path('contact', views.contact, name='contact'),
(11)    path('faq', views.FAQ, name='faq'),
(12)    path('schemes/knmt/AtGlance', views.KNMT, name='knmt'),
(13)    path('schemes/knmt/Guidelines', views.KNMT_G, name='knmt_g'),
(14)    path('schemes/Knmt/AdministrativeSanction', views.KNMT_AS, name='knmtAS'),
(15)    path('schemes/singarachennai2.0/AtGlance', views.S_Chennai, name='SChennai2.0'),
(16)    path('schemes/singarachennai2.0/Guidelines', views.S_Chennai_Guidelines,
name='SChennaiGuidelines'),
(17)    path('schemes/singarachennai2.0/AdministrativeSanction', views.S_Chennai_AS,
name='SChennaiAS'),
(18)]

```

(3) View.py

```

(4) from django.db.models import Sum
(5) from django.shortcuts import render
(6) from .models import *
(7)
(8) # Create your views here.
(9) def home(request):
(10)    data = tufidco_info.objects.all()
(11)    gallery_photos = postphotogallery_slider.objects.all()
(12)    form_slider_photos = postreforms_slider.objects.all()
(13)    main_slider_photos = postmain_slider.objects.all()
(14)    total_projects = MasterSanctionForm.objects.count()
(15)    project_cost =
MasterSanctionForm.objects.aggregate(project_cost=Sum('ApprovedProjectCost'))
(16)    knmt =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').aggregate(knmt_share=Sum('SchemeShare'))
(17)    ulb_share =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').aggregate(ulb_share=Sum('ULBShare'))
(18)    dmp_total_projects =
MasterSanctionForm.objects.filter(AgencyType__AgencyType='Municipality').count()
(19)    dmp_project_cost = MasterSanctionForm.objects.filter(
(20)        AgencyType__AgencyType='Municipality').aggregate(dmp_project_cost=Sum('ApprovedProjectCost'))
(21)    dmp_knmt = MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(
(22)        AgencyType__AgencyType='Municipality').aggregate(dmp_knmt=Sum('SchemeShare'))
(23)    dmp_ulb_share = MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(
(24)        AgencyType__AgencyType='Municipality').aggregate(dmp_ulb_share=Sum('ULBShare'))
(25)    ctp_total_projects = MasterSanctionForm.objects.filter(AgencyType__AgencyType='Town
Panchayat').count()
(26)    ctp_project_cost = MasterSanctionForm.objects.filter(
(27)        AgencyType__AgencyType='Town
Panchayat').aggregate(ctp_project_cost=Sum('ApprovedProjectCost'))
(28)    ctp_knmt = MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(
(29)        AgencyType__AgencyType='Town Panchayat').aggregate(ctp_knmt=Sum('SchemeShare'))

```

```

(30) ctp_ulb_share = MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(
(31)     AgencyType__AgencyType='Town Panchayat').aggregate(ctp_ulb_share=Sum('ULBShare'))
(32)
(33) context = {
(34)     "tufidco_info": data,
(35)     'gallery_photos': gallery_photos,
(36)     'formSlider': form_slider_photos,
(37)     'mainSlider': main_slider_photos,
(38)     'total_projects': total_projects,
(39)     'project_cost': project_cost,
(40)     'knmt': knmt,
(41)     'ulb_share': ulb_share,
(42)     'dmp_total_projects': dmp_total_projects,
(43)     'dmp_knmt': dmp_knmt,
(44)     'dmp_project_cost': dmp_project_cost,
(45)     'dmp_ulb_share': dmp_ulb_share,
(46)     'ctp_total_projects': ctp_total_projects,
(47)     'ctp_project_cost': ctp_project_cost,
(48)     'ctp_knmt': ctp_knmt,
(49)     'ctp_ulb_share': ctp_ulb_share
(50) }
(51)
(52) return render(request, 'pages/home.html', context)
(53)

(54) def about(request):
(55)     data = tufidco_info.objects.all()
(56)     about_text = About.objects.all()
(57)
(58)     context = {
(59)         "tufidco_info": data,
(60)         "about_text": about_text,
(61)     }
(62)
(63)     return render(request, 'pages/about.html', context)
(64)

(65) def gallery(request):
(66)     data = tufidco_info.objects.all()
(67)     gallery_img = gallery_Images.objects.all()
(68)     gallery_places = gallery_Images.objects.values_list('type', flat=True).order_by('type').distinct()
(69)
(70)     context = {
(71)         "tufidco_info": data,
(72)         "gallery": gallery_img,
(73)         "gallery_places": gallery_places,
(74)     }
(75)
(76)     return render(request, 'pages/gallery.html', context)
(77)

(78) def contact(request):
(79)     data = tufidco_info.objects.all()
(80)     officer = Officer.objects.all()
(81)
(82)     context = {
(83)         "tufidco_info": data,
(84)         "Officer": officer,
(85)     }

```

```

(86)
(87) return render(request, 'pages/contact.html', context)
(88)

(89)def FAQ(request):
(90)    data = tufidco_info.objects.all()
(91)    scheme_name = Scheme_Faq_Questions.objects.order_by('id').filter(name=1)
(92)    scheme_name2 = Scheme_Faq_Questions.objects.order_by('id').filter(name=2)
(93)
(94)        context = {
(95)            "tufidco_info": data,
(96)            "Scheme_name": scheme_name,
(97)            "scheme_name2": scheme_name2,
(98)        }
(99)
(100)    return render(request, 'pages/faq.html', context)
(101)

(102)    def KNMT(request):
(103)        data = tufidco_info.objects.all()
(104)
(105)        context = {
(106)            "tufidco_info": data,
(107)        }
(108)
(109)        return render(request, 'pages/knmtAtGlance.html', context)
(110)

(111)    def KNMT_AS(request):
(112)        data = tufidco_info.objects.all()
(113)
(114)        context = {
(115)            "tufidco_info": data,
(116)        }
(117)
(118)        return render(request,
(119)            'pages/knmtAdministrativeSanction.html', context)

(120)    def S_Chennai(request):
(121)        data = tufidco_info.objects.all()
(122)        scheme = Scheme_Page.objects.filter(scheme=2)
(123)
(124)        context = {
(125)            "tufidco_info": data,
(126)            "scheme": scheme
(127)        }
(128)
(129)        return render(request, 'pages/singaraChennai.html', context)
(130)

(131)    def S_Chennai_Guidelines(request):
(132)        data = tufidco_info.objects.all()
(133)        scheme = Scheme_Page.objects.filter(scheme=2)
(134)
(135)        context = {
(136)            "tufidco_info": data,
(137)            "scheme": scheme

```

```

(138)         }
(139)
(140)         return render(request, 'pages/SingaraChennaiGuidelines.html',
context)
(141)

(142)     def S_Chennai_AS(request):
(143)         data = tufidco_info.objects.all()
(144)         scheme = Scheme_Page.objects.filter(scheme=2)
(145)         pdf = SchemeSanctionPdf.objects.filter(scheme=2)
(146)
(147)         context = {
(148)             "tufidco_info": data,
(149)             "scheme": scheme,
(150)             "pdf": pdf
(151)         }
(152)
(153)         return render(request,
'pages/SingaraChennaiAdministrativeSanction.html', context)
(154)

(155)     def KNMT_G(request):
(156)         data = tufidco_info.objects.all()
(157)         context = {
(158)             "tufidco_info": data,
(159)         }
(160)         return render(request, 'pages/knmtGuideLines.html', context)
(161)

```

3.3.9.1 THE LIBRARIES THAT ARE REQUIRED

asgiref==3.5.0
backports.zoneinfo==0.2.1
defusedxml==0.7.1
diff-match-patch==20200713
Django==4.0
django-import-export==2.7.1
django-mapbox-location-field==1.7.3
django-nested-admin==3.3.3
django-smart-selects==1.5.9
et-xmlfile==1.1.0
MarkupPy==1.14
odfpy==1.4.1
openpyxl==3.0.9
Pillow==9.0.0
psycpg2-binary==2.9.2
python-monkey-business==1.0.0
PyYAML==6.0
six==1.16.0
sqlparse==0.4.2
tablib==3.2.0

xlrd==2.0.1
xlwt==1.3.0

3.3.9.2 manage.py

(1) Source Code :

```
(2) """Django's command-line utility for administrative tasks."""
(3) import os
(4) import sys
(5)
(6) def main():
(7)     """Run administrative tasks."""
(8)     os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'TUFIDCO.settings')
(9)     try:
(10)         from django.core.management import
            execute_from_command_line
(11)     except ImportError as exc:
(12)         raise ImportError(
(13)             "Couldn't import Django. Are you sure it's installed
            and "
(14)             "available on your PYTHONPATH environment variable?
            Did you "
(15)             "forget to activate a virtual environment?"
(16)         ) from exc
(17)     execute_from_command_line(sys.argv)
(18)
(19) if __name__ == '__main__':
(20)     main()
```

3.3.9.3 Coding the Forms

Source code:

```
from django import forms
from django.contrib.auth.forms import AuthenticationForm
from django.forms.widgets import PasswordInput, TextInput
from .models import *

class PlaceholderAuthForm(AuthenticationForm):
    username = forms.CharField(widget=TextInput(attrs={'placeholder':
'Username'}))
    password = forms.CharField(widget=PasswordInput(attrs={'placeholder':
'Password'}))

class AgencyProgressForm(forms.ModelForm):
    class Meta:
        model = AgencyProgressModel
        fields = ('Sector',)

    def __init__(self, request, *args, **kwargs):
```

```

        super(AgencyProgressForm, self).__init__(*args, **kwargs)
        self.fields['Scheme'].widget = forms.Select(choices=[(str(c), str(c))
for c in
MasterSanctionForm
.objects.values_list('Scheme__Scheme',
flat=True).filter(
AgencyName__Ag
encyName=request.user.first_name).distinct()])
        self.fields['Sector'].widget = forms.Select(choices=[(str(c), str(c))
for c in
MasterSanctionForm
.objects.values_list('Sector',
flat=True).filter(
AgencyName__Ag
encyName=request.user.first_name).order_by(
'SNo').distinct()])
        self.fields['Project_ID'].widget = forms.Select(choices=[(str(c),
str(c)) for c in
MasterSanction
Form.objects.values_list('Project_ID',
flat=True).filter(
AgencyName
__AgencyName=request.user.first_name).order_by(
'SNo').dis
tinct()])

class AgencySanctionForm(forms.ModelForm):
    class Meta:
        model = AgencySanctionModel
        fields = ('Scheme', 'Sector', "Project_ID", 'tsrefno', 'tsdate',
'tawddate', 'wdawddate', 'ts_awarded'
, 'tr_awarded', 'wd_awarded')
        widgets = {
            'ts_awarded': forms.RadioSelect(),
            'tr_awarded': forms.RadioSelect(),
            'wd_awarded': forms.RadioSelect()
        }

