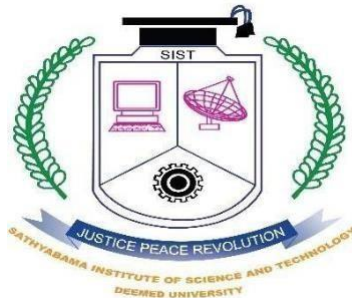


Smart District Analysis and Complaint Website

Submitted in partial fulfillment of the requirements for the award of
Bachelor of Engineering Degree in
Computer Science and Engineering

By

MONAL NAGAR (37110452)



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING SCHOOL OF
COMPUTING**

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO
BE UNIVERSITY)**

Accredited with Grade “A” by NAAC I

12B Status by UGC Approved by AICTE

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TAMILNADU.**

MARCH 2021



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BONAFIDE CERTIFICATE

This is to certify that this Professional Training Report is the bonafide work of **MONAL NAGAR (17SCS5120)** who underwent the professional training in "**SMART DISTRICT ANALYSIS AND COMPLAINT WEBSITE**" under our supervision from Jan 2019 to April 2019.

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Abstract

India is starting to become digital in every sector. In this developing environment people need more and more improvised versions and easy way to tackle various problems. This project focuses on providing all necessary information about a district/city. Also, not only for providing information about different sectors of a district it also enables the user to report any social or environmental issues. Many people addresses their surrounding problems but fails to complain against them. The biggest reason is the lack of proper systematic approach and the attitude of the existing department. There is no such accurate field to file a complaint online, therefore we aim towards solving this problem by creating a user-friendly web application where people can easily lodge a complaint simply sitting at home. Previously people were required to write an official letter and post it, later they have to wait for an response which takes a lot of time and resources without any confirmation that whether their query raised will be solved or not. Another benefit of this application will be that it will make the user to have access to all major and minor sector details like transportation, tourism, schools, hospitals etc. The focus will a web application for a particular district only.

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CHAPTER 1

INTRODUCTION

INDIA is a highly populated country and to have access to everything easily is by using internet. A smart website which provides every detail with limited resources and with less time is by visiting the respective websites for that city/District. A smart website is a tool that allows you to nurture, inform, and lead your customers in a way that not only helps your business profits, but helps you better understand your buyers and strategy. The purpose of an information centric website is to convey specific, helpful information to a specific user/audience so that the reader learns something new or understands a topic better. A website is more than a place to find a phone number or email. It's more than product and service details. It's more than a place to boast about your company employees, history, and experience. It's more than an extra for your business or marketing, it's a necessity. Websites are not what they used to be, they have to be both a foundation and driver of your web presence & growth. With technology advancing at warp speeds, traditional websites are quickly losing ground. Mobile devices and their streamlined, quick responding, draw-us-back app technology call for websites to join the cutting edge, modern front runners or dwindle into antiquity.

The main purpose of developing this project is to provide an overview about a particular district, through online mode. It aims for guiding a user to every aspect of the district, which is managed by the local government. These aspects are mainly related to the district's sectors such as Transportation, medical support, tourism, schools, etc. It also aims for solving local problems by filing any online complains or reporting an issue. A user can also give suggestions or feedback. The existing system of every district's municipal corporation doesn't have a proper system for filing a complaint. The secondary problem faced in India is language barriers. This web application will provide the user options for multiple language which will allow the user to select any preferred language according to their comfort zone. The three basic in-built language will be the native language, English and Hindi. This web application will be accessible for the user, only after a valid or authentic Id proof for example 'Adhaar Card'. The login page will verify all your details avoiding any future or multiple verification lags.

As the world's urbanization is constantly growing with a total population living in various districts, there is an increasing demand for intelligent, affordable platforms that offer the citizens with a high quality of lifestyle. This is typically known as the characterization or the evolution to Smart Districts. To increase the public interactivity and aware them about the fundamental rights as well as their fundamentals duties. To stabilize the equilibrium of the growth of a particular area/district, there is an urgent need of raising voice against and for the wrong to stabilize the issue and its probable causes. This website is offering that facility by allowing the user to write a complaint form without using nay external resources. This method is time, energy and resource saving with easy accessibility and proper verification process reducing all the unnecessary paperwork.

1.1 SCOPE OF THE PROJECT

Without the Smart website for a district, managing, maintaining and accessing the details of the District is a tedious job for the local government as well as the citizens and tourists of that place. Deployment of our website will certainly help the people to reduce the wastage of time in personally going to each department. Awareness and right information about any field is essential for the development of both locals and outsiders.

1.2 PROJECT PERSPECTIVE

This proposed system is intended to be a standalone project and should not depend on the availability of other website. The system will also have an administrator who has full-fledged rights with regards to performing all actions related to control and Management of the website.

1.2.1 FUNCTIONAL REQUIREMENTS

1. The Administrator will be given more powers (enable/disable/update) than other user.
2. It will be ensured that the information entered is of the correct format. For example, name

cannot contain numbers. In case if incorrect form of information added, the user will be asked to fill the information again.

3. The system can be accessed anytime.

1.3.2. NON-FUNCTIONAL REQUIREMENTS

1. It is required to take the database backup for safety management since the database may get crashed at any certain time due to Virus or Operating system failure.

2. The proposed system that we are going to develop will be used as a chief performance system for providing help to the Organization in managing the whole database of complaint form. Therefore it is expected that the database would perform functionally all the requirements that are specified.

CHAPTER 2

LITERATURE SURVEY

2.1. SURVEY 1

Tehreem Qamar; Narmeen Zakaria Bawany; Sadia Javed; Saima Amber, “Smart City Services Ontology (SCSO): Semantic Modeling of Smart City Applications”, 978-1-7281-3296-9/19/\$31.00 ©2019 IEEE

Smart city is a system of systems which ought to be instrumented, interconnected and intelligent. However, absence of a centralized system produces many troubles for its stakeholders i.e. citizens and administration in order to perform their day-to-day actions. Semantic web technologies, and in particular linked open data is a tool which allows sharing and merging of data of different systems. Consequently, this paper aims to propose a Smart City Services Ontology (SCSO) which we believe can serve as an integrated framework for all smart city applications. We start by developing an overall ontology and defining its building blocks after carefully studying the requirements of an urban city. We then analyze the SCSO by mapping it over a number of smart city applications to validate its adaptableness. We believe this ontology will be beneficial to all stakeholders of smart city as it eventually allows interoperability and interconnectivity among different systems and frameworks.

2.2. SURVEY 2

Saber Talari, Miadreza Shafie-khah, Pierluigi Siano, Vincenzo Loia, Aurelio Tommasetti and João P. S. Catalão, “A Review of Smart Cities Based on the Internet of Things Concept”, 2017 by the authors. Licensee MDPI, Basel, Switzerland

With the expansion of smart meters, like the Advanced Metering Infrastructure (AMI) and the Internet of Things (IoT), each smart city is equipped with various kinds of electronic devices. Therefore, equipment and technologies enable us to be smarter and make various aspects of smart cities more accessible and applicable. The goal of the current paper is to provide an inclusive review on the concept of the smart city besides their different applications, benefits, and advantages.

In addition, most of the possible IoT technologies are introduced, and their capabilities to merge into and apply to the different parts of smart cities are discussed. The potential application of smart cities with respect to technology development in the future provides another valuable discussion in this paper. Meanwhile, some practical experiences all across the world and the key barriers to its implementation are thoroughly expressed.

2.3 SURVEY 3

Robert R. Harmon¹, Enrique G. Castro-Leon², Sandhiprakash Bhide², “Smart Cities and the Internet of Things”, 2015 Proceedings of PICMET '15: Management of the Technology Age

The smart city concept represents a compelling platform for IT-enabled service innovation. It offers a view of the city where service providers use information technologies to engage with citizens to create more effective urban organizations and systems that can improve the quality of life. The emerging Internet of Things (IoT) model is foundational to the development of smart cities. Integrated cloud-oriented architecture of networks, software, sensors, human interfaces, and data analytics are essential for value creation. IoT smart connected products and the services they provision will become essential for the future development of smart cities. This paper will explore the smart city concept and propose a strategy development model for the implementation of IoT systems in a smart city context.

2.4 SURVEY 4

Benedetta Mattoni, Fabio Nardecchia, Fabio Bisegna, “Towards the development of a smart district: The application of an holistic planning approach”, April 2019 Sustainable Cities and Society 48:101570. DOI: 10.1016/j.scs.2019.101570

The most important challenge for planners and administrations is to identify optimal strategies for improving city life from a global point of view. Urban Planning models should therefore provide solutions in a coordinated and holistic way and should be flexible and adapted to different contexts and territorial levels. Currently, a global approach to the development of Smart Cities is still missing. In this paper the authors developed a planning methodology based on the qualitative and quantitative evaluation of the reciprocal impacts

among Smart strategies applied at the district level. The aim is to assess if and to what extent these actions would influence the performance of the district from a global perspective (Economy, Energy, Mobility, Community, Environment) compared to the base case scenario. The methodology has been applied to a sustainable district ideally located in the suburb of Rome and seven Smart scenarios have been modeled and simulated (with Matlab ® - Simulink). Absolute results show the differences among the seven scenarios; the application of the normalized and a-dimensional Smart Performance indicators allowed also to identify the best scenario from a holistic perspective.