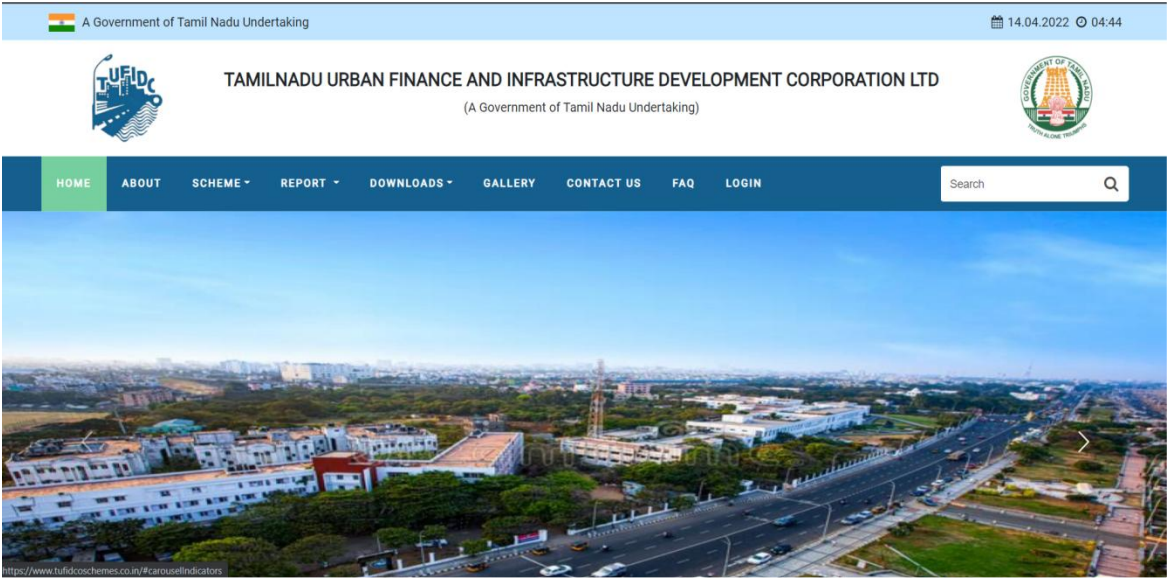
```

CHAPTER 4 HOSTING

CHAPTER 4.1 HOSTING ON AWS

(1) We have successfully hosted it on AWS

(2) Below are the few snapshots of our website after hosting on cloud.



KNMT - DMA Project Details - (2021-22)

Total Projects	Total Cost	KNMT Share	ULB Share
495	₹ 50463.77 lakhs	₹ 46817.60 lakhs	₹ 3646.17 lakhs

Latest update

KNMT_G.O Ms.NQ.138, dt 27.12.2021.pdf

2.0_G.O (D) No.26-Dt.25.01.22.pdf

2.0_G.O (D) No.17-Dt.13.01.22.pdf

2.0_G.O (D) No.505-Dt.30.12.2021.pdf

2.0_G.O (D) No.467-Dt.10.12.2021.pdf

Reforms



Location

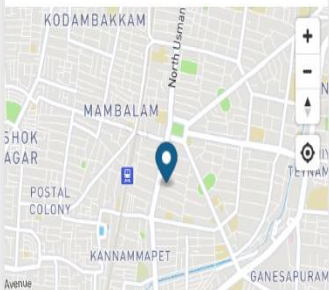


Photo Gallery



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TAMILNADU URBAN FINANCE AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD

TUFIDCO is providing financial assistance to implement various infrastructure projects of local bodies, Statutory Authorities, Boards and other Government agencies under government sponsored schemes and TUFIDCO'S INFRASTRUCTURE FUNDING SCHEME (TIFS) from its share capital, reserves and by availing loan from banks and mobilising public

SCHEMES

KNMT
Singara Chennai 2.0
IUDM
Smart City

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CONTACT

490, Anna Salai, Nandanam, Chennai-600 035.
tufidcoschemes@gmail.com
044 2432 9800
044 - 24350814



TAMILNADU URBAN FINANCE AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD
 (A Government of Tamil Nadu Undertaking)



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INCORPORATION

Tamil Nadu Urban Finance and Infrastructure Development Corporation Ltd (TUFIDCO) was incorporated under the Companies Act, 1956 on 21-03-1990. The main objective of the corporation is providing financial assistance and guidance to Local Bodies, Corporations, Boards, Authorities and parastatal agencies for their development schemes. It is also a Nodal Agency to implement Government programme/schemes in the State. The Corporate Identification Number (CIN) of TUFIDCO is 'U65191TN1990SGC018909'. TUFIDCO is the Nodal Agency for the following schemes Singara Chennai 2.0 Kalaignar Nagarpura Mempattu Thittam (KNMT).


A Government of Tamil Nadu Undertaking



TAMILNADU URBAN FINANCE AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD
(A Government of Tamil Nadu Undertaking)


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At glance
Guidelines
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Kalaingar Nagarpura Mempattu Thittam (KNMT)

AT GLANCE

Introduction

In Tamil Nadu, there are 14 Corporations (except Greater Chennai Corporation), 121 Municipalities and 528 Town Panchayats. Many schemes taken up in the recent years such as Smart Cities Mission, AMRUT are aimed at improving the infrastructure facilities of Corporations and major towns alone. Smart Cities Mission is being implemented only in 11 Corporations. AMRUT is also being implemented in 28 Towns only. The coverage of schemes in Corporations is relatively high when compared to Municipalities and Town Panchayats. Hence it has been decided to introduce a new Scheme 'Kalaingar Nagarpura Mempattu Thittam'(KNMT) in all 121 Municipalities and 528 Town Panchayats so as to fulfil the infrastructural gaps in these Urban Local Bodies.

» [KNMTAtGlance.ppt](#)


A Government of Tamil Nadu Undertaking



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At glance
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Singara Chennai 2.0

AT GLANCE

Introduction

The Greater Chennai Corporation (GCC) has an area of 426 Sq Km and a population of 66.72 lakh as per the 2011 census. The boundaries of Greater Chennai Corporation were extended by including 42 adjacent Local Bodies in the year 2011. Consequently, the area of the Greater Chennai Corporation increased from 174 sq.km. to 426 sq.km. There are gaps in the basic infrastructure in these added areas, which require special attention. Therefore, with a view to improve basic infrastructure in the Corporation, the Government has decided to launch 'Singara Chennai 2.0' programme. The aim of 'Singara Chennai 2.0' is to provide modern world-class infrastructure and services in Greater Chennai Corporation with a special focus towards added areas.

» [Singara Chennai 2.0 At Glance.ppt](#)

PAGE * MERGEFORMAT
XI

Our Address

490, Anna Salai, Nandanam, Chennai-600 035.

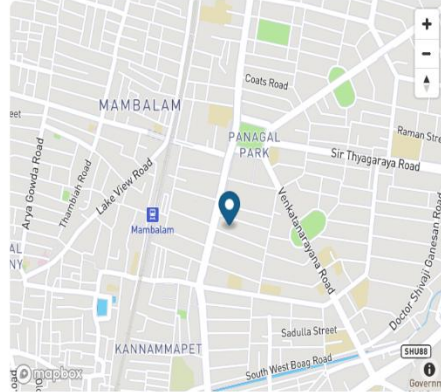
 tufidcoschemes@gmail.com

 044 2432 9800

 <http://tufidco.in/>

 044 - 24350814

Our Location



Our Team



Dr. M.Sai Kumar, I.A.S.

Chairman & Managing Director



Dr. K.S.Muthupandian

General Manager



Dr. R.Murugan

Deputy General Manager (Projects)

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TAMILNADU URBAN FINANCE AND

SCHEMES

QUICK LINKS

CONTACT

KNMT

1. What is the full form of KNMT?



2. Who is eligible to avail assistance in KNMT scheme ?



- 121 Municipalities.
- 480 Town Panchayats in Tamil Nadu.

3. What are all the projects that are eligible to take up under KNMT scheme ?



4. What are all the projects that are not eligible to take up under KNMT scheme ?



5. Who is the nodal agency for KNMT scheme ?



6. Who is the Sanctioning authority for KNMT scheme ?



Singara Chennai 2.0

1. Who are eligible to avail assistance in Singara Chennai 2.0 scheme?



- The Greater Chennai Corporation (GCC).
- Chennai Metropolitan Water Supply and Sewerage Board(CMWSSB).

2. What are all the projects that are eligible to take up under Singara Chennai 2.0 scheme ?



3. What are all the projects that are not eligible to take up under Singara Chennai 2.0 scheme?



4. Who is the nodal agency for Singara Chennai 2.0 scheme?



5. Who are all the members of PSMC?

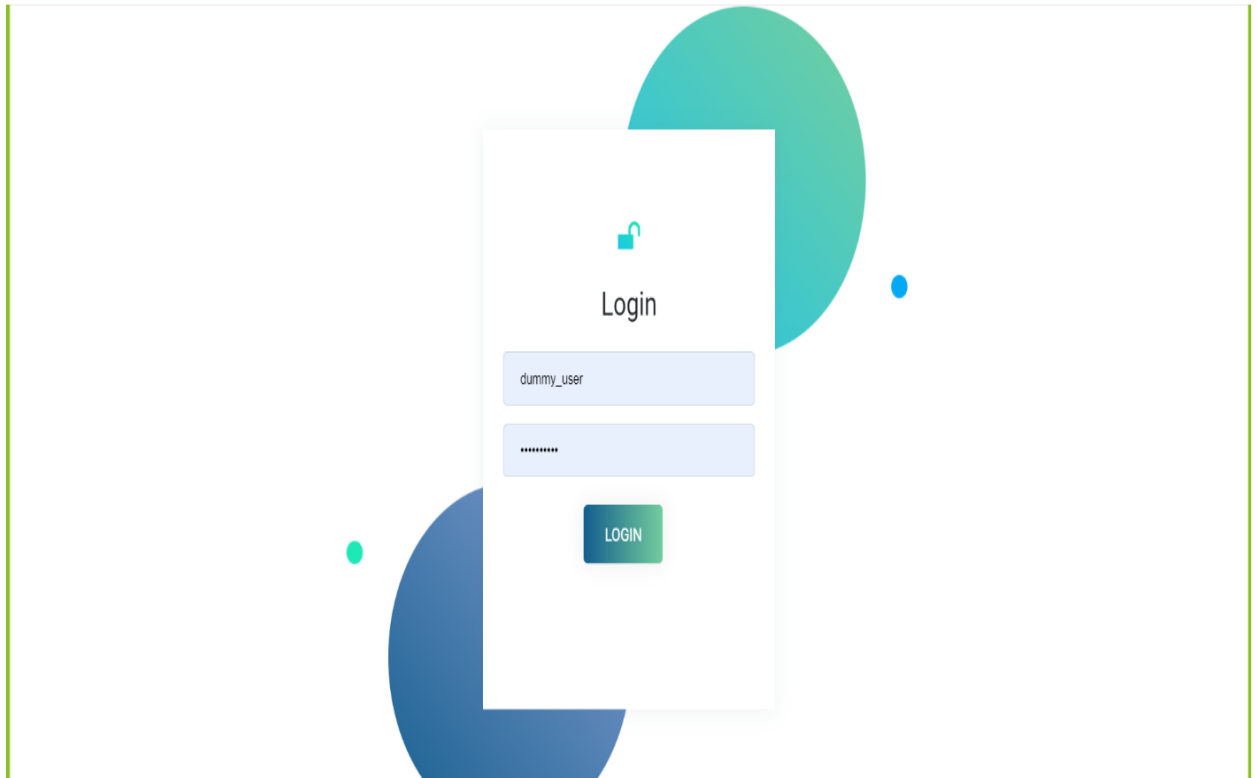


6. What is the procedure to identify the projects for the town ?



7. What is the monitoring system ?





For Adding Latitude, Longitude and Photos



[Contact CTP](#)
[Contact DMA](#)
[Change Password](#)
[View Site](#)
[Log Out](#)



Home > Dashboard > KNMT

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups [+ Add](#)

Users [+ Add](#)

DASHBOARD

KNMT [+ Add](#)

Singara Chennai 2.0 [+ Add](#)

MUNICIPALITIES

District Wise Reports [+ Add](#)

KNMT Physical & Financial [+ Add](#)

KNMT Project Details - Directorate of Municipalities (2021-22)

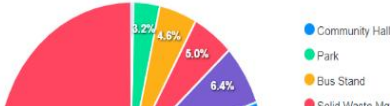
Total Projects
495

Total Cost
₹ 50463.77 lakhs

KNMT Share
₹ 46817.60 lakhs

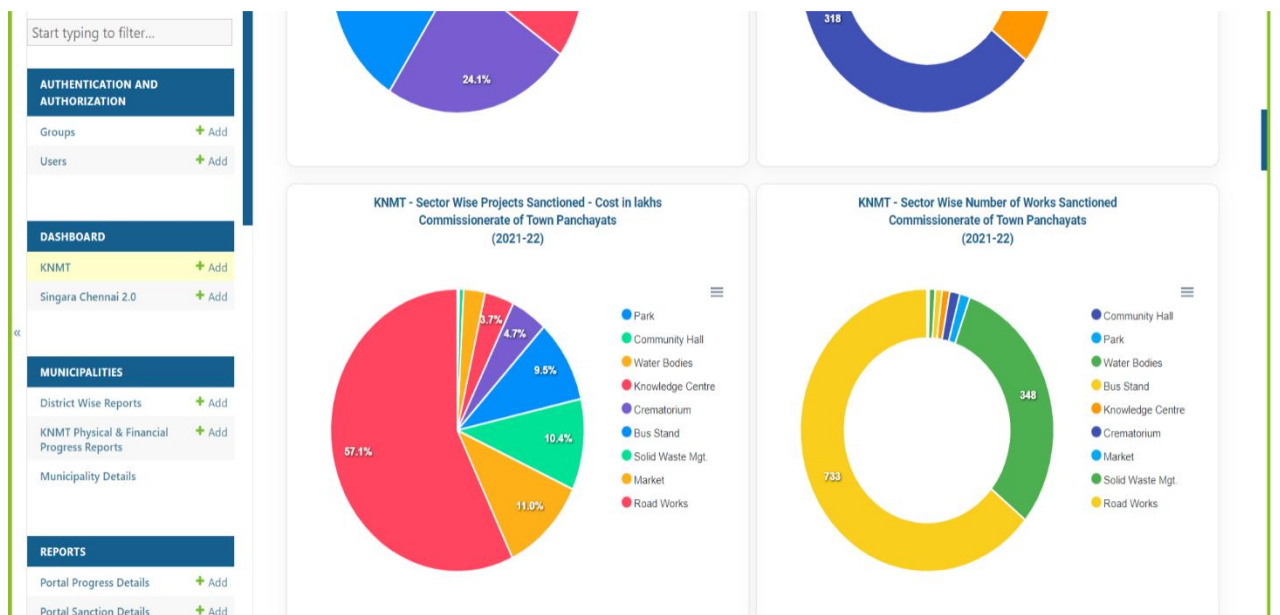
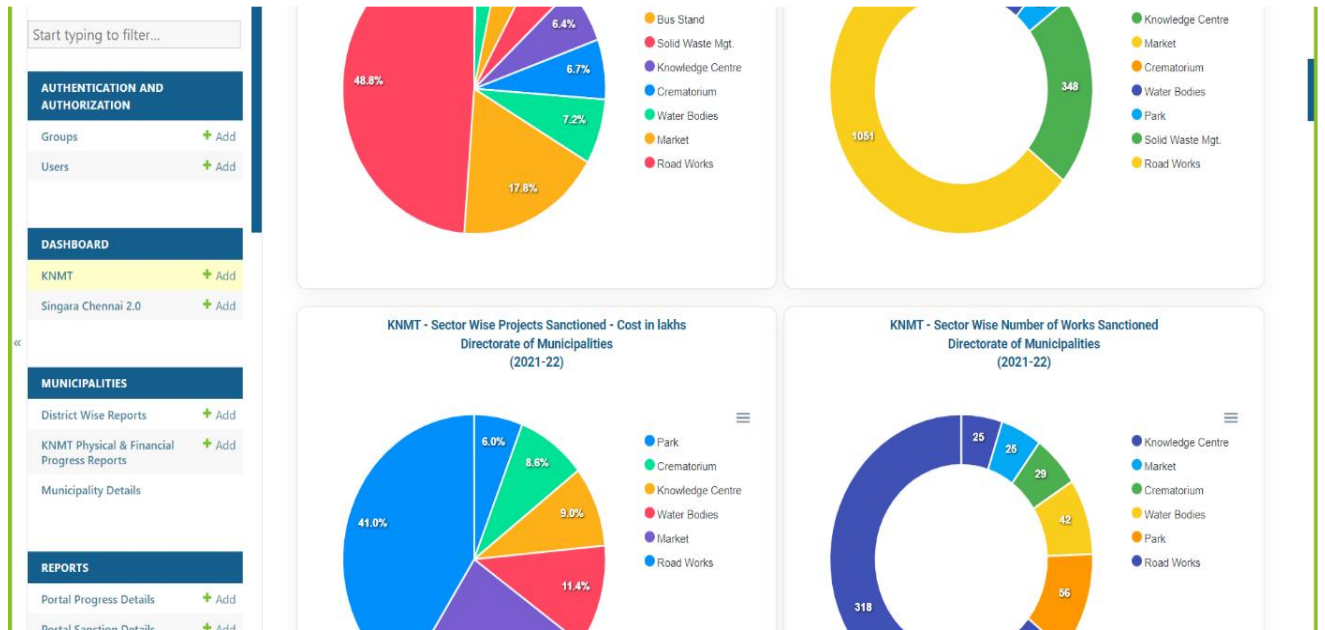
ULB Share
₹ 3646.17 lakhs

KNMT - Sector Wise Number of Works Sanctioned Overall (2021-22)



KNMT - Sector Wise Number of Works Sanctioned Overall (2021-22)





Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Users + Add

DASHBOARD

KNMT + Add

Singara Chennai 2.0 + Add

MUNICIPALITIES

District Wise Reports + Add

KNMT Physical & Financial Progress Reports + Add

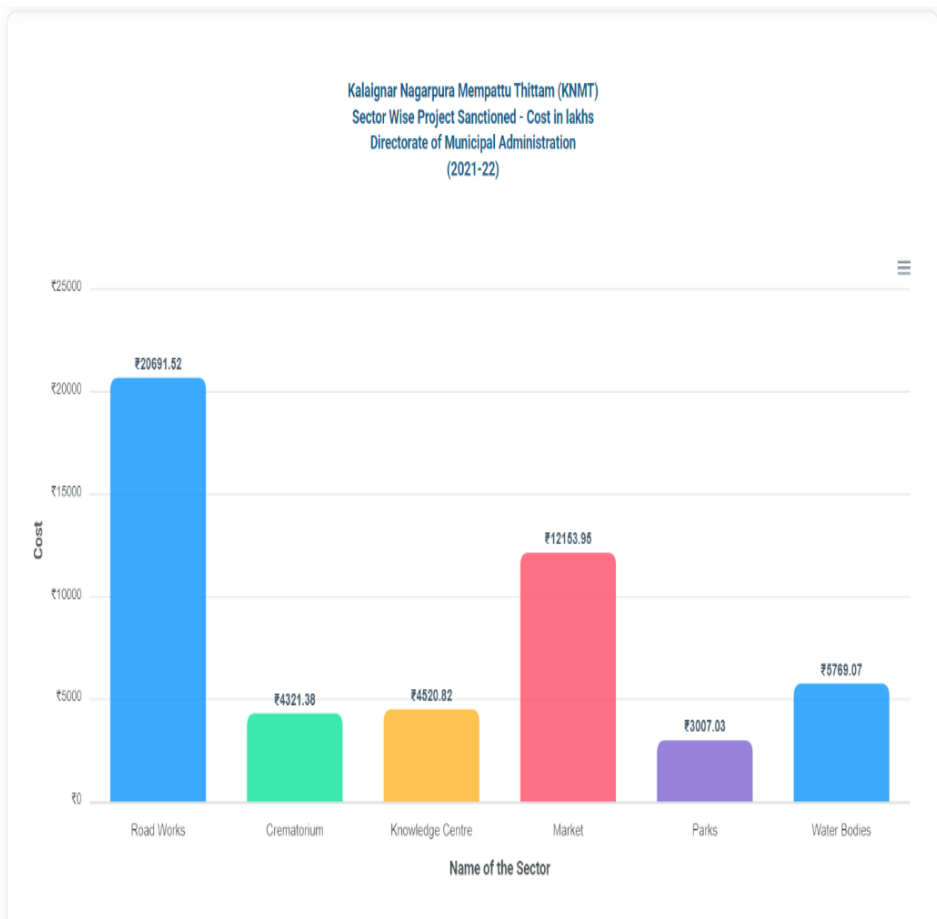
Municipality Details

REPORTS

Portal Progress Details + Add

Portal Sanction Details + Add

Progress Details Not Entered + Add



Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Users + Add

DASHBOARD

KNMT + Add

Singara Chennai 2.0 + Add

MUNICIPALITIES

District Wise Reports + Add

KNMT Physical & Financial Progress Reports + Add

Municipality Details

REPORTS

Portal Progress Details + Add

Portal Sanction Details + Add

Progress Details Not Entered + Add

Kalaigñar Nagarpura Mempoṭṭu Thittam (KNMT)

Sector Wise Projects Sanctioned - Cost in lakhs

(2021-22)

S.No	Name of the Sector	Overall			DMA			CTP		
		No. of Works	Project Cost		No of Works	Project Cost		No. of Works	Project Cost	
			Rs. in Lakhs	Percentage		Rs. in Lakhs	Percentage		Rs. in Lakhs	Percentage
1	Bus Stand	10	₹ 4469.44	4.58 %	0	₹ None	0.00 %	10	₹ 4469.44	4.58 %
2	Community Hall	1	₹ 280.00	0.29 %	0	₹ None	0.00 %	1	₹ 280.00	0.29 %
3	Crematorium	44	₹ 6517.38	6.68 %	29	₹ 4321.38	4.43 %	15	₹ 2196.00	2.25 %
4	Knowledge Centre	36	₹ 6278.35	6.43 %	25	₹ 4520.82	4.63 %	11	₹ 1757.53	1.80 %
5	Market	40	₹ 17337.85	17.77 %	25	₹ 12153.95	12.45 %	15	₹ 5183.90	5.31 %
6	Park	58	₹ 3104.88	3.18 %	56	₹ 3007.03	3.08 %	2	₹ 97.85	0.10 %
7	Retaining wall	15	₹ 278.78	0.29 %	0	₹ None	0.00 %	15	₹ 278.78	0.29 %
8	Road Works	1051	₹ 47619.90	48.80 %	318	₹ 20691.52	21.20 %	733	₹ 26928.38	27.60 %
9	Solid Waste Mgt.	348	₹ 4913.24	5.03 %	0	₹ None	0.00 %	348	₹ 4913.24	5.03 %
10	Water Bodies	51	₹ 7063.07	7.24 %	42	₹ 5769.07	5.91 %	9	₹ 1294.00	1.33 %
Total		1639	₹ 97584.11	100 %	495	₹ 50463.77	51.71 %	1144	₹ 47120.34	48.29 %

* Note: Road works include BT road, CC road, Retaining wall, Paver Block, SWD, Culvert, Metal Beam Crash Barrier.

Kalaigñar Nagarpura Mempoṭṭu Thittam (KNMT)

Sector Wise Progress Details - Cost in lakhs

Overall (2021-22)

S.No	Name of the Sector	Approved	Awarded Cost	Completed	In Progress	To be Commenced
------	--------------------	----------	--------------	-----------	-------------	-----------------

Start typing to filter...

Authentication and Authorization

GroupsAdd

UsersAdd

Dashboard

KNMTAdd

Singara Chennai 2.0Add

Municipalities

District Wise ReportsAdd

KNMT Physical & Financial Progress ReportsAdd

Municipality Details

Reports

Portal Progress DetailsAdd

Portal Sanction DetailsAdd

Progress Details Not EnteredAdd

10	Parks	58	₹ 3104.88	₹ 2553.13	0	₹ None	47	₹ 2549.63	12	₹ 604.75
11	PaverBlock	342	₹ 19280.37	₹ 14478.69	42	₹ 1289.11	226	₹ 15344.79	84	₹ 3483.97
12	Retaining wall	15	₹ 278.78	₹ 125.60	8	₹ 52.93	6	₹ 158.75	2	₹ 74.40
13	SolidWasteMgt.	348	₹ 4913.24	₹ 18.28	0	₹ None	1	₹ 18.28	347	₹ 4894.96
14	SWD	204	₹ 5831.56	₹ 4613.32	0	₹ 1273.14	114	₹ 3937.98	58	₹ 19776.52
15	WaterBodies	51	₹ 7063.07	₹ 3876.54	0	₹ None	21	₹ 2966.77	30	₹ 4096.30
Total		1639	₹ 97584.11	₹ 58341.06	191	₹ 7062.61	779	₹ 56772.79	706	₹ 37403.28

* Note: Awarded cost is Work Order Amount with Tax.

Kalaingar Nagarpura Mempoattu Thittam (KNMT)
Sector Wise Progress Details - Cost in lakhs
Directorate of Municipalities (2021-22)

S.No	Name of the Sector	Approved		Awarded Cost		Completed		In Progress		To be Commenced	
		No. of Works	Project Cost	No. of Works	Project Cost	No. of Works	Project Cost	No. of Works	Project Cost	No. of Works	Project Cost
1	BT Road	66	₹ 9130.17	₹ 7220.39	5	₹ 728.49	48	₹ 6641.81	13	₹ 1759.87	
2	Bus Stand	0	₹ None	₹ None	0	₹ None	0	₹ None	0	₹ None	
3	CC Road	12	₹ 970.19	₹ 998.60	0	₹ None	3	₹ 854.55	9	₹ 115.64	
4	Community Hall	0	₹ None	₹ None	0	₹ None	0	₹ None	0	₹ None	
5	Crematorium	29	₹ 4321.38	₹ 3203.09	0	₹ None	22	₹ 3267.80	8	₹ 1198.58	
6	Culvert	64	₹ 299.72	₹ 707.41	9	₹ 24.16	20	₹ 178.34	39	₹ 108.98	
7	Knowledge Centre	25	₹ 4520.82	₹ 3099.09	0	₹ None	16	₹ 2727.28	9	₹ 1793.54	
8	Market	25	₹ 12153.95	₹ 1178.84	0	₹ None	2	₹ 624.00	23	₹ 11529.95	
9	Metal Beam Crash Barriers	0	₹ None	₹ None	0	₹ None	0	₹ None	0	₹ None	

Start typing to filter...										
AUTHENTICATION AND AUTHORIZATION										
Groups Add										
Users Add										
DASHBOARD										
KNMT Add										
Singara Chennai 2.0 Add										
MUNICIPALITIES										
District Wise Reports Add										
KNMT Physical & Financial Progress Reports Add										
Municipality Details										
REPORTS										
Portal Progress Details Add										
Portal Sanction Details Add										
Progress Details Not Entered Add										

7	Knowledge Centre	11	₹ 1757.53	₹ 1205.04	0	₹ None	8	₹ 1205.79	3	₹ 551.74
8	Market	15	₹ 5183.90	₹ 3209.65	0	₹ None	12	₹ 4375.13	4	₹ 1158.67
9	Metal Beam Crash Barriers	33	₹ 505.84	₹ 303.58	12	₹ 230.12	19	₹ 264.49	2	₹ 11.23
10	Parks	2	₹ 97.85	₹ None	0	₹ None	1	₹ 73.10	1	₹ 24.75
11	PaverBlock	246	₹ 11885.90	₹ 7921.12	30	₹ 715.50	177	₹ 9890.73	46	₹ 1964.77
12	Retaining wall	15	₹ 278.78	₹ 125.60	8	₹ 52.93	6	₹ 158.75	2	₹ 74.40
13	SolidWasteMgt.	348	₹ 4913.24	₹ 18.28	0	₹ None	1	₹ 18.28	347	₹ 4894.96
14	SWD	124	₹ 2934.59	₹ 2210.26	21	₹ 261.10	84	₹ 2258.30	20	₹ 473.67
15	WaterBodies	9	₹ 1294.00	₹ 416.07	0	₹ None	2	₹ 271.00	7	₹ 1023.00
Total		1144	₹ 47120.34	₹ 26959.41	147	₹ 4724.31	524	₹ 30172.97	495	₹ 14888.37

* Note: Awarded cost is Work Order Amount with Tax.



AUTHENTICATION AND AUTHORIZATION

Groups	+ Add	Change
Users	+ Add	Change

DASHBOARD

KNMT	+ Add	Change
Singara Chennai 2.0	+ Add	Change

MUNICIPALITIES

District Wise Reports	+ Add	Change
KNMT Physical & Financial Progress Reports	+ Add	Change
Municipality Details	Change	

REPORTS

Recent actions

My actions

- [dummy_user](#)
User
- [E O KOTAGIRI SGTP PMAY \(U\) HFA](#)
Bank Detail
- [mp_Ambur](#)
User
- [JS_MAWS](#)
User
- [JS_MAWS](#)
User
- [KNMT - Samalapuram - K_TP_099_2021_B_0805](#)
Progress Detail
- [tp_Keelvelur](#)
User
- [Sayalkudi](#)
ULB Name
- [tp_Keelvelur](#)
User

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups	+ Add
Users	+ Add

DASHBOARD

KNMT	+ Add
Singara Chennai 2.0	+ Add

MUNICIPALITIES

District Wise Reports	+ Add
KNMT Physical & Financial Progress Reports	+ Add
Municipality Details	

REPORTS

Portal Progress Details	+ Add
Portal Sanction Details	+ Add
Progress Details Not Entered	+ Add

TOWN PANCHAYATS

KNMT Physical & Financial Progress Reports	+ Add
Town Panchayat Details	

TUFIDCO FORMS

Abouts	+ Add
Body Images	+ Add
District Wise Report (CTP)	+ Add
Districts	+ Add
Fund Release Requests	+ Add
GO Wise Reports	+ Add
Gallery Images	+ Add
KNMT Physical & Financial Progress Reports	+ Add
Latest reportss	+ Add
Master Sanction Details	+ Add
Officers	+ Add
Page counters	+ Add
Postmain sliders	+ Add
Postphotogallery_sliders	+ Add
Postphotogallery_sliders	+ Add

Page counters	+ Add
Postmain sliders	+ Add
Postphotogallery_sliders	+ Add
Postreforms sliders	+ Add
Regions	+ Add
Scheme FAQ Questions	+ Add
Scheme Pages	+ Add
Scheme sanction pdfs	+ Add
Schemes	+ Add
Sector wise Reports	+ Add
Tufidco Infos	+ Add
ULB Names	+ Add
ULB Release Requests	+ Add
ULB Types	+ Add
ULB FORMS	
Bank Details	
Locations	+ Add
PAN Details	
Progress Details	+ Add
Project Details	+ Add
Project Sanction Details	+ Add

CHAPTER 5 : SUMMARY AND CONCLUSION

- (1) The website has been created successfully and is hosted on AWS and all the essential data and funds release for KNMT and Singara Chennai 2.0 are also added
- (2) The ULBs are uploading their work continuously on the website
- (3) The ULBs can also see the work that has been sanctioned to them
- (4) The Admin can see all the works that are uploading by ULBs
- (5) The website has functionality that can create the report of all the ULBs so that Admin and other official person can see all the reports
- (6) There are so many work has already in progress and website has functionality that has shown the work progress report images
- (7) All the places are attached with latitude and longitude so that the work place can also be seen on the Map that is Mapbox .
- (8) The website has been created successfully and is hosted on AWS and all the essential data and funds release for KNMT and Singara Chennai 2.0 are also added
- (9) The ULBs are uploading their work continuously on the website
- (10) The ULBs can also see the work that has been sanctioned to them
- (11) The Admin can see all the works that are uploading by ULBs
- (12) The website has functionality that can create the report of all the ULBs so that Admin and other official person can see all the reports
- (13) There are so many work has already in progress and website has functionality that has shown the work progress report images
- (14) All the places are attached with latitude and longitude so that the work place can also be seen on the Map that is Mapbox .
- (15) The website has been created successfully and is hosted on AWS and all the essential data and funds release for KNMT and Singara Chennai 2.0 are also added

- (16) The ULBs are uploading their work continuously on the website
- (17) The ULBs can also see the work that has been sanctioned to them
- (18) The Admin can see all the works that are uploading by ULBs
- (19) The website has functionality that can create the report of all the ULBs so that Admin and other official person can see all the reports
- (20) There are so many work has already in progress and website has functionality that has shown the work progress report images
- (21) All the places are attached with latitude and longitude so that the work place can also be seen on the Map that is Mapbox .
- (22) The website has been created successfully and is hosted on AWS and all the essential data and funds release for KNMT and Singara Chennai 2.0 are also added
- (23) The ULBs are uploading their work continuously on the website
- (24) The ULBs can also see the work that has been sanctioned to them
- (25) The Admin can see all the works that are uploading by ULBs
- (26) The website has functionality that can create the report of all the ULBs so that Admin and other official person can see all the reports
- (27) There are so many work has already in progress and website has functionality that has shown the work progress report images
- (28) All the places are attached with latitude and longitude so that the work place can also be seen on the Map that is Mapbox .

FUTURE WORK

- (1) There are total 6 schemes under tufidco schemes from that 2 schemes has been added successfully and all the other 4 schemes are remaining that we have to add
- (2) Also there are work required to create release and request through the website only

- (3) Verification of all the pan details and bank detail is left
- (4) There are many changes to do according to the requirement of ULBS and TUFIDCO
- (5) Similarly it is also possible that in this website we can able to add the garbage project idea of Tamil Nadu government
- (6) There are total 6 schemes under tufidco schemes from that 2 schemes has been added successfully and all the other 4 schemes are remaining that we have to add
- (7) Also there are work required to create release and request through the website only
- .
- (8) Verification of all the pan details and bank detail is left
- (9) There are many changes to do according to the requirement of ULBS and TUFIDCO

Similarly it is also possible that in this website we can able to add the garbage project

REFERENCES

PROJECT:

- Dr Murugna DGM of tufidco , "On the development website continuously monitoring all the changes and improvement need in website
- DR Shiva Subramaniam also helped in providing all the datas that are needed for the wesite
- DR. Albert Mayan helping in creating the logic behind the forms
- And also DR.Albert is continuously providing support if there is any problem
- www.google.com
- www.geeksforgeeks.com

APPENDIX

SOURCE CODE

Project 1: (www.tufidcoschemes.co.in) Tamil Nadu Urban Finance of Government Project

Website Link: (www.tufidcoschemes.co.in)

GithubLink :- <https://github.com/Abhinav7065>

Source Code :-

Base.html

```
<!DOCTYPE html>
<html lang="en">
<!-- Head -->
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE-edge">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>{% block title %}{% endblock %}</title>
  <!-- Bootstrap CSS -->
  {% load static %}
  <link rel="stylesheet" href="{% static 'vendors/bootstrap5.1.3/dist/css/bootstrap.min.css' %}">
  <!-- Fontawesome CSS -->
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
  <!-- MapBox -->
  <script src="{% static 'vendors/mapbox-gl-js/v0.47.0/mapbox-gl.js' %}"></script>
  <link rel="stylesheet" href="{% static 'vendors/mapbox-gl-js/v0.47.0/mapbox-gl.css' %}" />
  <!-- Custom CSS -->
  {% load static %}
  <link rel="stylesheet" href="{% static 'css/style.css' %}">
  <!-- Favicon -->
  <link rel="apple-touch-icon" sizes="180x180" href="{% static 'img/apple-touch-icon.png' %}">
  <link rel="icon" type="image/png" sizes="32x32" href="{% static 'img/logo_trans.ico' %}">
  {% block extrastyle %}{% endblock %}
</head>
<!-- End Head -->
<!-- Start Body -->
<body>
  {% block content %}
  {% endblock %}
  {% load static %}
  <script src="{% static 'vendors/bootstrap5.1.3/dist/js/bootstrap.bundle.js' %}"></script>
  <script src="{% static 'vendors/jquery-3.4.1/jquery-3.4.1.slim.js' %}"></script>
  <script src="{% static 'vendors/popper-1.16.0/dist/umd/popper.min.js' %}"></script>
  <!-- Bootstrap JS -->
  <script src="{% static 'vendors/bootstrap/4.4.1/js/bootstrap.min.js' %}"></script>
```

```

    <!-- Custom JS-->
    {% load static %}
    <script src="{% static 'js/plugins.js' %}"></script>
    {% block js-foot %}{% endblock %}
</body>
<!-- End Body -->
</html>

```

Admin Source code :

```

    {% extends "admin/index.html" %}

    {% block content %}
    <h1>YOUR EXTRA CODE</h1>
    {{ block.super }}
    {% endblock %}

```

Bankagencydetails.html

```

{% extends "admin/base_site.html" %}
{% load i18n admin_urls static admin_modify %}

{% block extrahead %}{% block.super %}
<script src="{% url 'admin:jsi18n' %}"></script>
{{ media }}
{% endblock %}

{% block extrastyle %}{% block.super %}<link rel="stylesheet" type="text/css"
href="{% static "admin/css/forms.css" %}">{% endblock %}

{% block coltype %}colM{% endblock %}

{% block bodyclass %}{% block.super %} app-{{ opts.app_label }} model-{{
opts.model_name }} change-form{% endblock %}

{% if not is_popup %}
{% block breadcrumbs %}
<div class="breadcrumbs">
<a href="{% url 'admin:index' %}">{% translate 'Home' %}</a>
&rsquo; <a href="{% url 'admin:app_list' app_label=opts.app_label %}">{{
opts.app_config.verbose_name }}</a>
&rsquo; {% if has_view_permission %}<a href="{% url
opts|admin_urlname:'changelist' %}">{{ opts.verbose_name_plural|capfirst
}}</a>{% else %}{{ opts.verbose_name_plural|capfirst }}{% endif %}
&rsquo; {% if add %}{% blocktranslate with name=opts.verbose_name %}Add {{
name }}{% endblocktranslate %}{% else %}{{ original|truncatewords:"18" }}{%
endif %}
</div>
{% endblock %}
{% endif %}

{% block content %}<div id="content-main">
{% block object-tools %}
{% if change %}{% if not is_popup %}
<ul class="object-tools">

```

```

        {% block object-tools-items %}
            {% change_form_object_tools %}
        {% endblock %}
    </ul>
{% endif %}{% endif %}
{% endblock %}
<form {% if has_file_field %}enctype="multipart/form-data" {% endif %}{% if
form_url %}action="{{ form_url }}" {% endif %}method="post" id="{{
opts.model_name }}_form" novalidate>{% csrf_token %}{% block form_top %}{%
endblock %}
<div>
{% if is_popup %}<input type="hidden" name="{{ is_popup_var }}" value="1">{%
endif %}
{% if to_field %}<input type="hidden" name="{{ to_field_var }}" value="{{
to_field }}">{% endif %}
{% if save_on_top %}{% block submit_buttons_top %}{% submit_row %}{% endblock
%}{% endif %}
{% if errors %}
    <p class="errornote">
        {% if errors|length == 1 %}{% translate "Please correct the error below."
%}{% else %}{% translate "Please correct the errors below." %}{% endif %}
    </p>
    {{ adminform.form.non_field_errors }}
{% endif %}

{% block field_sets %}
{% for fieldset in adminform %}
    {% include "admin/includes/fieldset.html" %}
{% endfor %}
{% endblock %}

{% block after_field_sets %}{% endblock %}

{% block inline_field_sets %}
{% for inline_admin_formset in inline_admin_formsets %}
    {% include inline_admin_formset.opts.template %}
{% endfor %}
{% endblock %}

{% block after_related_objects %}{% endblock %}

{% block submit_buttons_bottom %}{% submit_row %}{% endblock %}

{% block admin_change_form_document_ready %}
    <script id="django-admin-form-add-constants"
        src="{% static 'admin/js/change_form.js' %}"
        {% if adminform and add %}
            data-model-name="{{ opts.model_name }}"
        {% endif %}
        async>
    </script>
{% endblock %}

{# JavaScript for prepopulated fields #}
{% prepopulated_fields_js %}
<script>
    $(document).on('click', '.default', function (){

```

```

        return confirm('Please recheck the entered field.');
```

Base.html

```

{% extends 'admin/base.html' %}
{% load i18n %}
{% block title %}TUFIDCO Schemes | {{ user.first_name }}{% endblock %}
{% load mapbox_location_field_tags %}
{% location_field_includes %}
{% block extrastyle %}
    {% load static %}
    <link rel='stylesheet' href='{% static 'css/admin.css' %}'>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
1BmE4kWBq78iYhF1dvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
    <script src='https://api.tiles.mapbox.com/mapbox-gl-js/v0.47.0/mapbox-
gl.js'></script>
    <link href='https://api.tiles.mapbox.com/mapbox-gl-js/v0.47.0/mapbox-gl.css'
rel='stylesheet' />
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script
>
{% endblock %}
{% block header %}
    <nav class="navbar navbar-expand-lg navbar-admin">
        <div class="container-fluid">
            <a class="navbar-brand"><h2>WELCOME <strong>{{user.first_name}}
{{user.last_name}}</strong></h2></a>
            <p class="buttons-admin">
                {% if user.has_usable_password %}
                    <a class="btn site-btn" href="{% url 'admin:password_change'
%}">Change Password</a>
                {% endif %}
                <a class="btn site-btn" type="submit" href="{% url 'home' %}">View
Site</a>
                <a class="btn default-bt my-2 my-sm-0" type="submit" href="{% url
'admin:logout' %}">Log Out</a>
            </p>
        </div>
    </nav>
{% endblock %}
```

Dashboard.html

```

{% extends 'admin/base_site.html' %}
{% load i18n admin_urls static admin_list %}
```

```

{% block content_title %}<div class="report-pdf"><h1>Report</h1> <input
type="button" id="btnExport" value="Export As Pdf" onclick="createPDF()"
/></div>{% endblock %}
{% block extrastyle %}
  {{ block.super }}
  {% load static %}
  <link rel="stylesheet" type="text/css" href="{% static
"admin/css/changelists.css" %}">
  {% if cl.formset %}
    <link rel="stylesheet" type="text/css" href="{% static
"admin/css/forms.css" %}">
  {% endif %}
  {% if cl.formset or action_form %}
    <script src="{% url 'admin:jsi18n' %}"></script>
  {% endif %}
  {{ media.css }}
  {% if not actions_on_top and not actions_on_bottom %}
    <style>
      #changelist table thead th:first-child {width: inherit}
    </style>
  {% endif %}
  <style>
    .object-tools a.addlink{
      display: none;
    }

    #btnExport{
      float: right !important;
      height: 45px;
      margin-left: 840px;
    }
    .report-pdf{
      display: inline-flex;
    }
  </style>

{% endblock %}
{% block pagination %}{% endblock %}

```

Masterform.html

```

{% extends "admin/base_site.html" %}
{% load i18n admin_urls static admin_modify %}