2.5 SURVEY 5

M.A.Ancona, L.Branchini, A.De Pascale, F.Melino, “Smart District Heating: Distributed Generation Systems’ Effects on the Network”, Energy Procardia Volume 75. August 2015. Pages 1208-1213

The European strategy 20-20-20 – providing for energy efficiency increase, pollutant emissions reduction and fossil fuel consumption reduction – leads to an increasing attention on the concept of smart cities. In this scenario, it is important to consider a possible integration between networks and distributed generation systems – *i.e.* to realize a bidirectional energy flux at the utilities, giving rise to the so-called smart grid – not only for the electrical sector, but also for the thermal energy field. Therefore, the concept of smart grid could be extended to the heat sector in relation to District Heating Networks (DHNs) and considering thermal energy distributed generation systems, such as solar thermal panels or micro-Combined Heat and Power (micro-CHP) generators.

In this study several different layouts for the utilities substations in smart DHNs will be presented and discussed. These layouts have been developed in order to allow the bidirectional exchange of thermal energy at the utilities, optimizing the thermal exchange as function of network design temperatures (for both the supply and the return), of utilities’ thermal power requirement and depending on the characteristics of the production system.

Further, in this paper the results obtained from the simulations, carried out with the software Intelligent Heat Energy Network Analysis (I.H.E.N.A.) considering the implementation of the elaborated layouts, will be analyzed.

CHAPTER 3

AIM AND SCOPE OF THE PRESENT INVESTIGATION

3.1 EXISTING SYSTEM

In the existing system there is no proper facility or an online mode where a person can register a complaint. The existing websites of some particular districts does not have updated details and are untouched from long back. Many websites attracts public by showing taglines but with incomplete or odd information which is of no use. To make the authority aware of any issue in the society or anything else people have to write a letter or an email to concerned department. A minimum of time of 15 days is required for the action to be addressed and around 2-3 days for an email conversation. There is no accurate guarantee for a reply or response from the other side which creates a sense of frustration and disappointment among the responsible citizen. This distress creates a negative impact on people and they tend to become inactive and start lacking interest in reporting and raising voice. These situations results in the development process of our society and creates harmful impact for the concerned public. People tend to compromise rather than accepting the situation and taking action against it.

3.1.1 DISADVANTAGES OF THE EXISTING SYSTEM

- Lack of public awareness about how to report an issue.
- Unprofessional approach towards the complaint.
- Delayed response.
- No response.
- Unnecessary Paperwork.
- Time Consuming.

3.2 PROPOSED SYSTEM

In proposed system with the push of one button, people can be able to have access to all the major information about a particular district and the working of the available resources. For a person who is new to that district can have the idea about their target area and an untangled approach for an easy lifestyle. This web application will provide information about different sectors.

The transportation sector will provide the details for the available public transportation like bus routes, average prices about the auto-rickshaw, bus stop locations, metro timings, trains etc. This web application also includes details about various hospitals with the contact information. It also aims to promote tourism by including details about famous tourist destinations, hotels and restaurant. Other element will include Police stations, education sectors, agricultural growth, markets, shopping malls, etc. The most important focus of this web application is allowing the user to file a complaint about any economic, social, repairing, construction problems. The user will be able to report any issue easily. For filing a complaint, the user will have to write the problem using the concerned option. To avoid the verification process during reporting time, this application will verify you only once at the time of registering with an authentic government ID proof. The interface is user friendly allowing people with less interactivity with internet to participate. The user will be able to check whether any action is taken for their complaints filed. They can also check the progress and even give any suggestions.

3.2.1 ADVANTAGES OF THE PROPOSED SYSTEM

- Provides full-fledged Details about every sector.
- User friendly interface will increase in participation.
- Notification will alert the user about the updates on the action taken.
- Saves a lot of time and resources used.

3.3 SYSTEM REQUIREMENTS

3.3.1 HARDWARE REQUIREMENTS

- System : I3 PROCESSOR
- Hard Disk : 300 GB.
- Floppy Drive : 1.44 Mb.
- Monitor : 15 VGA Color.
- Mouse : Logitech.
- Ram : 4 GB.

3.3.2 SOFTWARE REQUIREMENTS

- Operating system : Windows 10
- Front End : HTML, CSS, JavaScript
- Back End : PHP, Django, Java EE

3.4 SYSTEM ARCHITECTURE

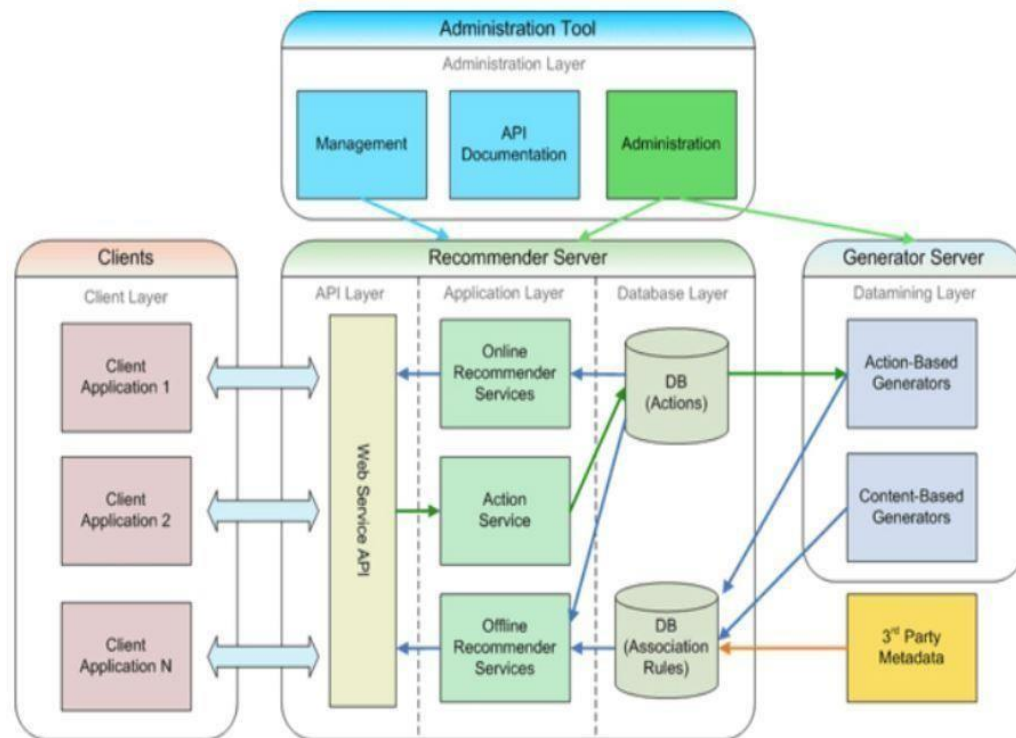


Fig. 3.1 Architecture of the System

CHAPTER-4

METHODOLOGY

MODULES

This project is created using:

- Data Collection
- MySQL
- Web Development
- Apache
- JavaScript
- XAMPP
- Angular Framework
- Creation of Database
- PHP
- PHPMyAdmin

4.1 Data Collection

The data is collected from Wikipedia, Kaggle.com and various sources like internet and RTO office. The data is also collected from hospitals and existing websites. The data is stored in MySQL databases. A glimpse of weather report datasets is shown in the below Fig. 4.1

YEAR	SWMS				NEMS				WINTER				HOT WEATHER				ANNUAL RAINFALL			
	Normal	Actual	Deviation	% Variation	Normal	Actual	Deviation	% Variation	Normal	Actual	Deviation	% Variation	Normal	Actual	Deviation	% Variation	Normal	Actual	Deviation	% Variation
2003-04	332	337	5	2	465	403	-62	-13	37	12	-26	-69	128	283	155	121	961.8	1035	7.6	8
2004-05	332	361	29	9	465	472	8	2	37	14	-23	-62	128	232	103	80	961.8	1079	12.2	12
2005-06	333	308	-25	-7	459	830	371	81	37	16	-21	-57	130	151	21	17	958.5	1306	36.1	36
2006-07	316	251	-65	-21	431	498	66	15	35	11	-24	-69	129	100	-29	-22	911.6	860	-5.7	-6
2007-08	316	342	26	8	431	515	84	20	35	47	11	32	129	261	132	102	911.6	1165	27.7	28
2008-09	288	334	46	16	431	553	122	28	35.3	7.7	-28	-78	129	132	3	2	883.1	1026	142.5	16
2009-10	316	317	1	0	431	483	52	12	35	12	-23	-66	129	127	-2	-2	912.0	938	26	2.9
2010-11	319	384	64	20	430	605	175	41	31.3	36.3	5	16	128	140	12	10	908.6	1165	256.5	28.2

Fig. 4.1 Data Collection

4.2 Web Development

The website is created in this module using Notepad++ and sublime text. Also for the creation of the website, some references are also taken from various other district's websites to implement a user-friendly design. Web Development includes some languages which are necessary to create a basic web page.