{% block extrahead %}{{ block.super }}
<script src="{% url 'admin:jsi18n' %}"></script>
{{ media }}
{% endblock %}

{% block extrastyle %}{{ block.super }}<link rel="stylesheet" type="text/css"
href="{% static "admin/css/forms.css" %}">
{% endblock %}

{% block coltype %}colM{% endblock %}

```

```

{% block bodyclass %}{{ block.super }} app-{{ opts.app_label }} model-{{
opts.model_name }} change-form{% endblock %}

{% if not is_popup %}
{% block breadcrumbs %}
<div class="breadcrumbs">
<a href="{% url 'admin:index' %}">{% translate 'Home' %}</a>
&rsaquo; <a href="{% url 'admin:app_list' app_label=opts.app_label %}">{{
opts.app_config.verbose_name }}</a>
&rsaquo; {% if has_view_permission %}<a href="{% url
opts|admin_urlname:'changelist' %}">{{ opts.verbose_name_plural|capfirst
}}</a>{% else %}{{ opts.verbose_name_plural|capfirst }}{% endif %}
&rsaquo; {% if add %}{% blocktranslate with name=opts.verbose_name %}Add {{
name }}{% endblocktranslate %}{% else %}{{ original|truncatewords:"18" }}{%
endif %}
</div>
{% endblock %}
{% endif %}

{% block content %}<div id="content-main">
{% block object-tools %}
{% if change %}{% if not is_popup %}
<ul class="object-tools">
<li>
<input type="button" id="btnExport" value="Export As Pdf"
onclick="CreatePDF()" />
</li>
{% block object-tools-items %}
{% change_form_object_tools %}
{% endblock %}
</ul>
{% endif %}{% endif %}
{% endblock %}
<form {% if has_file_field %}enctype="multipart/form-data" {% endif %}{% if
form_url %}action="{{ form_url }}" {% endif %}method="post" id="{{
opts.model_name }}_form" novalidate>{% csrf_token %}{% block form_top %}{%
endblock %}
<div>
{% if is_popup %}<input type="hidden" name="{{ is_popup_var }}" value="1">{%
endif %}
{% if to_field %}<input type="hidden" name="{{ to_field_var }}" value="{{
to_field }}">{% endif %}
{% if save_on_top %}{% block submit_buttons_top %}{% submit_row %}{% endblock
%}{% endif %}
{% if errors %}
<p class="errornote">
{% if errors|length == 1 %}{% translate "Please correct the error below."
%}{% else %}{% translate "Please correct the errors below." %}{% endif %}
</p>
{{ adminform.form.non_field_errors }}
{% endif %}

{% block field_sets %}
{% for fieldset in adminform %}
{% include "admin/includes/fieldset.html" %}
{% endfor %}
{% endblock %}

```

```

{% block after_field_sets %}{% endblock %}

{% block inline_field_sets %}
{% for inline_admin_formset in inline_admin_formsets %}
    {% include inline_admin_formset.opts.template %}
{% endfor %}
{% endblock %}

{% block after_related_objects %}{% endblock %}

{% block submit_buttons_bottom %}{% submit_row %}{% endblock %}

{% block admin_change_form_document_ready %}
    <script id="django-admin-form-add-constants"
        src="{% static 'admin/js/change_form.js' %}"
        {% if adminform and add %}
            data-model-name="{ { opts.model_name } }"
        {% endif %}
        async>
    </script>
{% endblock %}

{# JavaScript for prepopulated fields #}
{% prepopulated_fields_js %}
</div>
</form></div>

{% endblock %}

```

Mastereport.html

```

{% extends 'admin/change_list.html' %}
{% load i18n admin_urls static admin_list %}
{% block content_title %}<h1> Physical and Financial Progress Report</h1>{%
endblock %}
{% block extrastyle %}
    {{ block.super }}
    {% load static %}
    <link rel="stylesheet" type="text/css" href="{% static
"admin/css/changelists.css" %}">
    {% if cl.formset %}
        <link rel="stylesheet" type="text/css" href="{% static
"admin/css/forms.css" %}">
    {% endif %}
    {% if cl.formset or action_form %}
        <script src="{% url 'admin:jsi18n' %}"></script>
    {% endif %}
    {{ media.css }}
    {% if not actions_on_top and not actions_on_bottom %}
        <style>
            #changelist table thead th:first-child {width: inherit}
        </style>
    {% endif %}
    <style>
        .object-tools a.addlink{
            display: none;
        }
    </style>

```

```

        .border-grey {
            border: 1px solid #babebe;
        }
    </style>
{% endblock %}

{% block result_list %}
    <div class="results" id="results">
        <table class="border-grey">
            <col>
                <colgroup span="2"></colgroup>
                <colgroup span="2"></colgroup>
                <tr class="border-grey">
                    <th class="border-grey" >S.No</th>
                    <th class="border-grey"> Name of the Sector</th>
                    <th class="border-grey" colspan="5">Financial Progress (Rs.in
Cr)</th>
                    <th class="border-grey" colspan="5">Physical Progress</th>
                </tr>
                <tr class="border-grey">
                    <th class="border-grey"></th>
                    <th class="border-grey"></th>
                    <th class="border-grey" colspan="3" scope="colgroup">Amount
Sanctioned</th>
                    <th class="border-grey" scope="col">Amount Spend</th>
                    <th class="border-grey" scope="col">Balance</th>
                    <th class="border-grey" scope="col">No. of <br>works<br>approved</th>
                    <th class="border-grey" scope="col">No. of <br>works<br>taken</th>
                    <th class="border-grey" scope="col">No. of <br>works<br>completed</th>
                    <th class="border-grey" scope="col">No. of <br>works<br>in
progress</th>
                    <th class="border-grey" scope="col">Dropped,<br>if any</th>
                </tr>
                <tr class="border-grey">
                    <th class="border-grey"></th>
                    <th class="border-grey"></th>
                    <th class="border-grey" scope="col">Scheme Share</th>
                    <th class="border-grey" scope="col">ULB Share</th>
                    <th class="border-grey" scope="col">Total</th>
                    <th class="border-grey"></th>
                    <th class="border-grey"></th>
                    <th class="border-grey"></th>
                    <th class="border-grey"></th>
                    <th class="border-grey"></th>
                    <th class="border-grey"></th>
                </tr>
            {% for row in report %}
                <tr class="border-grey {% cycle 'row1' 'row2'%}>
                    <td class="border-grey" >{{ forloop.counter }}</td>
                    <td class="border-grey" >{{ row.Sector }}</td>
                    <td class="border-grey" >{{ row.SchemeShare }}</td>
                    <td class="border-grey" >{{ row.ULBShare }}</td>
                    <td class="border-grey" >{{ row.total }}</td>
                    <td class="border-grey" >{{ row.amountspend }}</td>
                    <td class="border-grey" >{{ row.balance }}</td>
                    <td class="border-grey" >{{ row.workapproved }}</td>
                    <td class="border-grey" >{{ row.worktaken }}</td>
            
```

```

        <td class="border-grey" >{{ row.workcompleted }}</td>
        <td class="border-grey" >{{ row.inprogress }}</td>
        <td class="border-grey" >{{ row.dropped }}</td>
    </tr>
    {% endfor %}
    <tr class="border-grey" style="font-weight:bold; border-top:2px solid
#DDDDDD;">
        <td class="border-grey" ></td>
        <td class="border-grey">Total </td>
        <td class="border-grey"> {{ report_total.SchemeShare }} </td>
        <td class="border-grey"> {{ report_total.ULBShare }} </td>
        <td class="border-grey"> {{ report_total.total }} </td>
        <td class="border-grey"> {{ report_total.amountspend }} </td>
        <td class="border-grey"> {{ report_total.balance }} </td>
        <td class="border-grey"> {{ report_total.workapproved }} </td>
        <td class="border-grey"> {{ report_total.worktaken }} </td>
        <td class="border-grey"> {{ report_total.workcompleted }} </td>
        <td class="border-grey"> {{ report_total.inprogrss }} </td>
        <td class="border-grey"> {{ report_total.dropped }} </td>
    </tr>
</table>
</div>
{% endblock %}

{% block pagination %}{% endblock %}

```

Report.html

```

{% extends 'admin/change_list.html' %}
{% load i18n admin_urls static admin_list %}
{% block content_title %}<div class="report-pdf"><h1>GO Wise Report</h1> <div
class="btn-export"><input type="button" id="btnExport2" value="Export as Excel"
onclick="ExportToExcel('xlsx')"/> <input type="button" id="btnExport"
value="Export As Pdf" onclick="createPDF()" /></div></div>{% endblock %}
{% block extrastyle %}
    {{ block.super }}
    {% load static %}
    <link rel="stylesheet" type="text/css" href="{% static
"admin/css/changelists.css" %}">
    {% if cl.formset %}
        <link rel="stylesheet" type="text/css" href="{% static
"admin/css/forms.css" %}">
    {% endif %}
    {% if cl.formset or action_form %}
        <script src="{% url 'admin:jsi18n' %}"></script>
    {% endif %}
    {{ media.css }}
    {% if not actions_on_top and not actions_on_bottom %}
        <style>
            #changelist table thead th:first-child {width: inherit}
        </style>
    {% endif %}
    <style>
        .object-tools a.addlink{
            display: none;
        }
        .btn-export{

```

```

        display: flex;
        margin-left: 530px;
    }
    #btnExport2{
        float: right !important;
        height: 45px;
    }
    #btnExport{
        float: right !important;
        height: 45px;
        margin-left: 5px;
    }
=
    }
    .report-pdf{
        display: inline-flex;
    }
    .report-h4{
        text-align: center;
        color: #666;
        margin-bottom: 15px;
        text-transform: uppercase;
    }
}

</style>
{% endblock %}

{% block result_list %}

    <div class="results" id="results">
        {% regroup heading by Sector as Sector_list %}
        {% regroup heading by AgencyType__AgencyType as Agency_list %}
        {% regroup heading by GoMeeting as GO_List %}

        <table>
            {% for t in heading %}
            {% if forloop.counter > 1 %}

                {% elif forloop.counter == 1 and t.AgencyType__AgencyType == "Town
Panchayat" and t.Scheme__Scheme == 'KNMT'%}
                <caption class="report-h4" id="heading">
                    {% ifchanged t.Scheme__Scheme %}
                    {% if Scheme_List|length > 1 %}
                        All Schemes -
                    {% else %}
                        Kalaignar Nagarpura Mempattu Thittam (KNMT) -
                    {% endif %}
                    {% endifchanged %}

                    {% ifchanged t.AgencyType__AgencyType %}
                    {% if Agency_list|length > 1 %} COMMISSIONERATE of Town Panchayats
and
                        Directorate of Municipalities -
                    {% else %}
                        COMMISSIONERATE of Town Panchayats -
                    {% endif %}
                    {% endifchanged %}

```

```

        {% ifchanged t.GoMeeting %}
        {% if GO_List|length > 1 %}
        All GOS
        {% else %}
        {{ t.GoMeeting }} GO
        {% endif %}
        {% endifchanged %}
    </caption>
    {% elif forloop.counter == 1 and t.AgencyType__AgencyType == "Municipality"
and t.Scheme__Scheme == 'KNMT'%}
    <caption class="report-h4" id="heading">
    {% ifchanged t.Scheme__Scheme %}
    {% if Scheme_List|length > 1 %}
    All Schemes -
    {% else %}
    Kalaigiar Nagarpura Mempattu Thittam (KNMT) -
    {% endif %}
    {% endifchanged %}

    {% ifchanged t.AgencyType__AgencyType %}
    {% if Agency_list|length > 1 %} COMMISSIONERATE of Town Panchayats
and
        Directorate of Municipalities -
    {% else %}
        Directorate of Municipalities -
    {% endif %}
    {% endifchanged %}

    {% ifchanged t.GoMeeting %}
    {% if GO_List|length > 1 %}
    All GOS
    {% else %}
    {{ t.GoMeeting }} GO
    {% endif %}
    {% endifchanged %}
    </caption>
    {% endif %}
{% endfor %}
<thead>
<tr>
<th>
    <div class="text">
    <a href="#">S. No</a>
    </div>
</th>
<th>
    <div class="text">
    <a href="#">Sector</a>
    </div>
</th>
<th style="text-align: right">
    <div class="text">
    <a href="#">No of ULBs</a>
    </div>
</th>
<th style="text-align: right">
    <div class="text">

```

```

        <a href="#">Approved Project Cost</a>
    </div>
</th>
<th style="text-align: right">
    <div class="text">
        <a href="#">KNMT Share</a>
    </div>
</th>
<th style="text-align: right">
    <div class="text">
        <a href="#">ULB Share</a>
    </div>
</th>
</tr>
</thead>
<tbody>
    {% for row in report %}
    <tr class="{% cycle 'row1' 'row2' %}">
        <td>{{ forloop.counter }} </td>
        <td>{{ row.Sector }} </td>
        <td style="text-align: right"> {{ row.NoM }} </td>
        <td style="text-align: right"> {{ row.ApprovedProjectCost }} </td>
        <td style="text-align: right"> {{ row.SchemeShare }} </td>
        <td style="text-align: right"> {{ row.ULBShare }} </td>
    </tr>
    {% endfor %}
</tbody>
<tr style="font-weight:bold; border-top:2px solid #DDDDDD;">
    <td style="text-align: right"> Total </td>
    <td></td>
    <td style="text-align: right"> {{ report_total.NoM }} </td>
    <td style="text-align: right"> {{ report_total.ApprovedProjectCost }}
</td>
    <td style="text-align: right"> {{ report_total.SchemeShare }} </td>
    <td style="text-align: right"> {{ report_total.ULBShare }} </td>
</tr>
</table>
</div>
<!-- ... -->
    {% load static %}
    <script type="text/javascript" src="vendors/xlsx-
0.15.1/dist/xlsx.full.min.js"></script>
    <script type="text/javascript">
        function createPDF() {
            var sTable = document.getElementById('results').innerHTML;

            var style = "<style>";
            style = style + ".report-h4 {text-align:center; text-transform:
uppercase; display:none;}";
            style = style + "title {text-align:center; text-transform: uppercase;
font-weight:bold; font-size:large;}";
            style = style + "table {width: 100%;font: 17px Calibri;}";
            style = style + "table, th, td {border: solid 1px #DDD; border-
collapse: collapse;";
            style = style + "padding: 2px 3px;text-align: center;}";
            style = style + ".text a{text-decoration: none; color:black}"
            style = style + "</style>";

```

```

        var win = window.open('', '', 'height=700,width=700');
        win.document.write('<html><head>');
        win.document.write(style);
        win.document.write('<title>'+$(".report-h4").html().toUpperCase()+'</title>');
        win.document.write('</head>');
        win.document.write('<body>');
        win.document.write(sTable);
        win.document.write('</body></html>');
        win.document.close();
        win.print();
    }
</script>
<script>
    function ExportToExcel(type, fn, dl) {
        var elt = document.getElementById('results');
        var wb = XLSX.utils.table_to_book(elt, { sheet: "sheet1" });
        return dl ?
            XLSX.write(wb, { bookType: type, bookSST: true, type: 'base64'
        }) :
            XLSX.writeFile(wb, fn || ('GOReport.' + (type || 'xlsx')));
    }
</script>
{% endblock %}

{% block pagination %}{% endblock %}

```

Report.html

```

{% extends 'admin/change_list.html' %}
{% load i18n admin_urls static admin_list %}
{% block content_title %}<div class="report-pdf"><h1>Sector Wise Report</h1>
<div class="btn-export"><input type="button" id="btnExport2" value="Export as
Excel" onclick="ExportToExcel('xlsx')"/> <input type="button" id="btnExport"
value="Export As Pdf" onclick="createPDF()" /></div></div>{% endblock %}
{% block extrastyle %}
    {{ block.super }}
    {% load static %}
    <link rel="stylesheet" type="text/css" href="{% static
"admin/css/changelists.css" %}">
    {% if cl.formset %}
        <link rel="stylesheet" type="text/css" href="{% static
"admin/css/forms.css" %}">
    {% endif %}
    {% if cl.formset or action_form %}
        <script src="{% url 'admin:jsi18n' %}"></script>
    {% endif %}
    {{ media.css }}
    {% if not actions_on_top and not actions_on_bottom %}
        <style>
            #changelist table thead th:first-child {width: inherit}
        </style>
    {% endif %}
    <style>
        .object-tools a.addlink{
            display: none;
        }
    </style>

```

```

        .btn-export{
            display: flex;
            margin-left: 465px;
        }
        #btnExport2{
            float: right !important;
            height: 45px;
        }
        #btnExport{
            float: right !important;
            height: 45px;
            margin-left: 5px;
        }
    =
    }
    .report-pdf{
        display: inline-flex;
    }
    td, th {
        font-size: 12px;
    }
    .report-h4{
        text-align: center;
        color:#666;
        margin-bottom: 15px;
        text-transform: uppercase;
        font-weight: bold;
    }
</style>
{% endblock %}

{% block result_list %}

    <div class="results" id="results">

        <table>
            {% regroup heading by Sector as Sector_list %}
            {% regroup heading by AgencyType__AgencyType as Agency_list %}
            {% regroup heading by Scheme__Scheme as Scheme_List %}
            {% for t in heading %}
                {% if forloop.counter > 1 %}

                    {% elif forloop.counter == 1 and t.AgencyType__AgencyType == "Town
Panchayat" and t.Scheme__Scheme == 'KNMT'%}
                        <caption class="report-h4" id="heading">
                            {% ifchanged t.Scheme__Scheme %}
                                {% if Scheme_List|length > 1 %}
                                    All SCHEMES -
                                {% else %}
                                    KALAIGNAR NAGARPURA MEMPATTU THITTAM (KNMT) -
                                {% endif %}
                            {% endifchanged %}

                            {% ifchanged t.AgencyType__AgencyType %}
                                {% if Agency_list|length > 1 %} COMMISSIONERATE OF TOWN PANCHAYATS
AND
                                    DIRECTORATE of MUNICIPALITIES -
                                {% else %}

```

```

        COMMISSIONERATE OF TOWN PANCHAYATS -
        {% endif %}
    {% endifchanged %}

    {% ifchanged t.Sector %}
        {% if Sector_list|length > 1 %}
            ALL PROJECTS
        {% else %}
            {{ t.Sector }} PROJECTS
        {% endif %}
    {% endifchanged %}
</caption>
{% elif forloop.counter == 1 and t.AgencyType__AgencyType ==
"Municipality" and t.Scheme__Scheme == 'KNMT'%}
    <caption class="report-h4" id="heading">
        {% ifchanged t.Scheme__Scheme %}
            {% if Scheme_List|length > 1 %}
                ALL SCHEMES -
            {% else %}
                KALAIgnAR NAGARPURA MEMPATTU THITTAM (KNMT) -
            {% endif %}
        {% endifchanged %}

        {% ifchanged t.AgencyType__AgencyType %}
            {% if Agency_list|length > 1 %} COMMISSIONERATE OF TOWN PANCHAYATS
AND
                DIRECTORATE of MUNICIPALITIES -
            {% else %}
                DIRECTORATE of MUNICIPALITIES -
            {% endif %}
        {% endifchanged %}

        {% ifchanged t.Sector %}
            {% if Sector_list|length > 1 %}
                ALL PROJECTS
            {% else %}
                {{ t.Sector }} PROJECTS
            {% endif %}
        {% endifchanged %}
    </caption>
{% endif %}
{% endfor %}
<thead>
    <tr>
        <th style="text-align: center">
            <div class="text">
                <a href="#">S. No</a>
            </div>
        </th>
        <th style="text-align: center">
            <div class="text">
                <a href="#">Name of<br>the District</a>
            </div>
        </th>
        <th style="text-align: center">
            <div class="text">
                <a href="#">Name of<br>the ULB</a>

```

```

        </div>
    </th>
    <th style="text-align: center;">
        <div class="text">
            <a href="#">Sector</a>
        </div>
    </th>

    <th style="text-align: center;">
        <div class="text">
            <a href="#">Project ID</a>
        </div>
    </th>
    <th style="text-align: center;">
        <div class="text">
            <a href="#">Name of the Project</a>
        </div>
    </th>
    <th style="text-align: right">
        <div class="text">
            <a href="#">Project<br>Cost</a>
        </div>
    </th>
    <th style="text-align: right">
        <div class="text" >
            {% for t in heading %}
            {% if forloop.first and t.Scheme__Scheme == 'KNMT' %}
                <a href="#"> KNMT<br>Share</a>
            {% endif %}
            {% endfor %}
        </div>
    </th>
    <th style="text-align: right">
        <div class="text" >
            <a href="#">ULB<br>Share</a>
        </div>
    </th>
</tr>
</thead>
<tbody>
    {% for row in report %}
    <tr class="{% cycle 'row1' 'row2' %}">
        <td style="text-align: center"> {{ forloop.counter }} </td>
        <td style="text-align: center"> {{ row.District__District }} </td>
        <td style="text-align: center"> {{ row.AgencyName__AgencyName }} </td>
        <td> {{ row.Sector }}</td>
        <td> {{ row.Project_ID }}</td>
        <td> {{ row.ProjectName}} </td>
        <td style="text-align: right"> {{ row.ApprovedProjectCost }} </td>
        <td style="text-align: right"> {{ row.SchemeShare }} </td>
        <td style="text-align: right"> {{ row.ULBShare }} </td>
    </tr>
    {% endfor %}
</tbody>
<tr style="font-weight:bold; border-top:2px solid #DDDDDD;">
    <td></td>
    <td></td>

```

```

        <td></td>
        <td></td>
        <td></td>
        <td style="text-align: right"> Total </td>
        <td style="text-align: right">{{ report_total.ApprovedCost }}</td>
        <td style="text-align: right">{{ report_total.SchemeShare }}</td>
        <td style="text-align: right">{{ report_total.ULBShare }}</td>
    </tr>
</table>
</div>
<!-- ... -->
{% load static %}
<script type="text/javascript" src="vendors/xlsx-
0.15.1/dist/xlsx.full.min.js"></script>
<script type="text/javascript">
    function createPDF() {
        var sTable = document.getElementById('results').innerHTML;

        var style = "<style>";
        style = style + ".report-h4 {text-align:center; text-transform:
uppercase; display:none;}";
        style = style + "title {text-align:center; text-transform: uppercase;
font-weight:bold; font-size:large;}";
        style = style + "table {width: 100%;font: 17px Calibri;}";
        style = style + "table, th, td {border: solid 1px #DDD; border-
collapse: collapse;}";
        style = style + "padding: 2px 3px;}";
        style = style + ".text a{text-decoration: none; color:black; thead tr
th{background-color:grey;}";
        style = style + "</style>";

        var win = window.open('', '', 'height=700,width=700');
        win.document.write('<html><head>');
        win.document.write('<title>'+$(".report-
h4").html().toUpperCase()+'</title>');
        win.document.write(style);

        win.document.write('</head>');
        win.document.write('<body>');
        win.document.write(sTable);
        win.document.write('</body></html>');
        win.document.close();
        win.print();
    }
</script>
<script>
    function ExportToExcel(type, fn, dl) {
        var elt = document.getElementById('results');
        var wb = XLSX.utils.table_to_book(elt, { sheet: "sheet1" });
        return dl ?
            XLSX.write(wb, { bookType: type, bookSST: true, type: 'base64'
}) :
            XLSX.writeFile(wb, fn || ('SectorWiseReport.' + (type ||
'xlsx')));
    }
</script>
{% endblock %}

```

```
{% block pagination %}{% endblock %}
```

ULBpandetails.html

```
{% extends "admin/base_site.html" %}
{% load i18n admin_urls static admin_modify %}

{% block extrahead %}{{ block.super }}
<script src="{% url 'admin:jsi18n' %}"></script>
{{ media }}
{% endblock %}

{% block extrastyle %}{{ block.super }}<link rel="stylesheet" type="text/css"
href="{% static "admin/css/forms.css" %}">{% endblock %}

{% block coltype %}colM{% endblock %}

{% block bodyclass %}{{ block.super }} app-{{ opts.app_label }} model-{{
opts.model_name }} change-form{% endblock %}

{% if not is_popup %}
{% block breadcrumbs %}
<div class="breadcrumbs">
<a href="{% url 'admin:index' %}">{% translate 'Home' %}</a>
&rsaquo; <a href="{% url 'admin:app_list' app_label=opts.app_label %}">{{
opts.app_config.verbose_name }}</a>
&rsaquo; {% if has_view_permission %}<a href="{% url
opts|admin_urlname:'changelist' %}">{{ opts.verbose_name_plural|capfirst
}}</a>{% else %}{{ opts.verbose_name_plural|capfirst }}{% endif %}
&rsaquo; {% if add %}{% blocktranslate with name=opts.verbose_name %}Add {{
name }}{% endblocktranslate %}{% else %}{{ original|truncatewords:"18" }}{%
endif %}
</div>
{% endblock %}
{% endif %}

{% block content %}<div id="content-main">
{% block object-tools %}
{% if change %}{% if not is_popup %}
<ul class="object-tools">
    {% block object-tools-items %}
    {% change_form_object_tools %}
    {% endblock %}
</ul>
{% endif %}{% endif %}
{% endblock %}
<form {% if has_file_field %}enctype="multipart/form-data" {% endif %}{% if
form_url %}action="{{ form_url }}" {% endif %}method="post" id="{{
opts.model_name }}_form" novalidate>{% csrf_token %}{% block form_top %}{%
endblock %}
<div>
{% if is_popup %}<input type="hidden" name="{{ is_popup_var }}" value="1">{%
endif %}
{% if to_field %}<input type="hidden" name="{{ to_field_var }}" value="{{
to_field }}">{% endif %}
```

```

{% if save_on_top %}{% block submit_buttons_top %}{% submit_row %}{% endblock %}{% endif %}
{% if errors %}
    <p class="errornote">
        {% if errors|length == 1 %}{% translate "Please correct the error below." %}{% else %}{% translate "Please correct the errors below." %}{% endif %}
    </p>
    {{ adminform.form.non_field_errors }}
{% endif %}

{% block field_sets %}
{% for fieldset in adminform %}
    {% include "admin/includes/fieldset.html" %}
{% endfor %}
{% endblock %}

{% block after_field_sets %}{% endblock %}

{% block inline_field_sets %}
{% for inline_admin_formset in inline_admin_formsets %}
    {% include inline_admin_formset.opts.template %}
{% endfor %}
{% endblock %}

{% block after_related_objects %}{% endblock %}

{% block submit_buttons_bottom %}{% submit_row %}{% endblock %}

{% block admin_change_form_document_ready %}
    <script id="django-admin-form-add-constants"
        src="{% static 'admin/js/change_form.js' %}"
        {% if adminform and add %}
            data-model-name="{{ opts.model_name }}"
        {% endif %}
        async>
    </script>
{% endblock %}

{# JavaScript for prepopulated fields #}
{% prepopulated_fields_js %}
<script>
    $(document).on('click', '.default', function (){
        return confirm('Please recheck the entered field.');
```

Includes folder source code

Footer.html

```

<footer class="footer-content text-center text-lg-start text-white">
    <section class="footer-header d-flex justify-content-between p-4">
```

```

<div class="me-5">
  <span>Get connected with us on social networks:</span>
</div>
<div>
  <a href="#" class="text-white me-4">
    <i title="facebook" class="fa fa-facebook" data-toggle="tooltip"></i>
  </a>
  <a href="#" class="text-white me-4">
    <i title="Google Plus" class="fa fa-google-plus" data-
toggle="tooltip"></i>
  </a>
  <a href="#" class="text-white me-4">
    <i title="Instagram" class="fa fa-instagram" data-
toggle="tooltip"></i>
  </a>
  <a href="#" class="text-white me-4">
    <i title="Youtube" class="fa fa-youtube-play" data-
toggle="tooltip"></i>
  </a>
</div>
</section>
<section class="">
  {% for i in tufidco_info %}
    <div class="container-fluid text-center text-md-start mt-5">
      <div class="row mt-3">
        <div class="col-md-3 col-lg-4 col-xl-3 mx-auto mb-4">
          <h6 class="text-uppercase fw-bold">{{ i.title }}</h6>
          <hr class="mb-4 mt-0 d-inline-block mx-auto" style="width: 60px;
background-color: #75cf9e; height: 2px"/>
          <p class="about-footer">{{ i.about }}</p>
        </div>
        <div class="col-md-2 col-lg-2 col-xl-2 mx-auto mb-4">
          <h6 class="text-uppercase fw-bold">Schemes</h6>
          <hr class="mb-4 mt-0 d-inline-block mx-auto footer-link"
style="width: 60px; background-color: #75cf9e; height: 2px"/>
          <p><a href="{% url 'knmt' %}" class="text-white">KNMT</a></p>
          <p><a href="{% url 'SChennai2.0' %}" class="text-white">Singara
Chennai 2.0</a></p>
          <p><a href="#" class="text-white">IUDM</a></p>
          <p><a href="#" class="text-white">Smart City</a></p>
        </div>
        <div class="col-md-3 col-lg-2 col-xl-2 mx-auto mb-4">
          <h6 class="text-uppercase fw-bold">Quick links</h6>
          <hr class="mb-4 mt-0 d-inline-block mx-auto footer-link"
style="width: 60px; background-color: #75cf9e; height: 2px"/>
          <p><a href="{% url 'gallery' %}" class="text-
white">Gallery</a></p>
          <p><a href="{% url 'about' %}" class="text-white">About</a></p>
          <p><a href="{% url 'contact' %}" class="text-white">Contact
us</a></p>
          <p><a href="{% url 'faq' %}" class="text-white">FAQ</a></p>
        </div>
        <div class="col-md-4 col-lg-3 col-xl-3 mx-auto mb-md-0 mb-4">
          <h6 class="text-uppercase fw-bold">Contact</h6>
          <hr class="mb-4 mt-0 d-inline-block mx-auto" style="width: 60px;
background-color: #75cf9e; height: 2px"/>
          <p><i class="fa fa-home mr-3"></i> {{ i.address }}</p>

```

```

        <p><i class="fa fa-envelope mr-3"></i> {{ i.email }}</p>
        <p><i class="fa fa-phone-square mr-3"></i> {{ i.Number }}</p>
        <p><i class="fa fa-fax mr-3"></i> {{ i.fax }}</p>
    </div>
</div>
</div>
{% endfor %}
</section>
<div class="text-center p-3" style="background-color: rgba(0, 0, 0,
0.2)">Copyright ©
    <a class="text-white copyright" href="#">TUFIDCO Schemes 2021</a>
</div>
</footer>

```

Header.html

```

<footer class="footer-content text-center text-lg-start text-white">
    <section class="footer-header d-flex justify-content-between p-4">
        <div class="me-5">
            <span>Get connected with us on social networks:</span>
        </div>
        <div>
            <a href="#" class="text-white me-4">
                <i title="facebook" class="fa fa-facebook" data-toggle="tooltip"></i>
            </a>
            <a href="#" class="text-white me-4">
                <i title="Google Plus" class="fa fa-google-plus" data-
toggle="tooltip"></i>
            </a>
            <a href="#" class="text-white me-4">
                <i title="Instagram" class="fa fa-instagram" data-
toggle="tooltip"></i>
            </a>
            <a href="#" class="text-white me-4">
                <i title="Youtube" class="fa fa-youtube-play" data-
toggle="tooltip"></i>
            </a>
        </div>
    </section>
    <section class="">
        {% for i in tufidco_info %}
            <div class="container-fluid text-center text-md-start mt-5">
                <div class="row mt-3">
                    <div class="col-md-3 col-lg-4 col-xl-3 mx-auto mb-4">
                        <h6 class="text-uppercase fw-bold">{{ i.title }}</h6>
                        <hr class="mb-4 mt-0 d-inline-block mx-auto" style="width: 60px;
background-color: #75cf9e; height: 2px"/>
                        <p class="about-footer">{{ i.about }}</p>
                    </div>
                    <div class="col-md-2 col-lg-2 col-xl-2 mx-auto mb-4">
                        <h6 class="text-uppercase fw-bold">Schemes</h6>
                        <hr class="mb-4 mt-0 d-inline-block mx-auto footer-link"
style="width: 60px; background-color: #75cf9e; height: 2px"/>
                        <p><a href="{% url 'knmt' %}" class="text-white">KNMT</a></p>

```

```

        <p><a href="{% url 'SChennai2.0' %}" class="text-white">Singara
Chennai 2.0</a></p>
        <p><a href="#" class="text-white">IUDM</a></p>
        <p><a href="#" class="text-white">Smart City</a></p>
    </div>
    <div class="col-md-3 col-lg-2 col-xl-2 mx-auto mb-4">
        <h6 class="text-uppercase fw-bold">Quick links</h6>
        <hr class="mb-4 mt-0 d-inline-block mx-auto footer-link"
style="width: 60px; background-color: #75cf9e; height: 2px"/>
        <p><a href="{% url 'gallery' %}" class="text-
white">Gallery</a></p>
        <p><a href="{% url 'about' %}" class="text-white">About</a></p>
        <p><a href="{% url 'contact' %}" class="text-white">Contact
us</a></p>
        <p><a href="{% url 'faq' %}" class="text-white">FAQ</a></p>
    </div>
    <div class="col-md-4 col-lg-3 col-xl-3 mx-auto mb-md-0 mb-4">
        <h6 class="text-uppercase fw-bold">Contact</h6>
        <hr class="mb-4 mt-0 d-inline-block mx-auto" style="width: 60px;
background-color: #75cf9e; height: 2px"/>
        <p><i class="fa fa-home mr-3"></i> {{ i.address }}</p>
        <p><i class="fa fa-envelope mr-3"></i> {{ i.email }}</p>
        <p><i class="fa fa-phone-square mr-3"></i> {{ i.Number }}</p>
        <p><i class="fa fa-fax mr-3"></i> {{ i.fax }}</p>
    </div>
</div>
</div>
    {% endfor %}
</section>
    <div class="text-center p-3" style="background-color: rgba(0, 0, 0,
0.2)">Copyright ©
        <a class="text-white copyright" href="#">TUFIDCO Schemes 2021</a>
    </div>
</footer>

```

Pages folder code:

About.html

```

{% extends 'base.html' %}
{% block title %}TUFIDCO Schemes | About{% endblock %}
{% block content %}
    {% include 'includes/header.html' %}
    <div class="container">
        <div class="contain-box">
            {% for i in about_text %}
                <h2 class="tm-text-primary about-title">{{ i.title }}</h2>
                <p class="tm-text-black-light about-p">{{ i.about_text }}</p>
            {% endfor %}
        </div>
    </div>
    {% include 'includes/footer.html' %}
{% endblock %}

```

Adminlogin.html

```

{% extends 'base.html' %}
{% block title %}Admin Login{% endblock %}
{% block extrastyle %}

```

```

<style>
  .form-control {
    background: #f4f7fa;
    padding: 10px 20px;
    font-size: 14px;
  }

  .form-control:focus {
    background: #f4f7fa;
  }

  .form-control::-moz-placeholder {
    color: #aaaeb3;
    opacity: 1;
  }

  .custom-select:-ms-input-placeholder,
  .form-control:-ms-input-placeholder {
    color: #aaaeb3;
  }

  .form-control::-webkit-input-placeholder {
    color: #aaaeb3;
  }

  .input-group {
    background: #f4f7fa;
  }

  .input-group .input-group-text {
    padding-left: 15px;
    padding-right: 15px;
    background: transparent;
  }

  .input-group .input-group-text i {
    font-size: 20px;
  }

  .input-group .custom-file-label {
    margin-bottom: 0;
  }

  .input-group .btn {
    margin-bottom: 0;
    margin-right: 0;
  }

  .form-control {
    background: #f4f7fa !important;
    padding: 10px 20px;
    font-size: 14px;
    border-radius: 5px;
  }

  .form-control:focus {
    background: #f4f7fa;
    border-color: rgba(20, 95, 142, 0.65);
    box-shadow: 0 0 5px #145F8E !important;
  }