4.2.1 HTML5

This project is using HTML5 language which is a markup language that is used for structuring the web page and presenting the content on the World Wide Web. This language is the fifth and last major version of HTML that is a World Wide Web Consortium (W3C) recommendation. The current specification is also known as the HTML Living Standard. HTML5 provides us with many details of almost 30 and more HTML tags like audio, video, footer, header, data, articles etc.

The HTML language is used for the structuring of the main web page in a professional way. HTML5 is the modified version of HTML language. As it provides a large number of branded and new features which helps a lot and makes the usage of this HTML language much easier. There are some elements like <header>, <footer>, <nav> and <article> that define the layout of a website. The below figure Fig. 4.2 shows the syntax:

A screenshot of a code editor showing the first nine lines of an HTML5 document. The code is as follows:

```
1 <!DOCTYPE html>
2 <html lang="en-US">
3 <head>
4   <meta charset="UTF-8" />
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1">
7   <title>
8     Chennai District | Government of Tamil Nadu | Gateway of South Indi
9   <link rel="icon" href="https://cdn.s3waas.gov.in/s313f3cf
```

Fig. 4.2 HTML Syntax

4.2.2 CSS3

This project uses Cascading Style Sheets (CSS3) that is a style sheet language which is used for decorating/describing the presentation of a specific document written in a HTML markup language. To provide various user understanding freeway, CSS works

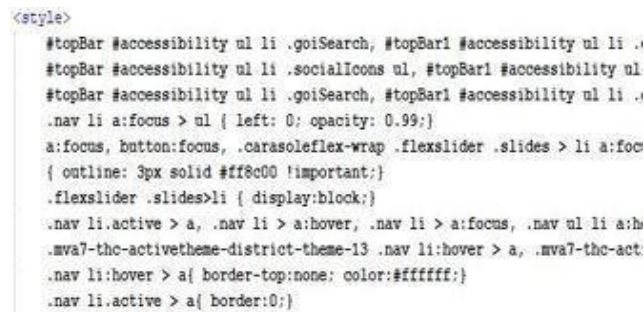
perfectly. It is a cornerstone technology of the World Wide Web, with HTML and JavaScript languages. CSS is designed in such a way that enables the separation of the presentation and the content, including layout, colors, and fonts. CSS3 provides basic and advanced concepts of technology with a wide range of possibilities. CSS language is developed in such way that can be accessed by both beginners and as well as professionals. The CSS language is:

CSS is used to design HTML tags.

CSS is a widely used language on the web.

HTML, CSS and JavaScript are used for web designing. It helps the web designers to apply style on HTML tags.

The below figure Fig. 4.3 shows the syntax:



```
<style>
#topBar #accessibility ul li .goiSearch, #topBar1 #accessibility ul li .
#topBar #accessibility ul li .socialIcons ul, #topBar1 #accessibility ul
#topBar #accessibility ul li .goiSearch, #topBar1 #accessibility ul li .
.nav li a:focus > ul { left: 0; opacity: 0.99;}
a:focus, button:focus, .carasoleflex-wrap .flexslider .slides > li a:foc
{ outline: 3px solid #ff8c00 !important;}
.flexslider .slides>li { display:block;}
.nav li.active > a, .nav li > a:hover, .nav li > a:focus, .nav ul li a:h
.mva7-the-activetheme-district-theme-13 .nav li:hover > a, .mva7-the-act
.nav li:hover > a{ border-top:none; color:#ffffff;}
.nav li.active > a{ border:0;}
```

Fig. 4.3 CSS Syntax

4.2.3 Bootstrap

This project also uses Bootstrap which is a free and open-source CSS framework. It is directed for a responsive mobile frontend web development. It contains CSS tags and optionally JavaScript based design templates also for typography, buttons, forms, navigation and others like interfacing components. Bootstrap is nothing but a popular type of HTML, CSS and JavaScript frameworks for developing a responsive and user friendly websites. Mainly Bootstrap includes all topics like jumbotron, grid, table, button, form, alert, image, etc.

4.3 JavaScript

This project also uses JavaScript abbreviated as JS, it is a programming language that relies up to the standard of the ECMA Script specification. JavaScript is high-level

programming language, which is often just-in-time compiled, and multi-paradigm. Its syntax includes curly brackets, is dynamic in typing, also is prototype based according to object orientation and the first class function. For the project JavaScript is used for creating the client side dynamic web pages. Because JavaScript is an object based scripting language it makes the language quite light weighted and also cross platform for interactivity. JavaScript is not a type of compiled languages, rather it is a translated language. The JavaScript Translator which is embedded in the browser seamlessly is mainly responsible for translating the JavaScript code for the web browser. The below figure Fig. 4.4 shows the syntax:

```
<script>
jQuery(document).ready(function($) {
  // Slider

  $('#home-slider').flexslider({
    animation: ($('#body').hasClass('rtl'))?"fade":"slide",
    directionNav: true,
    prevText: "<span class='hide'>Previous</span>",
    nextText: "<span class='hide'>Next</span>",
    pausePlay: true,
    pauseText: "<span class='hide'>Pause</span>",
    playText: "<span class='hide'>Play</span>",
    controlNav: false,
    start: function(slider){
      $('#body').find('.flexslider').resize();
      if(slider.count==1){
        slider.pausePlay.parent().remove();
      }
      $('#home-slider ul.slides li.clone a').each(function() {
        $(this).replaceWith($(this).html());
      })
    }
  });
});
</script>
```

Fig. 4.4 script syntax

4.4 Angular Framework

Software security is major concern for every application. There are some common vulnerabilities reported for web application that we need to care for all the application. In this article, I will discuss the vulnerabilities possible with Angular application and how to prevent these vulnerabilities by using best practices. The below figure Fig. 4.5 shows the syntax:

```
<h4>
class="heading5 pd-bottom5"
style="border-bottom: 1px solid #ddd; margin:
</h4>
<div class="pd-bottom5"><strong>District:</st
<div class="pd-bottom5"><strong>HeadQuarters:
```

Fig. 4.5 Angular syntax

4.5 PHP

PHP (Hyper Text Preprocessor) is a general purpose Scripting Language that is

Especially suited to Server side web development where PHP generally runs on a web server. PHP code is generally embedded into the HTML source document. Any PHP code in a requested file is executed by the PHP runtime, usually to create dynamic web page content. It can also be used for Command-line scripting and client side GUI applications.

4.6 MYSQL

MYSQL is a relational database management system that runs as a server providing multi-user access to a number of databases. MYSQL is a popular choice of database for use in web applications and is an open source product. The process of setting up a MYSQL database varies from host to host, however we will end up with a database name a user name and a password.

Before using our database, we must create a table. A table is a section of a database for storing related information. In a table, we will set up the different fields which will be used in that table. Creating a table in PHP MyAdmin is simple, we just type the name, select the number of fields and click the 'go' button. We will then be taken to a setup screen where you must create the fields for the database. Another way is by executing simple SQL statements to create databases and tables.

4.7 Apache

The Apache HTTP server is a web server software notable for playing a key role in the initial growth of the World Wide Web. In 2009, it became the first web server software to surpass the 100 million web site milestone. Apache is developed and maintained by an open community of developers under the auspices of the Apache Software Foundation. Since April 1996, Apache has been the most popular HTTP server software in use. As of November 2010, Apache served over 59.36% of all websites and over 66.56% of the first one million busiest websites.

4.8 XAMPP

Xampp is a small and light Apache distribution containing the most common web development technologies in a single package. Its contents, small size and portability make it the ideal tool for students developing and testing Applications in PHP and MYSQL. XAMPP is available as a free download in two specific packages: full and lite. While the full package download provides a wide array of development tools, XAMPP lite contains the necessary technologies that meet the Ontario skills competition Standards. The light version is a small package containing Apache HTTP server, PHP, MySQL, phpMyAdmin, Open sql and SQLite.

4.8.1 Obtaining and Installing XAMPP

As previously mentioned, XAMPP is a free package available for download and use for various web development tasks. All XAMPP packages and add-ons are distributed through the Apache Friends website at the address: <http://www.apachefriends.org/>. Once the website is on, navigate and find the windows version of XAMPP and download the self-extracting ZIP archive. After downloading the archive, run and extract its contents into the root path of a hard disk or USB drive.