  .form-control::-moz-placeholder {
    color: #aaaeb3;
    opacity: 1;
  }

  .form-control:-ms-input-placeholder {

```

```

    color: #aaaeb3;
}
.form-control::-webkit-input-placeholder {
    color: #aaaeb3;
}
</style>
{% endblock %}
{% block content %}
    <div class="auth-wrapper">
        <div class="auth-content">
            <div class="auth-bg">
                <span class="r"></span>
                <span class="r s"></span>
                <span class="r s"></span>
                <span class="r"></span>
            </div>
            <div class="card">
                <div class="card-body text-center">
                    <br><br>
                    <div class="mb-4">
                        <i class="fa fa-unlock auth-icon"></i>
                    </div>
                    <h3 class="mb-4">Login</h3>
                    <form role="form" method="post">
                        {% csrf_token %}
                        <div class="input-group mb-3">
                            <input type="text" name="username" placeholder="Username"
class="form-control" required="" id="id_username">
                        </div>
                        <div class="input-group mb-4">
                            <input type="password" name="password" placeholder="Password"
class="form-control" required="" id="id_password">
                        </div>
                        {% if form.non_field_errors %}
                            <div class="form-errors">
                                {% for error in form.non_field_errors %}
                                    <div class="alert alert-danger" role="alert">
                                        Wrong Username or Password<br>Please enter again! or
Click on <a class="forgotPass" href="#">forgot password?</a>
                                    </div>
                                {% endfor %}
                            </div>
                        {% endif %}
                        <button type="submit" name="login" class="btn btn-grad mb-
4">Login</button>
                    </form>
                    <br><br><br>
                </div>
            </div>
        </div>
    </div>
{% endblock %}

```

Contact.html

```

{% extends 'base.html' %}
{% block content %}
    {% include 'includes/header.html' %}
    <div class="container tm-mt-60">
        <div class="row tm-mb-50">
            <div class="col-lg-6 col-12 mb-5">
                <div class="tm-address-col ml-80">
                    <h2 class="address tm-text-primary1 mb-5">Our Address</h2>
                    {% for i in tufidco_info %}
                    <address class="tm-text-gray-dark tm-mb-50">{{ i.address }}</address>
                    <ul class="tm-contacts">
                        <li><a class="tm-text-gray-dark"><i class="fa fa-envelope"></i>{{
i.email }}</a></li>
                        <li><a class="tm-text-gray-dark"><i class="fa fa-phone"></i>{{
i.Number }}</a></li>
                        <li><a class="tm-text-gray-dark"><i class="fa fa-globe"></i>{{
i.webURL }}</a></li>
                        <li><a class="tm-text-gray-dark"><i class="fa fa-fax"></i>{{ i.fax
}}</a></li>
                    </ul>
                    {% endfor %}
                </div>
            </div>
            <div class="col-lg-4 col-12">
                <h2 class="tm-text-primary1 mb-5">Our Location</h2>
                <!-- Map -->
                <div class="mapouter mb-4">
                    <div id="map" class="map-contact"></div>
                    <script>
                        var long = 13.0376246
                        var lat = 80.2319139
                        mapboxgl.accessToken =
"pk.eyJ1IjoieYXJ5YW5iaGF0dDEwMDIiLCJhIjoieY2tqaDFmcnloNDZpYTJybnFvbmkoTliNyJ9.Im
W_FZl5b1VBm1bYaLyziA";
                        var map = new mapboxgl.Map({
                            container: 'map',
                            style: 'mapbox://styles/mapbox/streets-v10',
                            center: [lat,long], // starting position
                            zoom: 13 // starting zoom
                        });
                        // Set marker options.
                        const marker = new mapboxgl.Marker({
                            color: "#145f8E",
                            draggable: true
                        }).setLngLat([lat,long]).addTo(map);
                        map.addControl(new mapboxgl.NavigationControl());
                    </script>
                </div>
            </div>
        </div>
    </div>

```

```

</div>
<!-- container -->
<div class="container">
  <h2 class="tm-text-primary1 mb-5">Officers</h2>
  <div class="row tm-mb-74 tm-people-row">
    {% for i in Officer %}
      <div class="people-card col-lg col-md col-sm col-3 mb-5">
        {% load static %}
        
        <h2 class="tm-text-primary tm-person-name mb-4">{{ i.name }}</h2>
        <h3 class="tm-text-secondary tm-designation h5 mb-4">{{ i.Designation
}}</h3>
      </div>
    {% endfor %}
  </div>
  {% include 'includes/footer.html' %}
{% endblock %}

```

Faq.html

```

{% extends 'base.html' %}
{% block title %}TUFIDCO Schemes | FAQ{% endblock %}
{% block content %}
  {% include 'includes/header.html' %}
  <div class="container tm-container-content tm-mt-60">
    <div class="contain-box">
      <h2 class="tm-text-primary">KNMT</h2>
      <div class="accordion" id="myAccordion" >
        {% for i in Scheme_name %}
          <div class="accordion-item">
            <h2 class="accordion-header" id="heading{{ i.question_id }}">
              <button type="button" class="accordion-button accordion-button-
style collapsed" data-bs-toggle="collapse" data-bs-target="#collapse{{
i.question_id }}">{{ i.question }}</button>
            </h2>
            <div id="collapse{{ i.question_id }}" class="accordion-collapse
collapse " data-bs-parent="#myAccordion">
              <div class="card-body">
                <p>{{ i.answer|linebreaks }}</p>
              </div>
            </div>
          </div>
        {% endfor %}
      </div>
    </div>
    <div class="contain-box">
      <h2 class="tm-text-primary">Singara Chennai 2.0</h2>
      <div class="accordion" id="myAccordion" >
        {% for i in scheme_name2 %}
          <div class="accordion-item">
            <h2 class="accordion-header" id="heading{{ i.question_id }}">
              <button type="button" class="accordion-button accordion-button-
style collapsed" data-bs-toggle="collapse" data-bs-target="#collapse{{
i.question_id }}">{{ i.question }}</button>
            </h2>

```

```

        <div id="collapse{{ i.question_id }}" class="accordion-collapse
collapse " data-bs-parent="#myAccordion">
            <div class="card-body">
                <p>{{ i.answer|linebreaks }}</p>
            </div>
        </div>
    </div>
    </div>
    {% endfor %}
</div>
</div>
{% include 'includes/footer.html' %}
{% endblock %}

```

Gallery.html

```

{% extends 'base.html'%}
{% block title %}TUFIDCO Schemes | Gallery{% endblock %}
{% block content %}
    {% include 'includes/header.html' %}
    <div class="container tm-container-content tm-mt-60">
        <div class="row mb-4">
            <h2 class="col-6 tm-text-primary">Latest Photos</h2>
        </div>
        <div class="tf-button-row row mb-4">
            <ul id="ul-filter">
                <li>
                    <a class="btn btn-outline-primary filter-button active-button" data-
filter="all">All</a>
                </li>
                {% for places in gallery_places %}
                <li>
                    <a class="btn btn-outline-primary filter-button" data-filter="{{
places }}">{{ places }}</a>
                </li>
                {% endfor %}
            </ul>
        </div>
        <div class="row tm-mb-90 tm-gallery">
            {% for i in gallery%}
            <div class="col-xl-3 col-lg-4 col-md-6 col-sm-6 col-12 mb-5 filter {{
i.type }}">
                <figure class="effect-ming tm-video-item">
                    
                </figure>
                <div class="d-flex justify-content-between tm-text-gray">
                    <span class="tm-text-gray">{{ i.place }}</span>
                    <span>{{ i.Date }}</span>
                </div>
            </div>
            {% endfor %}
        </div>
        </div>
        <a href="#" class="scrollup"><i class="fa fa-angle-up active"></i></a>
    {% include 'includes/footer.html' %}
{% endblock %}
{% block js-foot %}

```

```
{% load static %}
<script src="{% static 'js/gallery.js' %}"></script>
{% endblock %}
```

Home.html

```
{% extends 'base.html' %}
{% block title %}TUFIDCO Schemes | Home{% endblock %}
{% block content %}
    {% include 'includes/header.html' %}
    <!-- Carousel -->
    <div id="carouselIndicators" class="carousel slider" data-ride="carousel">
        <ol class="carousel-indicators">
            <li data-target="#carouselIndicators" data-slide-to="0"
class="active"></li>
            <li data-target="#carouselIndicators" data-slide-to="1"></li>
            <li data-target="#carouselIndicators" data-slide-to="2"></li>
        </ol>
        <div class="carousel-inner">
            {% for i in mainSlider%}
                <div class="carousel-item {% if forloop.first %} active{% endif %}">
                    
                </div>
            {% endfor %}
        </div>
        <a class="carousel-control-prev" href="#carouselIndicators" role="button"
data-slide="prev">
            <span class="carousel-control-prev-icon" aria-hidden="true"></span>
            <span class="sr-only">Previous</span>
        </a>
        <a class="carousel-control-next" href="#carouselIndicators" role="button"
data-slide="next">
            <span class="carousel-control-next-icon" aria-hidden="true"></span>
            <span class="sr-only">Next</span>
        </a>
    </div>
    <!-- End Carousel -->
    <!-- Information Card -->
    <div id="carousels" class="carousel slide" data-ride="carousel">
        <div class="carousels-inner">
            <div class="carousel-item active">
                <div class="carousel-caption">
                    <h3 class="p-details">Project Details</h3>
                    <div class="row ">
                        <div class="col-lg-3 col-sm-6">
                            <div class="card-box bg-blue">
                                <div class="inner">
                                    <p style="text-align: center; font-size: large">Total
Projects</p>
                                    <h3 style="text-align: center"> {{ total_projects }} </h3>
                                </div>
                            </div>
                        </div>
                        <div class="col-lg-3 col-sm-6">
                            <div class="card-box bg-green">
                                <div class="inner">
```

```

                <p style="text-align: center; font-size: large">Total
Cost</p>
                <h3 style="text-align: center">&#8377; {{
project_cost.project_cost }} lakhs</h3>
            </div>
        </div>
    </div>
    <div class="col-lg-3 col-sm-6">
        <div class="card-box bg-orange">
            <div class="inner">
                <p style="text-align: center; font-size: large">KNMT
Share</p>
                <h3 style="text-align: center">&#8377; {{ knmt.knmt_share }}
lakhs</h3>
            </div>
        </div>
    </div>
    <div class="col-lg-3 col-sm-6">
        <div class="card-box bg-red">
            <div class="inner">
                <p style="text-align: center; font-size: large">ULB Share</p>
                <h3 style="text-align: center">&#8377; {{ ulb_share.ulb_share
}} lakhs</h3>
            </div>
        </div>
    </div>
    </div>
    <div class="carousel-item">
        <div class="carousel-caption">
            <h3 class="p-details"> DMA Project Details</h3>
            <div class="row ">
                <div class="col-lg-3 col-sm-6">
                    <div class="card-box bg-blue">
                        <div class="inner">
                            <p style="text-align: center; font-size: large">Total
Projects</p>
                            <h3 style="text-align: center"> {{ dmp_total_projects }}
</h3>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
    <div class="col-lg-3 col-sm-6">
        <div class="card-box bg-green">
            <div class="inner">
                <p style="text-align: center; font-size: large">Total
Cost</p>
                <h3 style="text-align: center"> &#8377; {{
dmp_project_cost.dmp_project_cost }} lakhs</h3>
            </div>
        </div>
    </div>
    <div class="col-lg-3 col-sm-6">
        <div class="card-box bg-orange">
            <div class="inner">

```

```

        <p style="text-align: center; font-size: large">KNMT
Share</p>
        <h3 style="text-align: center">₹ {{ dmp_knmt.dmp_knmt
}} lakhs</h3>
    </div>
</div>
</div>
<div class="col-lg-3 col-sm-6">
    <div class="card-box bg-red">
        <div class="inner">
            <p style="text-align: center; font-size: large">ULB Share</p>
            <h3 style="text-align: center">₹ {{
dmp_ulb_share.dmp_ulb_share }} lakhs</h3>
        </div>
    </div>
</div>
</div>
</div>
<div class="carousel-item">
    <div class="carousel-caption">
        <h3 class="p-details"> CTP Project Details</h3>
        <div class="row ">
            <div class="col-lg-3 col-sm-6">
                <div class="card-box bg-blue">
                    <div class="inner">
                        <p style="text-align: center; font-size: large">Total
Projects</p>
                        <h3 style="text-align: center"> {{ ctp_total_projects }}
</h3>
                    </div>
                </div>
</div>
<div class="col-lg-3 col-sm-6">
                <div class="card-box bg-green">
                    <div class="inner">
                        <p style="text-align: center; font-size: large">Total
Cost</p>
                        <h3 style="text-align: center">₹ {{
ctp_project_cost.ctp_project_cost }} lakhs</h3>
                    </div>
                </div>
</div>
<div class="col-lg-3 col-sm-6">
                <div class="card-box bg-orange">
                    <div class="inner">
                        <p style="text-align: center; font-size: large">KNMT
Share</p>
                        <h3 style="text-align: center">₹ {{ ctp_knmt.ctp_knmt
}} lakhs</h3>
                    </div>
                </div>
</div>
<div class="col-lg-3 col-sm-6">
                <div class="card-box bg-red">
                    <div class="inner">
                        <p style="text-align: center; font-size: large">ULB Share</p>

```

```

        <h3 style="text-align: center">&#8377; {{
ctp_ulb_share.ctp_ulb_share }} lakhs</h3>
    </div>
    </div>
    </div>
    </div>
    </div>
    </div>
    </div>
    </div>
    </div>
    <!-- PDF Download -->
    <hr>
    <div class="flex-container container">
        <div class="flex-child download-pdf">
            <h3>Latest update</h3><hr>
            <marquee behavior="scroll" direction="up" scrollamount="4"
onmouseover="this.stop();" onmouseout="this.start();">
                <a href="#" download>Download the pdf &nbsp;<i class="fa fa-file-pdf-
o"></i></a>
                <p id="dat"></p>
                <a href="#" download>Download the pdf &nbsp;<i class="fa fa-file-pdf-
o"></i></a>
                <p id="da"></p>
                <a href="#" download>Download the pdf&nbsp;<i class="fa fa-file-pdf-
o"></i></a>
                <p id="date"></p>
            </marquee>
        </div>
    </div>
    <!-- Slides container -->
    <div class="flex-child">
        <h3>Reforms</h3><hr>
        <div id="carouselExampleSlidesOnly" class="carousel slide" data-
ride="carousel">
            <div class="carousel-inner carousel-inner-item">
                {% for i in formSlider%}
                <div class="carousel-item {% if forloop.first %}active{% endif %}">
                    
alt="First slide" >
                    <div class="carousel-title">
                        <h3>{{ i.title }}</h3>
                    </div>
                </div>
                {% endfor %}
            </div>
        </div>
    </div>
    <!-- Map Design -->
    <div class="flex-child">
        <h3>Location</h3><hr>
        <div id='map' style='overflow:hidden;width:400px;height: 300px'></div>
        {% load static %}
        <script>
            var long = 13.0376246
            var lat = 80.2319139
            mapboxgl.accessToken =
"pk.eyJ1IjoieYXJ5YW5iaGF0dDEwMDIiLCJhIjoieY2tqaDFmcnlONDFpYTJybnFvbmkoTliNyJ9.Im
W_FZl5b1VBm1bYaLyziA";

```

```

var map = new mapboxgl.Map({
  container: 'map',
  style: 'mapbox://styles/mapbox/streets-v10',
  center: [lat,long], // starting position
  zoom: 13 // starting zoom
});
// Set marker options.
const marker = new mapboxgl.Marker({
  color: "#145f8E",
  draggable: true
}).setLngLat([lat,long]).addTo(map);
map.addControl(new mapboxgl.NavigationControl());
// Add geolocate control to the map.
map.addControl(
  new mapboxgl.GeolocateControl({
    positionOptions: {
      enableHighAccuracy: true
    },
    // When active the map will receive updates to the device's
location as it changes.
    trackUserLocation: true,
    // Draw an arrow next to the location dot to indicate which
direction the device is heading.
    showUserHeading: true
  })
);
</script>
</div>
</div>
<!--End Slides container -->
<!-- Photo gallery -->
<div class="photo-gallery">
  <hr><h3 class="photoslider-h3 ">Photo Gallery</h3>
  <marquee behavior="scroll" direction="left" scrollamount="10"
onmouseover="this.stop();" onmouseout="this.start();">
    {% for i in gallery_photos %}
      
    {% endfor %}
  </marquee>
  <hr>
</div>
<!-- End Photo Gallery-->
{% include 'includes/footer.html' %}
<!-- End Footer-->
{% endblock %}
{% block js-foot %}
  <script>
    document.getElementById("date").innerHTML = '25-10-2020';
    document.getElementById("dat").innerHTML = Date();
    document.getElementById("da").innerHTML = Date();
    $(function () {
      $('[data-toggle="tooltip"]').tooltip()
    })
  </script>
{% endblock %}

```

KnmtAdministrativeSanction.html

```
{% extends 'base.html' %}
{% url 'knmt' as knmtatglance_url %}
{% url 'knmtAS' as knmtAS_url %}
{% block title %}TUFIDCO Schemes | KNMT{% endblock %}
{% block content %}
    {% include 'includes/header.html' %}
    <div class="container container-scheme">
        <div class="row">
            <div class="col-sm-4">
                <div class="scheme-link">
                    <div class="con">&nbsp;<i class="icon fa fa-eye"></i><a
class="scheme-href{% if request.path == knmtatglance_url %}active-text{% endif
%}" href="{% url 'knmt' %}">At glance</a></div>
                    <div class="con">&nbsp;<i class="icon fa fa-book"></i><a
class="scheme-href" href="#">Guidelines</a></div>
                    <div class="con">&nbsp;<i class="icon fa fa-user"></i><a
class="scheme-href{% if request.path == knmtAS_url %}active-text{% endif %}"
href="{% url 'knmtAS' %}">Administrative Sanction</a></div>
                </div>
            </div>
            <div class="col-sm-8">
                <h1 class="scheme-h1">Kalaingar Nagarpura MEMPATTU THITTAM (KNMT)</h1>
                <h2>ADMINISTRATIVE SANCTION</h2>
                <p class="scheme-p">
                    <span>Introduction<br><br></span>
                    In Tamil Nadu, there are 14 Corporations (except Greater Chennai Corporation), 121 Municipalities and 528 Town Panchayats. Many schemes taken up in the recent years such as Smart Cities Mission, AMRUT are aimed at improving the infrastructure facilities of Corporations and major towns alone. Smart Cities Mission is being implemented only in 11 Corporations. AMRUT is also being implemented in 28 Towns only. The coverage of schemes in Corporations is relatively high when compared to Municipalities and Town Panchayats. Hence it has been decided to introduce a new Scheme "Kalaingar Nagarpura MEMPATTU THITTAM"(KNMT) in all 121 Municipalities and 528 Town Panchayats so as to fulfil the infrastructural gaps in these Urban Local Bodies.
                    <br><br>For further details refer the given documents below
                </p>

                &nbsp;&nbsp;<span style="font-family: 'palatinolinotype';;"></span>
                &nbsp;<a href="KNMT_ADD.pdf" download style="text-decoration: none;">Download the ppt&nbsp;<i class="fa fa-file-pdf-o" style="color:red"></i></a><br><br>

                &nbsp;&nbsp;<span style="font-family: 'palatinolinotype';;" ></span>&nbsp;<a href="KNMT_ADD2.pdf" download style="text-decoration: none;">Download the pdf&nbsp;<i class="fa fa-file-pdf-o" style="color:red"></i></a><br><br>
            </div>
        </div>
    </div>
    {% include 'includes/footer.html' %}
{% endblock %}
```

Knmtgalance.html

```
{% extends 'base.html' %}
```

```

{% url 'knmt' as knmtatglance_url %}
{% url 'knmtAS' as knmtAS_url %}
{% block title %}TUFIDCO Schemes | KNMT{% endblock %}
{% block content %}
    {% include 'includes/header.html' %}
    <div class="container container-scheme">
        <div class="row">
            <div class="col-sm-4">
                <div class="scheme-link">
                    <div class="con">&nbsp;<i class="icon fa fa-eye"></i><a
class="scheme-href{% if request.path == knmtatglance_url %}active-text{% endif
%}" href="{% url 'knmt' %}">At glance</a></div>
                    <div class="con">&nbsp;<i class="icon fa fa-book"></i><a
class="scheme-href" href="{% url 'knmt_g' %}">Guidelines</a></div>
                    <div class="con">&nbsp;<i class="icon fa fa-user"></i><a
class="scheme-href{% if request.path == knmtAS_url %}active-text{% endif %}"
href="{% url 'knmtAS' %}">Administrative Sanction</a></div>
                </div>
            </div>
            <div class="col-sm-8">
                <h1 class="scheme-h1">Kalaingar Nagarpura MEMPATTU THITTAM (KNMT)</h1>
                <h2>AT GLANCE</h2>
                <p class="scheme-p">
                    <span>Introduction<br><br></span>
                    In Tamil Nadu, there are 14 Corporations (except Greater Chennai
                    Corporation), 121 Municipalities and 528 Town Panchayats. Many schemes taken up
                    in the recent years such as Smart Cities Mission, AMRUT are aimed at improving
                    the infrastructure facilities of Corporations and major towns alone. Smart
                    Cities Mission is being implemented only in 11 Corporations. AMRUT is also
                    being implemented in 28 Towns only. The coverage of schemes in Corporations is
                    relatively high when compared to Municipalities and Town Panchayats. Hence it
                    has been decided to introduce a new Scheme "Kalaingar Nagarpura MEMPATTU
                    THITTAM"(KNMT) in all 121 Municipalities and 528 Town Panchayats so as to
                    fulfil the infrastructural gaps in these Urban Local Bodies.</p>

                    &nbsp;<span style="font-family: 'palatinolinotype';"></span>
                    &nbsp;<a href="KNMT_ADD.pdf" download style="text-decoration: none;">Download
                    the ppt&nbsp;<i class="fa fa-file-pdf-o" style="color:red"></i></a><br><br>

                    &nbsp;<span style="font-family: 'palatinolinotype';"> </span>&nbsp;<a href="KNMT_ADD2.pdf" download style="text-decoration: none;">Download the
                    pdf&nbsp;<i class="fa fa-file-pdf-o" style="color:red"></i></a><br><br>
                </div>
            </div>
        </div>
    {% include 'includes/footer.html' %}
{% endblock %}

```

Singarachennai.html

```

{% extends 'base.html' %}
{% url 'SChennai2.0' as Singara_Chennai_url %}
{% url 'SChennaiGuidelines' as S_Chennai_Guidelines %}
{% block title %}Singara Chennai 2.0{% endblock %}
{% block content %}

```

```

{% include 'includes/header.html' %}
<div class="container container-scheme">
  <div class="row">
    <div class="col-sm-4">
      <div class="scheme-link">
        <div class="con">&nbsp;<i class="icon fa fa-eye"></i><a
class="scheme-href{% if request.path == Singara_Chennai_url%}active-text{%
endif %}" href="{% url 'SChennai2.0' %}">At glance</a></div>
        <div class="con">&nbsp;<i class="icon fa fa-book"></i><a
class="scheme-href" href="{% url 'SChennaiGuidelines' %}">Guidelines</a></div>
        <div class="con">&nbsp;<i class="icon fa fa-user"></i><a
class="scheme-href{% if request.path == knmtAS_url %}active-text{% endif %}"
href="{% url 'SChennaiAS' %}">Administrative Sanction</a></div>
      </div>
    </div>
    <div class="col-sm-8">
      {% for i in scheme %}
        <h1 class="scheme-h1">{{ i.name }}</h1>
        <h2>AT GLANCE</h2>
        <p class="scheme-p">
          <span>Introduction<br><br></span>
          {{ i.introduction }}
        </p>
        &nbsp;&nbsp;<span style="font-family: 'palatinolinotype';"></span>
&nbsp;<a href="{{ i.ppt1 }}" download style="text-decoration: none;">{{
i.ppt_name }}&nbsp;<i class="fa fa-file-powerpoint-o"
style="color:orange"></i></a>
      {% endfor %}
    </div>
  </div>
</div>
{% include 'includes/footer.html' %}
{% endblock %}

```

singaraChennaiAdministrativeSanction.html

```

{% extends 'base.html' %}
{% url 'SChennai2.0' as Singara_Chennai_url %}
{% block title %}Singara Chennai 2.0 | Administrative Sanction{% endblock %}
{% block content %}
  {% include 'includes/header.html' %}
  <div class="container container-scheme">
    <div class="row">
      <div class="col-sm-4">
        <div class="scheme-link">
          <div class="con">&nbsp;<i class="icon fa fa-eye"></i><a
class="scheme-href{% if request.path == Singara_Chennai_url%}active-text{%
endif %}" href="{% url 'SChennai2.0' %}">At glance</a></div>
          <div class="con">&nbsp;<i class="icon fa fa-book"></i><a
class="scheme-href" href="{% url 'SChennaiGuidelines' %}">Guidelines</a></div>
          <div class="con">&nbsp;<i class="icon fa fa-user"></i><a
class="scheme-href{% if request.path == knmtAS_url %}active-text{% endif %}"
href="{% url 'SChennaiAS' %}">Administrative Sanction</a></div>
        </div>
      </div>
      <div class="col-sm-8">
        {% for i in scheme %}
          <h1 class="scheme-h1">{{ i.name }}</h1>

```

```

        <h2>Administrative Sanction</h2>
        <p class="scheme-p">
            <span>Introduction<br><br></span>
            {{ i.introduction }}
        </p>
        {% for pdf in pdf %}
            &raquo;&nbsp;<span style="font-family: 'palatinolinotype';"></span>
&nbsp;<a href="{{ pdf.pdf }}" download style="text-decoration: none;">{{
pdf.Pdf_name }}&nbsp;<i class="fa fa-file-pdf-o" style="color:red"></i></a>
            {% endfor %}
        {% endfor %}
    </div>
</div>
</div>
{% include 'includes/footer.html' %}
{% endblock %}

```

SingaraChennaiGuidelines.html

```

{% extends 'base.html' %}
{% url 'SChennai2.0' as Singara_Chennai_url %}
{% block title %}Singara Chennai 2.0 | Guidelines{% endblock %}
{% block content %}
    {% include 'includes/header.html' %}
    <div class="container container-scheme">
        <div class="row">
            <div class="col-sm-4">
                <div class="scheme-link">
                    <div class="con">&nbsp;<i class="icon fa fa-eye"></i><a
class="scheme-href{% if request.path == Singara_Chennai_url%}active-text{%
endif %}" href="{{ url 'SChennai2.0' }}">At glance</a></div>
                    <div class="con">&nbsp;<i class="icon fa fa-book"></i><a
class="scheme-href" href="{{ url 'SChennaiGuidelines' }}">Guidelines</a></div>
                    <div class="con">&nbsp;<i class="icon fa fa-user"></i><a
class="scheme-href{% if request.path == knmtAS_url %}active-text{% endif %}"
href="{{ url 'SChennaiAS' }}">Administrative Sanction</a></div>
                </div>
            </div>
            <div class="col-sm-8">
                {% for i in scheme %}
                    <h1 class="scheme-h1">{{ i.name }}</h1>
                    <h2>Guidelines</h2>
                    <p class="scheme-p">
                        <span>Introduction<br><br></span>
                        {{ i.introduction }}
                    </p>
                    &raquo;&nbsp;<span style="font-family: 'palatinolinotype';"></span>
&nbsp;<a href="{{ i.pdf_guidelines }}" download style="text-decoration:
none;">{{ i.pdf_guidelines2 }}&nbsp;<i class="fa fa-file-pdf-o"
style="color:red"></i></a>
                    {% endfor %}
                </div>
            </div>
        </div>
    </div>
    {% include 'includes/footer.html' %}
{% endblock %}

```

BACKEND PART SOURCE CODE:

CTP SOURCE CODE

Admin.py

```
from django.contrib import admin
from CTP.models import *
from django.db.models import Count, Sum, Avg, Func

# Register your models here.

@admin.register(TownPanchayatDetails)
class TownPanchayatDetailsAdmin(admin.ModelAdmin):
    exclude = ['user', 'date_and_time']

    search_fields = [
        'user__first_name',
        'district',
        'date_and_time'
    ]

    list_display = [
        'name_tp',
        'district',
        'zone',
        'cell1',
        'email',
        'date_and_time'
    ]

    def save_model(self, request, obj, form, change):
        obj.user = request.user
        obj.date_and_time = datetime.now()
        obj.save()

    def render_change_form(self, request, context, add=False, change=False,
form_url='', obj=None):
        context.update({
            'show_save': True,
            'show_save_and_add_another': False,
        })
        return super().render_change_form(request, context, add, change,
form_url, obj)

    def get_queryset(self, request):
        qs = super(TownPanchayatDetailsAdmin, self).get_queryset(request)
        if not request.user.groups.filter(name__in=["Admin", ]).exists():
            return qs.filter(user=request.user)
        return qs

    def has_add_permission(self, request, *args, **kwargs):
```

```

        return not
TownPanchayatDetails.objects.filter(user=request.user).exists() and not
request.user.groups.filter(
    name__in=[
        "Admin", "CMD_DGM"])).exists()

@admin.register(MasterReport)
class MasterReportAdmin(admin.ModelAdmin):
    change_list_template = 'admin/CTPPPhysicalAndFinancialReport.html'

    def changelist_view(self, request, extra_context=None):
        response = super().changelist_view(request,
        extra_context=extra_context)

        try:
            qs = response.context_data['cl'].queryset
        except (AttributeError, KeyError):
            return response
        ...

        metrics = {
            'ApprovedProjectCost': Sum('ApprovedProjectCost'),
            'SchemeShare': Sum('SchemeShare'),
            'ULBShare': Sum('ULBShare'),
            'total': Sum('total')
        }
        response.context_data['report_total'] = dict(
            qs.aggregate(**metrics)
        )

        response.context_data['report'] =
list(qs.values('Sector').annotate(**metrics).order_by('Sector'))
        ...

        BT_Road_SchemeShare =
MasterSanctionForm.objects.filter(Scheme__Scheme="KNMT").filter(AgencyType__Age
ncyType='Town Panchayat').filter(
            Sector="BT Road").aggregate(BT_Road_SchemeShare=Sum('SchemeShare'))
        BT_Road_ULBShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').filter(Sector='BT Road').aggregate(
            BT_Road_ULBShare=Sum('ULBShare'))
        BT_Road_Total = BT_Road_SchemeShare['BT_Road_SchemeShare'] +
BT_Road_ULBShare['BT_Road_ULBShare']
        BT_Road_Approved =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(Sector='BT
Road').filter(AgencyType__AgencyType='Town Panchayat').count()
        BT_Road_amountspend =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='BT Road').aggregate(sum=Sum('valueofworkdone'))
        BT_Road_workorder =
AgencySanctionModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='BT Road').aggregate(sum=Sum('work_awarded_amount1'))
        BT_Road_Completed =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='BT Road').filter(
            status='Completed').count()

```

```

        BT_Road_inprogress =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='BT Road').filter(
    status='In Progress').count()
        BT_Road_Taken = BT_Road_inprogress + BT_Road_Completed
        BT_Road_ToBeCommenced = BT_Road_Approved - BT_Road_Taken

        Bus_Stand_SchemeShare =
MasterSanctionForm.objects.filter(Scheme__Scheme="KNMT").filter(AgencyType__Age
ncyType='Town Panchayat').filter(
    Sector="Bus
Stand").aggregate(Bus_Stand_SchemeShare=Sum('SchemeShare'))
        Bus_Stand_ULBShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').filter(
    Sector='Bus Stand').aggregate(Bus_Stand_ULBShare=Sum('ULBShare'))

        Bus_Stand_Total = Bus_Stand_SchemeShare['Bus_Stand_SchemeShare'] +
Bus_Stand_ULBShare['Bus_Stand_ULBShare']
        Bus_Stand_Approved =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').filter(Sector='Bus Stand').count()
        Bus_Stand_Completed =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='Bus Stand').filter(
    status='Completed').count()
        Bus_Stand_inprogress =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='Bus Stand').filter(
    status='In Progress').count()

        Bus_Stand_Taken = Bus_Stand_inprogress + Bus_Stand_Completed
        Bus_Stand_amountspend =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='Bus Stand').aggregate(sum=Sum('valueofworkdone'))
        Bus_Stand_workorder =
AgencySanctionModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='Bus Stand').aggregate(
    sum=Sum('work_awarded_amount1'))
        Bus_Stand_ToBeCommenced = Bus_Stand_Approved - Bus_Stand_Taken

        CC_Road_SchemeShare =
MasterSanctionForm.objects.filter(Scheme__Scheme="KNMT").filter(AgencyType__Age
ncyType='Town Panchayat').filter(
    Sector="CC Road").aggregate(CC_Road_SchemeShare=Sum('SchemeShare'))
        CC_Road_ULBShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').filter(Sector='CC Road').aggregate(
    CC_Road_ULBShare=Sum('ULBShare'))
        CC_Road_Total = CC_Road_SchemeShare['CC_Road_SchemeShare'] +
CC_Road_ULBShare['CC_Road_ULBShare']
        CC_Road_Approved =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').filter(Sector='CC Road').count()
        CC_Road_Completed =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='CC Road').filter(

```

```

        status='Completed').count()
        CC_Road_inprogress =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='CC Road').filter(
        status='In Progress').count()
        CC_Road_amountspend =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='CC Road').aggregate(
        sum=Sum('valueofworkdone'))
        CC_Road_workorder =
AgencySanctionModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='CC Road').aggregate(
        sum=Sum('work_awarded_amount1'))
        CC_Road_Taken = CC_Road_inprogress + CC_Road_Completed
        CC_Road_ToBeCommenced = CC_Road_Approved-CC_Road_Taken
# Community Hall
        Community_Hall_SchemeShare =
MasterSanctionForm.objects.filter(Scheme__Scheme="KNMT").filter(
        Sector="Community Hall").filter(AgencyType__AgencyType='Town
Panchayat').aggregate(Community_Hall_SchemeShare=Sum('SchemeShare'))
        Community_Hall_ULBShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(
        Sector='Community Hall').filter(AgencyType__AgencyType='Town
Panchayat').aggregate(Community_Hall_ULBShare=Sum('ULBShare'))
        Community_Hall_Total =
Community_Hall_SchemeShare['Community_Hall_SchemeShare'] +
Community_Hall_ULBShare[
        'Community_Hall_ULBShare']
        Community_Hall_Approved =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').filter(
        Sector='Community Hall').count()
        Community_Hall_Completed =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
        Sector='Community Hall').filter(status='Completed').count()
        Community_Hall_inprogress =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
        Sector='Community Hall').filter(status='In Progress').count()
        Community_Hall_amountspend =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='Community Hall').aggregate(
        sum=Sum('valueofworkdone'))
        Community_Hall_workorder =
AgencySanctionModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='Community Hall').aggregate(
        sum=Sum('work_awarded_amount1'))
        Community_Hall_Taken = Community_Hall_inprogress +
Community_Hall_Completed
        Community_Hall_ToBeCommenced = Community_Hall_Approved-
Community_Hall_Taken
# Crematorium
        Crematorium_SchemeShare =
MasterSanctionForm.objects.filter(Scheme__Scheme="KNMT").filter(AgencyType__Age
ncyType='Town Panchayat').filter(

```