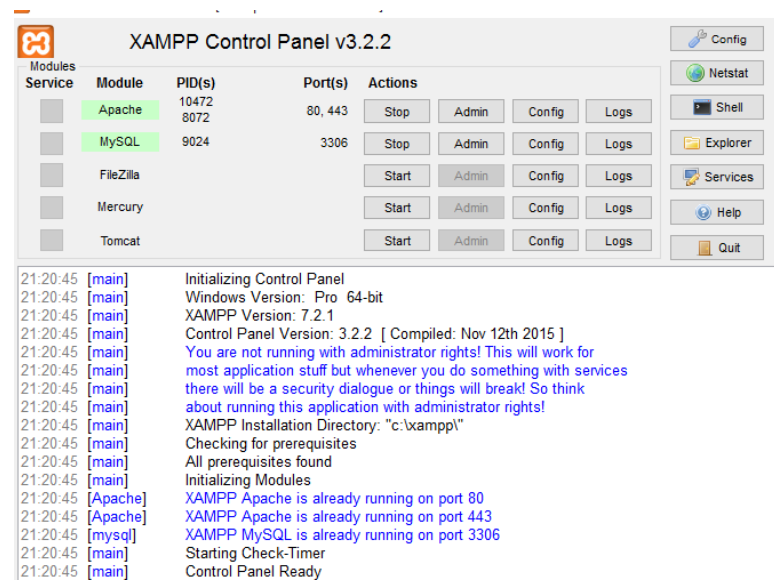


Fig. 4.6 XAMPP Control Panel

4.9 Creation of a Database

Now that we have run and tested Apache and Php, the next step is running MYSQL and creating a database and table which will hold information to be used by our website. In order to start MYSQL, navigate to the Xampp directory and run the `mysql_start.bat` batch file. The XAMPP package contains an Application called phpMyAdmin which allows developers to administer and maintain MYSQL databases.

We will be using PhpMyAdmin to create a database and table and enter test data. Before testing PhpMyAdmin, make sure that both Apache and Mysql are running by opening their respective batch files: `apache_start.bat` and `mysql_start.bat`. Along with Apache and Mysql running in the background, we type `http://localhost/phpMyAdmin/` into our web browser. If successful, we will be presented with a PhpMyAdmin start page similar to the one shown below.

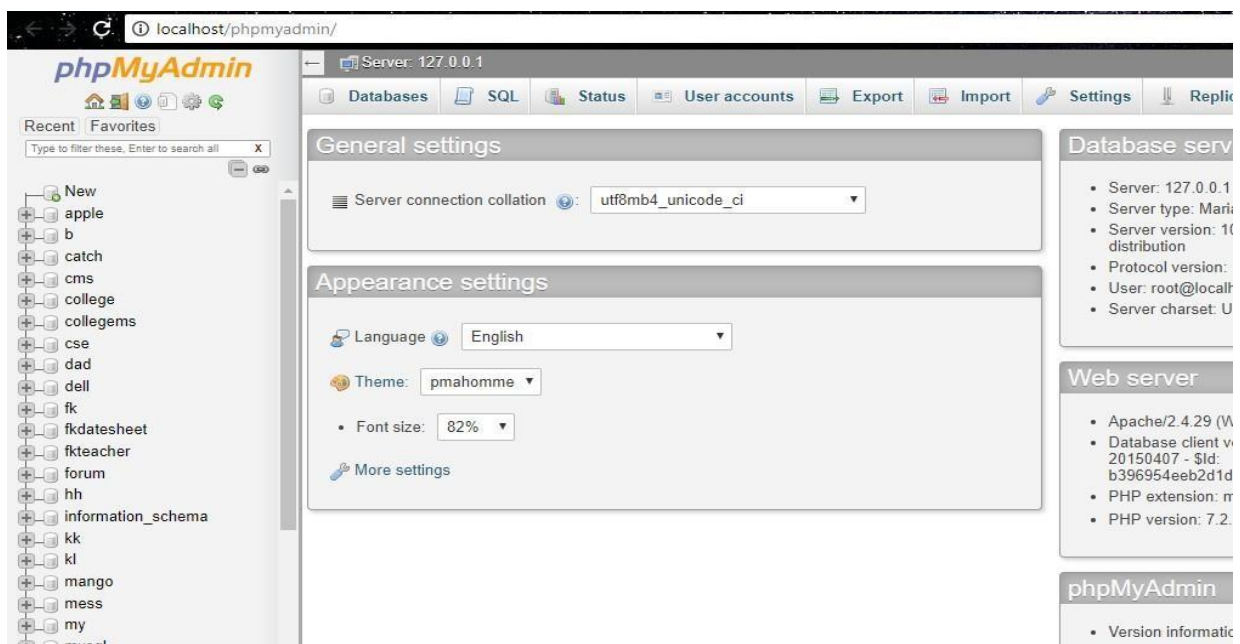


Fig. 4.7 PHPMysql start page

4.10 PHPMysql

This project uses PHPMysql as its database. The Database used is MySQL. MySQL is the standard edition for any storage of data collected or generated.

This platform provides a smooth access and is easy to use. Using the localhost browser we can connect to the login page of PHPMyAdmin. By using Wampserver software, the localhost finds the project and opens the desired or entitled project. To access the localhost, open your chrome browser. It requires internet to work on chrome. The below figure Fig. 4.8 shows the fetched tables:

The screenshot shows the PHPMyAdmin interface with the 'registration' table selected. The table contains 5 rows of data. The interface includes a sidebar with a database tree, a top navigation bar, and a main content area with a table of data and various action buttons.

	id	firstName	lastName	gender	email	pannumber	Aadhar number	complaint right	number
☐	1	monal	nagar	m	nagarmonal321@gmail.com	BIQPN1418N	300438230359	gfdh	9079713660
☐	2	bhuvan	ready	f	bhuvan@gmail.com	BIQPN1418N	123045058712	erfe	98745632100
☐	3	monish	ready	m	hdg@gmail.com	BIQPN1418N	797629234122	herfue	89745623120
☐	4	Muthu	Main	m	muthuMani	BIQPN1418N	7896541232	gngvjfj	9874563210
☐	5	MONAL	NAGAR	m	nagarmonal321@gmail.com	BIQPN1418N	300432146558	NEAR MY HOUSE SOME ILLEGAL activities	9079713660

Fig. 4.8 Fetched data

CHAPTER 5

RESULT AND DISCUSSION

5.1 Root Directory Contents

These contents are the major sectors for a district and every sector holds some details of their related fields by using sub-directory contents.

5.1.1 Home: It is official home page where of the website of Chennai district. When the user opens the web page of this website, the home page will be displayed. This page consists of the latest news, IAS officer and some information about Chennai. It also displays some shortcuts to other sector's latest details. Another important thing which is displayed in this website is the necessary telephonic numbers and other website links for more updates.

5.1.2 About District: This page consists some information about Chennai and a 2MB PDF file is also attached for more details.

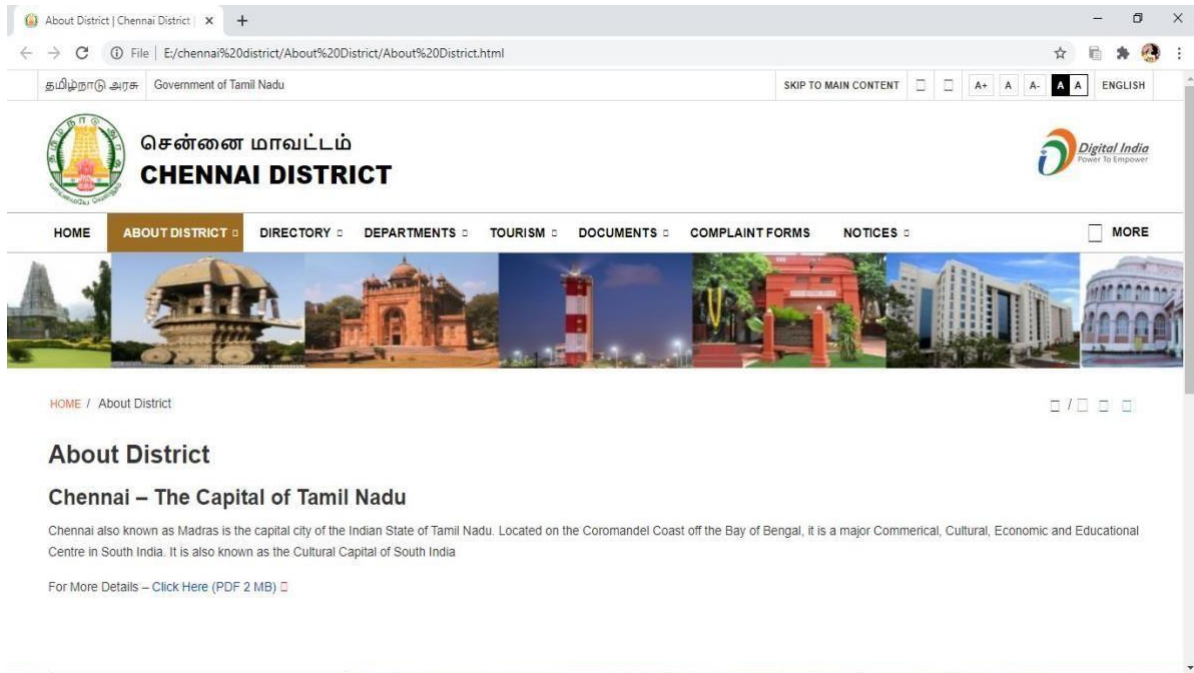


Fig. 5.1 about District

- A. **History:** This is a sub-root directory content of About District. This field shows the detailed history of Chennai District.