```

        Sector="Crematorium").aggregate(Crematorium_SchemeShare=Sum('Scheme
Share'))
    Crematorium_ULBShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').filter(
    Sector='Crematorium').aggregate(Crematorium_ULBShare=Sum('ULBShare'
))
    Crematorium_Total = Crematorium_SchemeShare['Crematorium_SchemeShare']
+ Crematorium_ULBShare[
    'Crematorium_ULBShare']
    Crematorium_Approved =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').filter(
    Sector='Crematorium').count()
    Crematorium_Completed =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='Crematorium').filter(
    status='Completed').count()
    Crematorium_inprogress =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='Crematorium').filter(
    status='In Progress').count()
    Crematorium_amountspend =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Crematorium').aggregate(
    sum=Sum('valueofworkdone'))
    Crematorium_workorder =
AgencySanctionModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Crematorium').aggregate(
    sum=Sum('work_awarded_amount1'))
    Crematorium_Taken = Crematorium_inprogress + Crematorium_Completed
    Crematorium_ToBeCommenced = Crematorium_Approved - Crematorium_Taken
# Culvert
    Culvert_SchemeShare =
MasterSanctionForm.objects.filter(Scheme__Scheme="KNMT").filter(AgencyType__Age
ncyType='Town Panchayat').filter(
    Sector="Culvert").aggregate(Culvert_SchemeShare=Sum('SchemeShare'))
    Culvert_ULBShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').filter(Sector='Culvert').aggregate(
    Culvert_ULBShare=Sum('ULBShare'))
    Culvert_Total = Culvert_SchemeShare['Culvert_SchemeShare'] +
Culvert_ULBShare['Culvert_ULBShare']
    Culvert_Approved =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').filter(Sector='Culvert').count()
    Culvert_Completed =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='Culvert').filter(
    status='Completed').count()
    Culvert_inprogress =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='Culvert').filter(
    status='In Progress').count()

```

```

        Culvert_amountspend =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Culvert').aggregate(
        sum=Sum('valueofworkdone'))
        Culvert_workorder =
AgencySanctionModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Culvert').aggregate(
        sum=Sum('work_awarded_amount1'))
        Culvert_Taken = Culvert_inprogress + Culvert_Completed
        Culvert_ToBeCommenced = Culvert_Approved - Culvert_Taken
# Knowledge Centre
        Knowledge_Centre_SchemeShare =
MasterSanctionForm.objects.filter(Scheme__Scheme="KNMT").filter(AgencyType__Age
ncyType='Town Panchayat').filter(
    Sector="Knowledge
Centre").aggregate(Knowledge_Centre_SchemeShare=Sum('SchemeShare'))
        Knowledge_Centre_ULBShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').filter(
    Sector='Knowledge
Centre').aggregate(Knowledge_Centre_ULBShare=Sum('ULBShare'))
        Knowledge_Centre_Total =
Knowledge_Centre_SchemeShare['Knowledge_Centre_SchemeShare'] + \
        Knowledge_Centre_ULBShare['Knowledge_Centre_UL
BShare']
        Knowledge_Centre_Approved =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').filter(
    Sector='Knowledge Centre').count()
        Knowledge_Centre_Completed =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Knowledge Centre').filter(status='Completed').count()
        Knowledge_Centre_inprogress =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Knowledge Centre').filter(status='In Progress').count()
        Knowledge_centre_amountspend =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Knowledge Centre').aggregate(
        sum=Sum('valueofworkdone'))
        Knowledge_centre_workorder =
AgencySanctionModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Knowledge Centre').aggregate(
        sum=Sum('work_awarded_amount1'))
        Knowledge_Centre_Taken = Knowledge_Centre_inprogress +
Knowledge_Centre_Completed
        Knowledge_Centre_ToBeCommenced = Knowledge_Centre_Approved -
Knowledge_Centre_Taken
# Market
        Market_SchemeShare =
MasterSanctionForm.objects.filter(Scheme__Scheme="KNMT").filter(AgencyType__Age
ncyType='Town Panchayat').filter(Sector="Market").aggregate(

```

```

        Market_SchemeShare=Sum('SchemeShare'))
    Market_ULBShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__AgencyType='Town Panchayat').filter(Sector='Market').aggregate(
        Market_ULBShare=Sum('ULBShare'))
    Market_Total = Market_SchemeShare['Market_SchemeShare'] +
Market_ULBShare['Market_ULBShare']
    Market_Approved =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__AgencyType='Town Panchayat').filter(Sector='Market').count()
    Market_Completed =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town Panchayat').filter(Sector='Market').filter(
        status='Completed').count()
    Market_inprogress =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town Panchayat').filter(Sector='Market').filter(
        status='In Progress').count()
    Market_amountspend =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town Panchayat').filter(
        Sector='Market').aggregate(
        sum=Sum('valueofworkdone'))
    Market_workorder =
AgencySanctionModel.objects.filter(Scheme='KNMT').filter(ULBType='Town Panchayat').filter(
        Sector='Market').aggregate(
        sum=Sum('work_awarded_amount1'))
    Market_Taken = Market_inprogress + Market_Completed
    Market_ToBeCommenced = Market_Approved-Market_Taken
    # Metal Beam Crash Barriers
    M_B_C_B_SchemeShare =
MasterSanctionForm.objects.filter(Scheme__Scheme="KNMT").filter(AgencyType__AgencyType='Town Panchayat').filter(
        Sector="Metal Beam Crash Barriers").aggregate(M_B_C_B_SchemeShare=Sum('SchemeShare'))
    M_B_C_B_ULBShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__AgencyType='Town Panchayat').filter(
        Sector='Metal Beam Crash Barriers').aggregate(M_B_C_B_ULBShare=Sum('ULBShare'))

    M_B_C_B_Total = M_B_C_B_SchemeShare['M_B_C_B_SchemeShare'] +
M_B_C_B_ULBShare['M_B_C_B_ULBShare']
    M_B_C_B_Approved =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__AgencyType='Town Panchayat').filter(
        Sector='Metal Beam Crash Barriers').count()
    M_B_C_B_Completed =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town Panchayat').filter(
        Sector='Metal Beam Crash Barriers').filter(status='Completed').count()
    M_B_C_B_inprogress =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town Panchayat').filter(

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```

        Sector='Metal Beam Crash Barriers').filter(status='In
Progress').count()
        MBCB_amountspend =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
        Sector='Metal Beam Crash Barriers').aggregate(
        sum=Sum('valueofworkdone'))
        MBCB_workorder =
AgencySanctionModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
        Sector='Metal Beam Crash Barriers').aggregate(
        sum=Sum('work_awarded_amount1'))
        M_B_C_B_Taken = M_B_C_B_inprogress + M_B_C_B_Completed
        MBCB_ToBeCommenced = M_B_C_B_Approved-M_B_C_B_Taken

# Parks
        Parks_SchemeShare =
MasterSanctionForm.objects.filter(Scheme__Scheme="KNMT").filter(AgencyType__Age
ncyType='Town Panchayat').filter(Sector="Parks").aggregate(
        Parks_SchemeShare=Sum('SchemeShare'))
        Parks_ULBShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').filter(Sector='Parks').aggregate(
        Parks_ULBShare=Sum('ULBShare'))
        Parks_Total = Parks_SchemeShare['Parks_SchemeShare'] +
Parks_ULBShare['Parks_ULBShare']
        Parks_Approved =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').filter(Sector='Parks').count()
        Parks_Completed =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='Parks').filter(
        status='Completed').count()
        Parks_inprogress =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='Parks').filter(
        status='In Progress').count()
        Parks_amountspend =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
        Sector='Parks').aggregate(
        sum=Sum('valueofworkdone'))
        Parks_workorder =
AgencySanctionModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
        Sector='Parks').aggregate(
        sum=Sum('work_awarded_amount1'))
        Parks_Taken = Parks_inprogress + Parks_Completed
        Parks_ToBeCommenced = Parks_Approved-Parks_Taken

# Paver Block
        Paver_Block_SchemeShare =
MasterSanctionForm.objects.filter(Scheme__Scheme="KNMT").filter(AgencyType__Age
ncyType='Town Panchayat').filter(
        Sector="Paver
Block").aggregate(Paver_Block_SchemeShare=Sum('SchemeShare'))

```

```

Paver_Block_ULBShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__AgencyType='Town Panchayat').filter(
    Sector='Paver
Block').aggregate(Paver_Block_ULBShare=Sum('ULBShare'))
Paver_Block_Total = Paver_Block_SchemeShare['Paver_Block_SchemeShare']
+ Paver_Block_ULBShare[
    'Paver_Block_ULBShare']
Paver_Block_Approved =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__AgencyType='Town Panchayat').filter(
    Sector='Paver Block').count()
Paver_Block_Completed =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='Paver Block').filter(
    status='Completed').count()
Paver_Block_inprogress =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='Paver Block').filter(
    status='In Progress').count()
Paver_Block_amountspend =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Paver Block').aggregate(
    sum=Sum('valueofworkdone'))
Paver_Block_workorder =
AgencySanctionModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Paver Block').aggregate(
    sum=Sum('work_awarded_amount1'))
Paver_Block_Taken = Paver_Block_inprogress + Paver_Block_Completed
Paver_Block_ToBeCommenced = Paver_Block_Approved - Paver_Block_Taken

# Retaining wall
Retaining_wall_SchemeShare =
MasterSanctionForm.objects.filter(Scheme__Scheme="KNMT").filter(AgencyType__AgencyType='Town Panchayat').filter(
    Sector="Retaining
wall").aggregate(Retaining_wall_SchemeShare=Sum('SchemeShare'))
Retaining_wall_ULBShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__AgencyType='Town Panchayat').filter(
    Sector='Retaining
wall').aggregate(Retaining_wall_ULBShare=Sum('ULBShare'))
Retaining_wall_Total =
Retaining_wall_SchemeShare['Retaining_wall_SchemeShare'] +
Retaining_wall_ULBShare[
    'Retaining_wall_ULBShare']
Retaining_wall_Approved =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__AgencyType='Town Panchayat').filter(
    Sector='Retaining wall').count()
Retaining_wall_Completed =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Retaining wall').filter(status='Completed').count()

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```

        Retaining_wall_inprogress =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Retaining wall').filter(status='In Progress').count()
    Retaining_wall_amountspend =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Retaining wall').aggregate(
        sum=Sum('valueofworkdone'))
    Retaining_wall_workorder =
AgencySanctionModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Retaining wall').aggregate(
        sum=Sum('work_awarded_amount1'))
    Retaining_wall_Taken = Retaining_wall_inprogress +
Retaining_wall_Completed
    Retaining_wall_ToBeCommenced = Retaining_wall_Approved-
Retaining_wall_Taken

    # Solid Waste Mgt. SWM
    SWM_SchemeShare =
MasterSanctionForm.objects.filter(Scheme__Scheme="KNMT").filter(AgencyType__Age
ncyType='Town Panchayat').filter(
    Sector="Solid Waste
Mgt. ").aggregate(SWM_SchemeShare=Sum('SchemeShare'))
    SWM_ULBShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').filter(
    Sector='Solid Waste Mgt. ').aggregate(SWM_ULBShare=Sum('ULBShare'))

    SWM_Total = SWM_SchemeShare['SWM_SchemeShare'] +
SWM_ULBShare['SWM_ULBShare']
    SWM_Approved =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').filter(
    Sector='Solid Waste Mgt. ').count()
    SWM_Completed =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='Solid Waste Mgt. ').filter(
    status='Completed').count()
    SWM_inprogress =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(Sector='Solid Waste Mgt. ').filter(
    status='In Progress').count()
    SWM_amountspend =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Solid Waste Mgt. ').aggregate(
        sum=Sum('valueofworkdone'))
    SWM_workorder =
AgencySanctionModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Solid Waste Mgt. ').aggregate(
        sum=Sum('work_awarded_amount1'))
    SWM_Taken = SWM_inprogress + SWM_Completed
    SWM_ToBeCommenced = SWM_Approved-SWM_Taken
    # SWD

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        SWD_SchemeShare =
MasterSanctionForm.objects.filter(Scheme__Scheme="KNMT").filter(AgencyType__AgencyType='Town Panchayat').filter(Sector="SWD").aggregate(
    SWD_SchemeShare=Sum('SchemeShare'))
    SWD_ULBShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__AgencyType='Town Panchayat').filter(Sector='SWD').aggregate(
    SWD_ULBShare=Sum('ULBShare'))
    SWD_Total = SWD_SchemeShare['SWD_SchemeShare'] +
SWD_ULBShare['SWD_ULBShare']
    SWD_Approved =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__AgencyType='Town Panchayat').filter(Sector='SWD').count()
    SWD_Completed =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town Panchayat').filter(Sector='SWD').filter(
    status='Completed').count()
    SWD_inprogress =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town Panchayat').filter(Sector='SWD').filter(
    status='In Progress').count()
    SWD_amountspend =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town Panchayat').filter(
    Sector='SWD').aggregate(
    sum=Sum('valueofworkdone'))
    SWD_workorder =
AgencySanctionModel.objects.filter(Scheme='KNMT').filter(ULBType='Town Panchayat').filter(
    Sector='SWD').aggregate(
    sum=Sum('work_awarded_amount1'))
    SWD_Taken = SWD_inprogress + SWD_Completed
    SWD_ToBeCommenced = SWD_Approved-SWD_Taken

# Water Bodies
    Water_Bodies_SchemeShare =
MasterSanctionForm.objects.filter(Scheme__Scheme="KNMT").filter(AgencyType__AgencyType='Town Panchayat').filter(
    Sector="Water Bodies").aggregate(Water_Bodies_SchemeShare=Sum('SchemeShare'))
    Water_Bodies_ULBShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__AgencyType='Town Panchayat').filter(
    Sector='Water Bodies').aggregate(Water_Bodies_ULBShare=Sum('ULBShare'))
    Water_Bodies_Total =
Water_Bodies_SchemeShare['Water_Bodies_SchemeShare'] + Water_Bodies_ULBShare[
    'Water_Bodies_ULBShare']
    Water_Bodies_Approved =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__AgencyType='Town Panchayat').filter(
    Sector='Water Bodies').count()
    Water_Bodies_Completed =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town Panchayat').filter(Sector='Water Bodies').filter(
    status='Completed').count()

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        Water_Bodies_amountspend =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Water Bodies').aggregate(
        sum=Sum('valueofworkdone'))
        Water_Bodies_workorder =
AgencySanctionModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Water Bodies').aggregate(
        sum=Sum('work_awarded_amount1'))
        Water_Bodies_inprogress =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(
    Sector='Water Bodies').filter(status='In Progress').count()
        Water_Bodies_Taken = Water_Bodies_inprogress + Water_Bodies_Completed
        Water_Bodies_ToBeCommenced = Water_Bodies_Approved-Water_Bodies_Taken

        SchemeShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').aggregate(SchemeShare=Sum('SchemeShare'))
        ULBShare =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').aggregate(ULBShare=Sum('ULBShare'))
        ProjectCost =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').aggregate(
    ProjectCost=Sum('ApprovedProjectCost'))
        work_approved_total =
MasterSanctionForm.objects.filter(Scheme__Scheme='KNMT').filter(AgencyType__Age
ncyType='Town Panchayat').count()
        work_amountspend =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').aggregate(
    sum=Sum('valueofworkdone'))
        workorder_total =
AgencySanctionModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').aggregate(
    sum=Sum('work_awarded_amount1'))
        works_inprogress_total =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(status='In Progress').count()
        works_completed_total =
AgencyProgressModel.objects.filter(Scheme='KNMT').filter(ULBType='Town
Panchayat').filter(status='Completed').count()
        works_taken_total = works_inprogress_total + works_completed_total
        works_ToBeCommenced = work_approved_total-works_taken_total
        extra_context = {
            'works_ToBeCommenced':works_ToBeCommenced,
            'Water_Bodies_ToBeCommenced':Water_Bodies_ToBeCommenced,
            'SWD_ToBeCommenced':SWD_ToBeCommenced,
            'SWM_ToBeCommenced':SWM_ToBeCommenced,
            'Retaining_wall_ToBeCommenced':Retaining_wall_ToBeCommenced,
            'Paver_Block_ToBeCommenced':Paver_Block_ToBeCommenced,
            'Parks_ToBeCommenced':Parks_ToBeCommenced,
            'MBCB_ToBeCommenced':MBCB_ToBeCommenced,
            'Market_ToBeCommenced':Market_ToBeCommenced,
            'Knowledge_Centre_ToBeCommenced':Knowledge_Centre_ToBeCommenced,

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'Culvert_ToBeCommenced':Culvert_ToBeCommenced,
 'Crematorium_ToBeCommenced':Crematorium_ToBeCommenced,
 'Community_Hall_ToBeCommenced':Community_Hall_ToBeCommenced,
 'BT_Road_ToBeCommenced':BT_Road_ToBeCommenced,
 'Bus_Stand_TobeCommenced':Bus_Stand_TobeCommenced,
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    }
    response.context_data.update(extra_context)
    return response

```

apps.py

```
from django.apps import AppConfig
```

```
class CtpConfig(AppConfig):
    default_auto_field = 'django.db.models.BigAutoField'
    name = 'CTP'
    verbose_name = 'Town Panchayats'
```

models.py

```
from django.contrib.auth.models import User
from django.db import models
from django.utils.datetime_safe import datetime
from TUFIDCOapp.models import *
from ULBForms.models import *

# Create your models here.
class TownPanchayatDetails(models.Model):
    user = models.ForeignKey(User, on_delete=models.CASCADE, blank=True,
null=True)
    name_tp = models.CharField('Name of Town Panchayat', max_length=40,
null=True)
    district = models.CharField('District', max_length=40, null=True)
    zone = models.CharField('Zone', max_length=40, null=True)
    cell1 = models.CharField('Cell 1', max_length=20, null=True)
    cell2 = models.CharField('Cell 2', max_length=20, blank=True, null=True)
    cell3 = models.CharField('Cell 3', max_length=20, blank=True, null=True)
    email = models.EmailField('Email ID', max_length=40, null=True)
    date_and_time = models.DateTimeField(default=datetime.now, null=True)

    def __str__(self):
        return self.name_tp

    class Meta:
        verbose_name = 'Town Panchayat Detail'
        verbose_name_plural = 'Town Panchayat Details'

class MasterReport(MasterSanctionForm):
    class Meta:
        proxy = True
        verbose_name = "KNMT Physical & Financial Progress Report"
        verbose_name_plural = "KNMT Physical & Financial Progress Reports"
```

views.py

```
from django.shortcuts import render

# Create your views here.
```