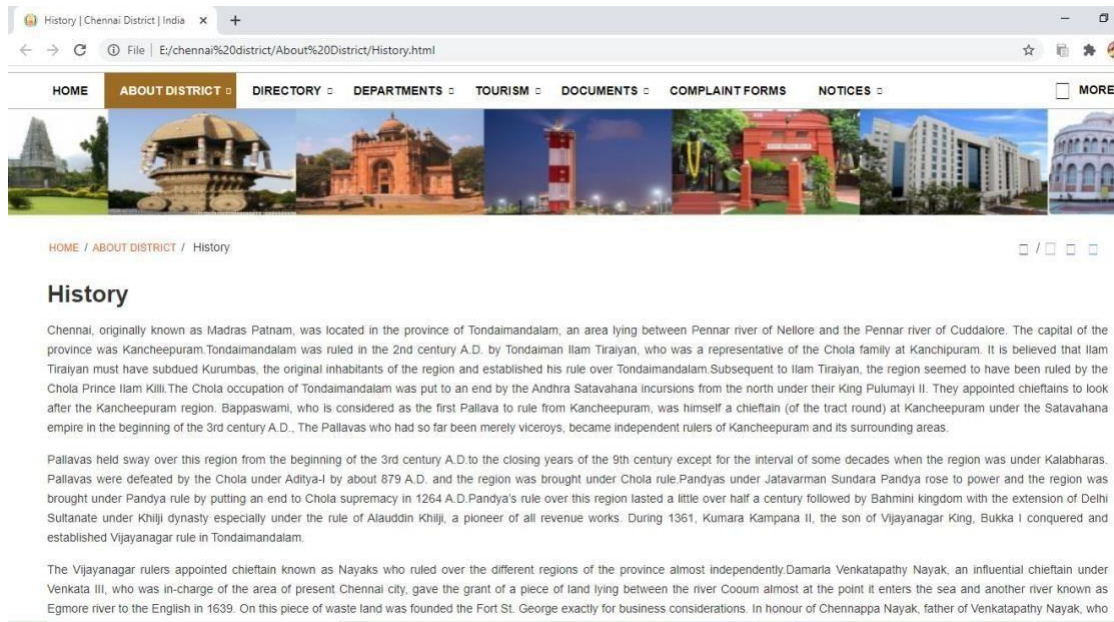


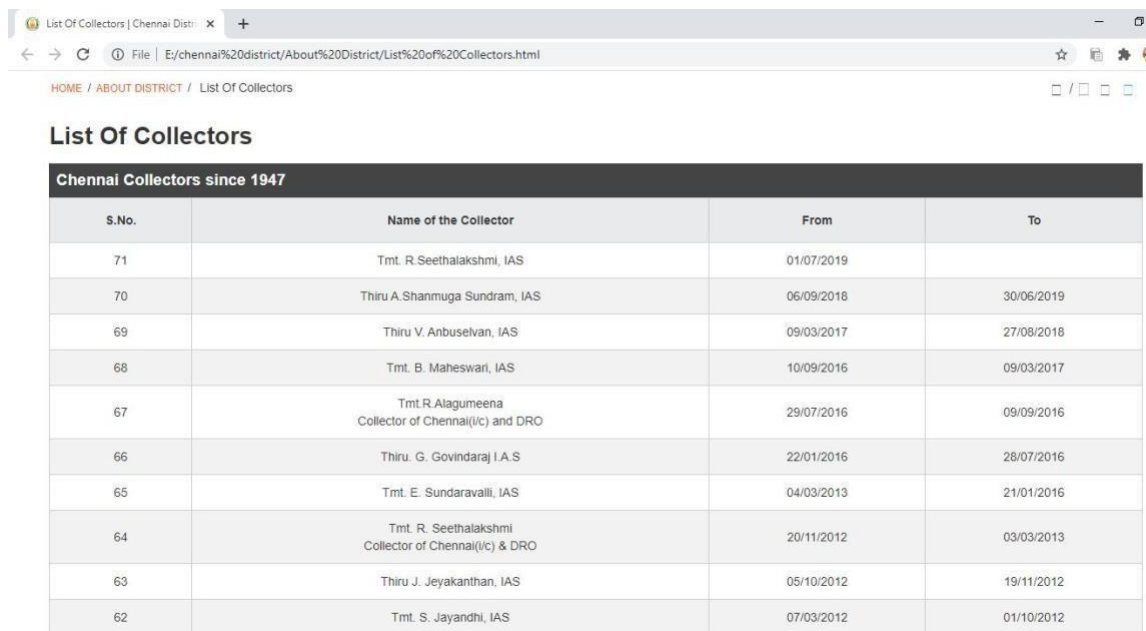
Fig. 5.2 History

- B. **District Profile:** This is a sub-root directory content of About District. This field shows some information with an attached pdf.
- C. **Who's Who:** This is a sub-root directory content of About District. This field shows the major organization's designation details like the name, mail ID, phone number and fax number.

Corporation			
Designation	Email	Phone	Fax
Commissioner Greater Chennai Corporation	commissioner[at]chennaicorporation[dot]gov[dot]in	044-25381330	
District Administration			
Designation	Email	Phone	Fax
Collector	collrchn[at]nic[dot]in	044-25228025	044-25228025
District Revenue Officer	drochn[at]nic[dot]in	044-25229454	
Police			
Designation	Email	Phone	Fax
Commissioner of Police Greater Chennai	cop[dot]chncity[at]nic[dot]gov[dot]in	044-23452345	
District Administration			
Designation	Email	Phone	Fax
Collector	collrchn[at]nic[dot]in	044-25228025	044-25228025

Fig. 5.3 Who's Who

- D. **List of Collectors:** This is a sub-root directory content of About District. This field shows the details for all the appointed collectors since 1947.



Chennai Collectors since 1947			
S.No.	Name of the Collector	From	To
71	Tmt. R. Seethalakshmi, IAS	01/07/2019	
70	Thiru A. Shanmuga Sundram, IAS	06/09/2018	30/06/2019
69	Thiru V. Anbuselvan, IAS	09/03/2017	27/08/2018
68	Tmt. B. Maheswari, IAS	10/09/2016	09/03/2017
67	Tmt. R. Alagumeena Collector of Chennai(I/c) and DRO	29/07/2016	09/09/2016
66	Thiru. G. Govindaraj I.A.S	22/01/2016	28/07/2016
65	Tmt. E. Sundaravalli, IAS	04/03/2013	21/01/2016
64	Tmt. R. Seethalakshmi Collector of Chennai(I/c) & DRO	20/11/2012	03/03/2013
63	Thiru J. Jeyakanthan, IAS	05/10/2012	19/11/2012
62	Tmt. S. Jayandhi, IAS	07/03/2012	01/10/2012

Fig. 5.4 List of Collectors

- E. **Map of Chennai District:** This is a sub-root directory content of About District. This field shows the map of Chennai with zoom in and zoom out options.
- F. **Administrative Setup:** This is a sub-root directory content of About District. This field contains three sections namely District Administration, Revenue Administration and Local Bodies.
- **District Administration:** This field shows the role of district collectorate with the nature of work and also provides a list of parliament and assembly constituencies.
 - **Revenue Administration:** This field shows a table which describes the divisional of regions with the number of villages along with tabular columns for a clear view.

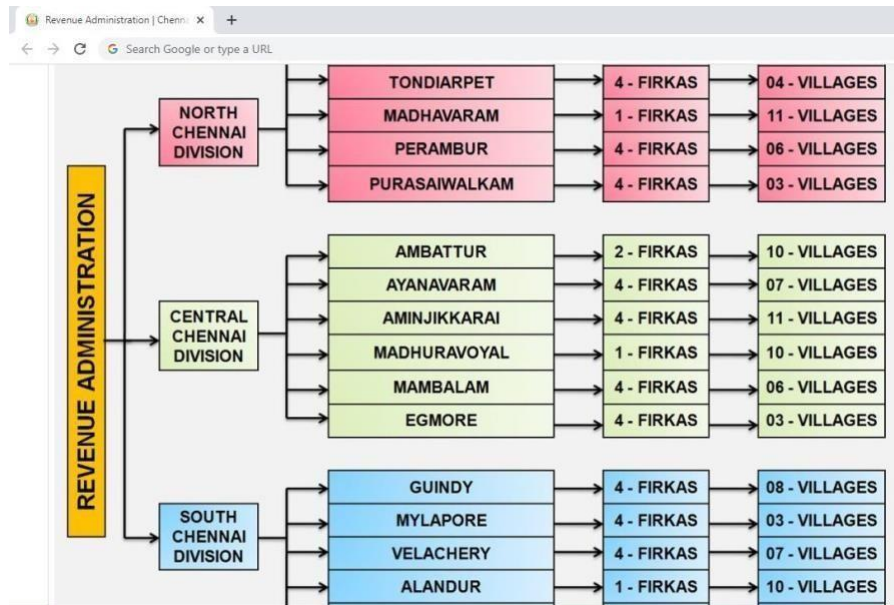


Fig. 5.5 Revenue

- **Local Bodies:** This field shows the different zones of Chennai's corporations in relation with tables in revenue administration field.
- G. **Elected Representatives:** This is a sub-root directory content of About District. This field shows members of parliament (Lok Sabha) in different constituency and their names.

Elected Representatives

Members of Parliament (Lok Sabha)

Constituency	Name of the Member
Chennai – Central	Thiru Dayanidhi Maran
Chennai – North	Dr.V.Kalanidhi
Chennai – South	Dr.T.Sumathy (a) Thamizhachi Thangapandian

Members of Legislative Assembly

Chennai District
(Constituency Number-wise)

AC No.	Assembly Constituency	Name of Member	Party
11	Dr. Radhakrishnan Nagar	Thiru TTV. Dhinakaran	Independent
12	Perambur	Thiru R.D. Shekar	DMK
13	Kolathur	Thiru M.K. Stalin	DMK
14	Villivakkam	Thiru B.Ranganathan	DMK
15	Thiru.Vi.Ka.Nagar	Thiru P.Sivakumar (a) Thayagam Kavi	DMK

Fig. 5.6 Elected Representatives

- H. **eGovernance:** This is a sub-root directory content of About District. This field shows the various online schemes launched by the government and the working projects.

It also provides all the necessary steps and documents required for applying for different categories of people with various useful links for support and understanding purposes.

e-District Services:

e-District Revenue Services was rolled out in Chennai District on 24.02.2014. There are 20 re

- a. Community Certificate
- b. Nativity Certificate
- c. Income Certificate
- d. No Graduate Certificate
- e. Deserted Women Certificate
- f. Agricultural Income Certificate
- g. Small / Marginal Farmer's Certificate
- h. Inter-caste Marriage Certificate
- i. Widow Certificate
- j. Unemployment Certificate
- k. Family Migration Certificate
- l. Certificate for the loss of Educational Records due to the Disasters
- m. No Male Child Certificate
- n. Unmarried Certificate
- o. Legal Heir Certificate
- p. Solvency Certificate
- q. Residence Certificate
- r. License under Pawn Broker Act

Fig. 5.7 eGovernance

5.1.3 **Directory:** It shows the fields inside the directory sector.

- A. **Contact Directory:** This is a sub-root directory content of Directory. This field shows email, phone number and landline number of designation of organizations like Civil Supplies, Collectorate and RTO.

Contact Directory			
Filter Directory department wise		All	Filter
Civil Supplies			
Designation	Email	Mobile No	Landline No
Assistant Commissioner(CS), Chidambaranar Zone	acchn[dot]chindambaranar[at]n[dot]gov[dot]in	9445000153	044-25267603
Assistant Commissioner(CS), Perambur Zone	acchn[dot]perambur[at]n[dot]gov[dot]in	9445000154	044-25593050
Assistant Commissioner(CS), Anna Nagar Zone	acchn[dot]annanagar[at]n[dot]gov[dot]in	9445000155	044-24753265
Assistant Commissioner(CS), Ambattur Zone	acchn[dot]ambattur[at]n[dot]gov[dot]in	9445000156	044-26570570
Assistant Commissioner(CS), Villivakkam Zone	acchn[dot]villivakkam[at]n[dot]gov[dot]in	9445000157	044-26171451
Assistant Commissioner(CS), Royapuram Zone	acchn[dot]royapuram[at]n[dot]gov[dot]in	9445000158	044-25953285
Assistant Commissioner(CS), Thiruvotriyur Zone	acchn[dot]thiruvotriyur[at]n[dot]gov[dot]in	9445000159	044-25992828
Assistant Commissioner(CS), Avadi Zone		9445000403	044-26375560
Deputy Commissioner(City) South	dccpo[dot]chennai_south[at]n[dot]gov[dot]in	9445000160	044-28551026
Assistant Commissioner(CS), T.Nagar Zone	acchs[dot]tnagar[at]n[dot]gov[dot]in	9445000161	044-28156674

Fig. 5.8 Contact Directory

B. **Disaster Management:** This is a sub-root directory content of Directory. This field shows some information about the disaster management activities.

C. **Helpline:** This is a sub-root directory content of Directory. This field shows various helpline numbers of all the services available.

Helpline

Helpline	
Service	Phone Numbers
Police	100
Fire Control	101
Ambulance of Fire Service Dept.	102
Traffic Police	103
Accident Helpline	108
Disaster Helpline	1077
Child Helpline	1098
Women Helpline	1091
Lions Blood Bank	28415959
St. Johns Ambulance Association	28194630
Chennai Corporation Complaints	1913
Railways Reservation Enquiry	132
Automated Reservation Query	139

Fig. 5.9 Helpline

D. **Public Utilities:** This is a sub-root directory content of Directory. This field shows different public utilities available like:-

- **Banks:** This field shows details of major banks available in the district.
- **Colleges/Universities:** This field shows details of the major ones available in the district.
- **Electricity:** This field shows the address and phone number of the electric department in Chennai.
- **Hospitals:** This field shows the major hospitals available in the district.

Hospitals	
Apollo Hospital NO. 21, Greaves Lane, Chennai - 600 006 Phone : 044-28290200 Category/Type: Pvt Hospital	Billroth Hospital No. 43, Lakshmi Talkies Road, Shenoy Nagar, Chennai - 600 030. Phone : 26641777 Category/Type: Pvt Hospital
C.S.I. Kalyani Hospital NO. 15, Dr. Radhakrishnan Salai, Mylapore, Chennai - 600 004 Phone : 26476433 Category/Type: Pvt Hospital	Dr. Mehtas Hospital No. 2, McNichols Road, 3rd Lane, Chetpet, Chennai - 31 Phone : 42271001
Fortis Malar Hospital No. 52, 1st Main Road, Gandhi Nagar, Adyar, Chennai - 600 020	Government General Hospital Poonamallee High Road, Park Town, Chennai-600003

Fig. 5.10 Hospitals

- **Corporations:** This field shows the details of the greater corporation in Chennai with their website link as well.
- **NGOs:** This field shows the details of the major NGO in the district.
- **Postal:** This field shows the major post offices available in the district.

5.1.4 **Departments:** This field shows the various classes and their details.

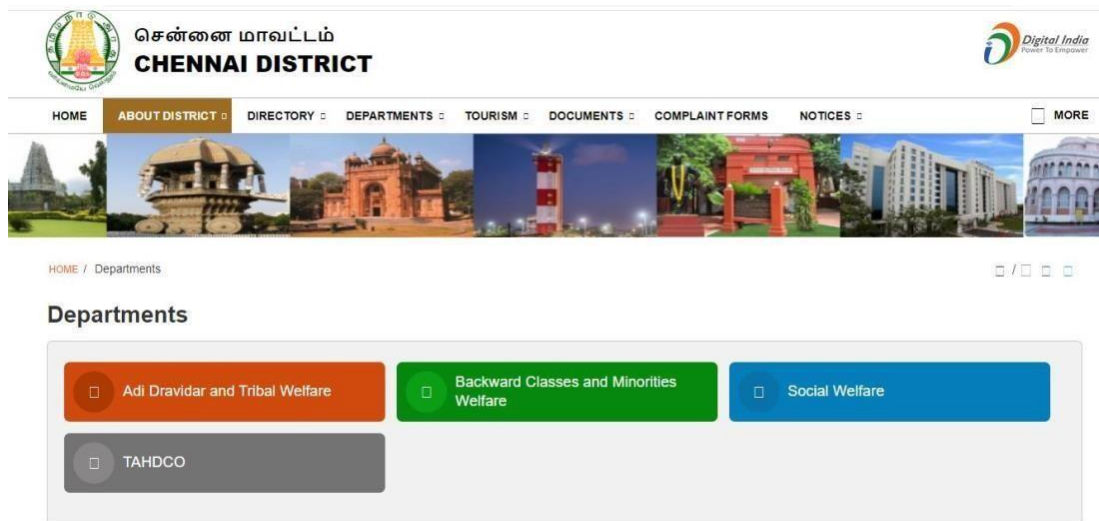


Fig. 5.11 Departments

- A. **Adi Dravidar and Tribal Welfare:** This field shows the details of this class and various colleges, hostel and fee structure benefits from them as well.

Adi Dravidar and Tribal Welfare

In Chennai District, 2 Higher Secondary Schools, 3 High School, 5 Primary and 1 Government Tribal Residential Schools are functioning. All Schools are functioning in Government Building and all Basic Amenities are available sufficiently.

In 2015-2016 Rs.20 lakhs, and 2016-17 Rs.13.59 lakhs, 2017-18 Rs.10.13 lakhs has been spent for repair works through Adidravidar Department.

Schools

There are 11 Adidravidar Welfare Schools in Chennai District, as detailed below.

Schools Name	No of Schools
Tribal Residential Primary School	1
Primary School	5
High Schools	3
Higher Secondary Schools	2
Total	11

Total -11

There are 1098 boys and 1043 Girls studying in these schools. Free Textbooks, two sets Notebooks and four sets of uniforms are supplied to the students every year.

Result

The details of X and XII public exam results are noted below.

Fig. 5.12 Tribal Welfare

- B. **Backward Classes and Minority Welfare:** This field shows the details for this class with various benefits included.
- C. **Social Welfare:** This field shows the various schemes for girls and certification programs with the steps to apply.

Social welfare

Chief Minister's Girl Child Protection Scheme

The Chief Minister's Girl Child Protection Scheme, introduced by the then Hon'ble Chief Minister of Tamil Nadu in 1992, is a pioneering and path-breaking scheme for the welfare of girl child. The Girl Child Protection Scheme is aimed at preventing gender discrimination by empowering and protecting rights of girl children through direct investment from Government.

The scheme aims to:

- Promote enrollment and retention of the girl child in school and to ensure her education at least up to intermediate level.
- Encourage girls to get married only after the age of 18 years.
- Encourage parents to adopt family planning norm with two girl children.
- Protect the rights of the girl child and provide social and financial empowerment to girl child.
- Strengthen the role of the family in improving the status of the girl child.

Mode of Deposits under the Scheme

Scheme-I

An amount of Rs. 50,000 is deposited in the name of the girl child born on or after 01/08/2011, in the form of fixed deposit with the Tamil Nadu Power Finance and Infrastructure Development Corporation Limited, for a family with one girl child only. The copy of the fixed deposit receipt is given to the family of the girl child.

Scheme-II

An amount of Rs. 25,000 is deposited in the names of two girl children born on or after 01/08/2011 in the form of fixed deposit with Tamil Nadu Power Finance and Infrastructure Development Corporation Limited, for a family with two girl children only. The copy of the fixed deposit receipt is given to the family of the girl children.

The above deposit is renewed at the end of every 5 years and on completion of 18 years of age the amount deposited along with interest will be given to the girl child. To get this benefit, the girl child should appear for 10th standard public examination. Thus, the matured amount will help the girl child to pursue her higher education. The new scheme implemented from 01.08.2011 has maturity benefits as detailed below.

Fig. 5.13 Social Welfare

- D. **TAHDOC:** This field shows the instructions for a bank loan and achievements list along with the details of many training institutions.

Instructions for getting bank Loan Adi Dravidian people are requested to register and submit the following documents to the website with a grant of funds through the TAHDCO for self employment. The person should confirm and upload all necessary documents Website : http://application.tahdco.com Telephone : 25246344 Program : Age limit EDP 18 – 65 i. Ration Card ii. Community Certificate iii. Income certificate Below Rs.1,00,000 iv. Quotation with TIN No v. Project Report vi. Adhaar Card / Voters ID vii. Licence with Badge viii. Photo ix. TC Xerox) x. Experience Certificate xi. Bank pass Book first page 2017-18 – TAHDCO Achievement details			
Sl No.	Scheme	No. of Beneficiaries	Amount Spent Rs.

Fig.5. 14 TAHDCO

5.1.5 **Tourism:** This field shows the various attributes of tourism sector.

A. **How to Reach:** This field shows the three primary traveling lines with basic details.

HOME / TOURISM / How to Reach

How to Reach


By Air
 Chennai International Airport is located at a distance of 7 km from the main city


By Train
 Chennai is having two main railway terminals. Chennai Central station, the city's largest, provides access to other major cities as well as many other smaller towns across India, whereas Chennai Egmore provides access to destinations primarily within Tamil Nadu


By Road
 Chennai Mofussil Bus Terminal (CMBT) is one of Asia's largest bus stations and is well connected to major cities in Tamil Nadu

Fig. 5.15 How to Reach

B. **Places of Interest:** This field shows some major attractions which are highly visited and details regarding them.

Places of Interest

Marina Beach

Marina beach in Chennai along the Bay of Bengal is India's longest and world's second longest beach. This predominantly sandy of nearly 12 kilometers extends from Beasant Nagar in the south to Fort St. George in the north. Chennai Marina beach was renovated by Governor Mountstuart Elphinstone Grant Duff in 1880s. All tourists traveling to Chennai never miss visiting this grand Chennai beach. Marina beach is easily accessible by buses, taxis, two and three wheelers.

Marina Beach Activities



Marina beach is full of activity in the early morning hours and in the evenings. Walking along the beaches during sunrise and sunset is a pleasant experience for all. In the evening this beach becomes a fair ground with numerous stalls selling artifacts, handcrafted showpieces, ethnic jewelry, and food items. Children play games and frolic around. Going into the sea should be done under expert guidance as the undercurrent is strong. Flying Kites and pony riding are popular activities on this beach.

Marina Beach Attractions

The aquarium and the Ice House are the main attractions on the Marina beach. The Chepauk Palace, Senate House, PWD office, Presidency College, and the Chennai University are historical buildings located on the beach drive.

The Victory of Labor and Mahatma Gandhi are two prominent statues on the Marina beach. The other statues lined along this Chennai beach include those of Swami Sivananda, Avaiyar, Thanthai Periyar, Tiruvalluvar, Dr. Annie Beasant, G.U. Pope, Sir Thomas Munro, Subramaniya Bharathiyar, Kamarajar, Robert Caldwell, Kannagi, Kamarajar, M.G. Ramachandran, and Shivaji Ganesan.



Government Museum

Established in 1851, Government Museum of Chennai is popular as the Madras Museum. Factually being the second oldest museum of India (after Kolkata's Indian Museum), this museum is a treasure in itself! As a rich repository of finest masterpieces of art, archaeology, anthropology, numismatics and much more, the Madras



Fig. 5.16 Places of Interest

- C. **Tourist Places:** This field shows many types of tourist places with their significance and value information.

HOME / TOURISM / Tourist Places

Filter: All

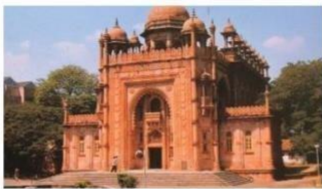
Tourist Places



Marina Beach

Marina beach in Chennai along the Bay of Bengal is India's longest and world's second longest beach. This predominantly sandy...

[Direction](#)



Government Museum

Government Museum, Chennai Location: Pantheon Road, Egmore, Chennai, Tamil Nadu Established in 1851, Government Museum of Chennai is popular as...

[Direction](#)



Gandhi Mandapam

The Government of Tamil Nadu has established Gandhi Mandapam and Museum in Guindy, Chennai as a symbol of praising and...

[Direction](#)

Fig. 5.17 Tourist Places

- D. **Tourist Information:** This field shows the details of the tourist complex with an external link for more details.

5.1.6 **Documents:** This sector shows some important data taken by many organizations for individual PDF files attached for viewing.

- A. **Census:** This field shows the district census handbook with it's details attached.

Census

Filter Document category wise			Census	Filter
Census				
Title	Date	View / Download		
District Census Handbook 2011 (Part A)	29/06/2018	View (5 MB)		
District Census Handbook 2011 (Part B)	29/06/2018	View (4 MB)		

Fig. 5.18 Census

- B. **Statistical Handbook:** This field shows the statistical handbook with the details attached.
- C. **Citizen Charter:** This field displays the department wise citizen charter handbook.

5.1.7 Complaint Forms: This sector is dedicated for launching a complaint by filling a complaint form with the necessary details and then submitting it, and the data will be fetched by the databases.

5.1.8 Notices: This sector involves displaying any new announcements made by the government regarding any issue irrespective of the type.

- A. **Services:** This sector involves all the general services available in the particular district.

SERVICES

Filter Service category wise					All	Filter
Pay Your Metro Water Tax	Greater Chennai Corporation – Online Civic Services	e-Services Application Status & Certificates Genuineness Verification	Public Distribution System Services	Aadhaar Online Services		
Electoral Rolls Services	Pay your Electricity Bill	e-Services (Anytime / Anywhere) – Transport	eServices (Anytime/Anywhere) – Land			

Fig. 5.19 Services

The online registered complain will be directly linked with the concerned authority. The requests will be made so that problem is not overlooked. If the user wants they can also attach any solid evidence or proof which will present their case strongly in front of the concerned staff. It will also enable spam detectors to avoid any irregularities. A notification pop-up will be enabled to keep the user updated. The below shows figure Fig. the complaint form with necessary details. The below figure Fig 5.1 shows the syntax:

The image shows a web form titled "Complaint Form" in a blue header. Below the header, there are several input fields and a submit button. The fields are labeled as follows:

- First Name:** A text input field containing "MONAL".
- Last Name:** A text input field containing "NAGAR".
- Gender:** A group of three radio buttons labeled "Male", "Female", and "Others". The "Male" radio button is selected.
- Email:** A text input field containing "nagarmonal321@gmail.com".
- PAN Number:** A text input field containing "BIQPN1418N".
- Aadhar Number:** A text input field containing "300432146598".
- Complaint Right:** A text input field containing "NEAR MY HOUSE SOME ILLEGAL activities".
- Phone Number:** A text input field containing "9079713660".
- Submit:** A blue button with the text "Submit".

Fig 5.20 Complaint form

CHAPTER 6

CONCLUSION AND FUTUREWORK

In this project, we using web development to create a smart web application to display various segments about a particular district and to allow the user to file online complaints. To improve the usability, angular and react JavaScript is also used. This web application is very much helpful for many people. Because when a user requires any type of information they doesn't require to visit multiple websites which saves a lot of time and energy. The user can have multiple options to view and take help with their preferred language. Using this web application people can become self-independent and more responsible towards their surroundings. A lengthy process is being converted in a shorter and more efficient manner.

- As the technology emerges, it is possible to upgrade the system and can be adaptable to desired environment.
- Because it is based on object-oriented design, any further changes can be easily adaptable.
- Based on future security issues, security can be improved using emerging technology.

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APPENDIX

A. SOURCE CODE:

```
<!DOCTYPE html>
<html lang="en-US">
<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>
    Chennai District | Government of Tamil Nadu | Gateway of South India | India </title>
    <link rel="icon"
href="https://cdn.s3waas.gov.in/s313f3cf8c531952d72e5847c4183e6910/uploads/2019/03/20190
32674.gif">
  <style>
    @font-face {
      font-family: 'icomoon';
      src: url("https://chennai.nic.in/wp-content/themes/district-theme/fonts/icomoon.eot?y6palq");
      src: url("https://chennai.nic.in/wp-content/themes/district-
theme/fonts/icomoon.eot?y6palq#iefix") format("embedded-opentype"),
url("https://chennai.nic.in/wp-content/themes/district-theme/fonts/icomoon.ttf?y6palq")
format("truetype"), url("https://chennai.nic.in/wp-content/themes/district-
theme/fonts/icomoon.woff?y6palq") format("woff"), url("https://chennai.nic.in/wp-
content/themes/district-theme/fonts/icomoon.svg?y6palq#icomoon") format("svg");
      font-weight: normal;
      font-style: normal; }
  </style>
  <link rel="profile" href="http://gmpg.org/xfn/11" />

  <link rel='dns-prefetch' href='//s.w.org' />
```

```

<meta name="description" content="Government of Tamil Nadu | Gateway of South India" />
<meta name="keywords" content="Home" />
    <script type="text/javascript">
        window._wpemojiSettings =
{"baseUrl":"https://s.w.org/images/core/emoji/13.0.1/72x72/", "ext":".png", "svgUrl":"https://s.w.org/images/core/emoji/13.0.1/svg/", "svgExt":".svg", "source":{"concatemoji":"https://chennai.nic.in/wp-includes/js/wp-emoji-release.min.js"}};
        !function(e,a,t){var
n,r,o,i=a.createElement("canvas"),p=i.getContext&&i.getContext("2d");function s(e,t){var
a=String.fromCharCode;p.clearRect(0,0,i.width,i.height),p.fillText(a.apply(this,e),0,0);e=i.toDataU
RL();return
p.clearRect(0,0,i.width,i.height),p.fillText(a.apply(this,t),0,0),e===i.toDataURL()}function c(e){var
t=a.createElement("script");t.src=e,t.defer=t.type="text/javascript",a.getElementsByTagName("hea
d")[0].appendChild(t)}for(o=Array("flag","emoji"),t.supports={everything:!0,everythingExceptFlag:!0
},r=0;r<o.length;r++)t.supports[o[r]]=function(e){if(!p||!p.fillText)return!1;switch(p.textBaseline="top"
,p.font="600 32px Arial",e){case"flag":return
s([127987,65039,8205,9895,65039],[127987,65039,8203,9895,65039])?!1:s([55356,56826,5535
6,56819],[55356,56826,8203,55356,56819])&&!s([55356,57332,56128,56423,56128,56418,5612
8,56421,56128,56430,56128,56423,56128,56447],[55356,57332,8203,56128,56423,8203,56128,
56418,8203,56128,56421,8203,56128,56430,8203,56128,56423,8203,56128,56447]);case"emoji
":return!s([55357,56424,8205,55356,57212],[55357,56424,8203,55356,57212])}return!1}(o[r]),t.su
pports.everything=t.supports.everything&&t.supports[o[r]], "flag"!==o[r]&&(t.supports.everythingEx
ceptFlag=t.supports.everythingExceptFlag&&t.supports[o[r]]);t.supports.everythingExceptFlag=t.s
upports.everythingExceptFlag&&!t.supports.flag,t.DOMReady=!1,t.readyCallback=function(){t.DO
MReady=!0},t.supports.everything||(n=function(){t.readyCallback()},a.addEventListener?(a.addEv
entListener("DOMContentLoaded",n,!1),e.addEventListener("load",n,!1)):(e.attachEvent("onload",
n),a.attachEvent("onreadystatechange",function(){"complete"===a.readyState&&t.readyCallback()
})),(n=t.source||{}).concatemoji?c(n.concatemoji):n.wpemoji&&n.twemoji&&(c(n.twemoji),c(n.wpem
oji))})(window,document,window._wpemojiSettings);
    </script>
    <style type="text/css">

```

```

img.wp-smiley,
img.emoji {
    display: inline !important;
    border: none !important;
    box-shadow: none !important;
    height: 1em !important;
    width: 1em !important;
    margin: 0 .07em !important;
    vertical-align: -0.1em !important;
    background: none !important;
    padding: 0 !important;
}
</style>
<link rel='stylesheet' id='theme-my-login-css' href='https://chennai.nic.in/wp-
content/plugins/theme-my-login/theme-my-login.css' media='all' />
<link rel='stylesheet' id='wp-block-library-css' href='https://chennai.nic.in/wp-
includes/css/dist/block-library/style.min.css' media='all' />
<link rel='stylesheet' id='base-css-css' href='https://chennai.nic.in/wp-content/themes/district-
theme/css/base.css' media='all' />
<link rel='stylesheet' id='extra-feature-css-css' href='https://chennai.nic.in/wp-
content/plugins/common_utility/css/extra.features.css' media='all' />
<link rel='stylesheet' id='contact-form-7-css' href='https://chennai.nic.in/wp-
content/plugins/contact-form-7/includes/css/styles.css' media='all' />
<link rel='stylesheet' id='wsl-widget-css' href='https://chennai.nic.in/wp-
content/plugins/wordpress-social-login/assets/css/style.css' media='all' />
<link rel='stylesheet' id='sliderhelper-css-css' href='https://chennai.nic.in/wp-
content/themes/district-theme/css/sliderhelper.css' media='all' />
<link rel='stylesheet' id='main-css-css' href='https://chennai.nic.in/wp-content/themes/district-
theme/style.css' media='all' />
<link rel='stylesheet' id='js_composer_front-css' href='https://chennai.nic.in/wp-

```

```

content/plugins/js_composer/assets/css/js_composer.min.css' media='all' />
<link rel='stylesheet' id='fontawesome-css' href='https://chennai.nic.in/wp-content/plugins/awaas-
accessibility/css/font-awesome.css' media='all' />
<link rel='stylesheet' id='extra_css-css' href='https://chennai.nic.in/wp-content/plugins/awaas-
accessibility/css/extra.css' media='screen' />
<script src='https://chennai.nic.in/wp-includes/js/jquery/jquery.min.js' id='jquery-core-js'></script>
<script src='https://chennai.nic.in/wp-includes/js/jquery/jquery-migrate.min.js' id='jquery-migrate-
js'></script>
<script src='https://chennai.nic.in/wp-content/plugins/theme-my-login/modules/themed-
profiles/themed-profiles.js' id='tml-themed-profiles-js'></script>
<script src='https://chennai.nic.in/wp-content/plugins/awaas-accessibility/js/external.js'
id='external-link-js'></script>
<link rel="wlwmanifest" type="application/wlwmanifest+xml" href="https://chennai.nic.in/wp-
includes/wlwmanifest.xml" />
<link rel="canonical" href="https://chennai.nic.in/" />
<link rel='shortlink' href='https://chennai.nic.in/' />
<noscript>
<style>
#topBar #accessibility ul li .goiSearch, #topBar1 #accessibility ul li .goiSearch{ visibility:
visible;}
#topBar #accessibility ul li .socialIcons ul, #topBar1 #accessibility ul li .socialIcons ul {
background: #fff !important;}
#topBar #accessibility ul li .goiSearch, #topBar1 #accessibility ul li .goiSearch{ right: 0; left:
inherit;}
.nav li a:focus > ul { left: 0; opacity: 0.99;}
a:focus, button:focus, .carasoleflex-wrap .flexslider .slides > li a:focus, .flexslider .slides>li
a:focus
{ outline: 3px solid #ff8c00 !important;}
.flexslider .slides>li { display:block;}
.nav li.active > a, .nav li > a:hover, .nav li > a:focus, .nav ul li a:hover,
.mva7-thc-activetheme-district-theme-13 .nav li:hover > a, .mva7-thc-activetheme-district-

```

```

theme-13 .nav li.active > a, .home-13 .nav li:hover > a, .home-13 .nav li.active > a{color:#ffffff;}
    .nav li:hover > a{ border-top:none; color:#ffffff;}
    .nav li.active > a{ border:0;}
    .nav ul{ opacity:1; left:0; position:static !important; width:auto; border:0;}
    .nav li{ position:static !important; display:block; float:none; border:0 !important;}
    .nav li>a { float:none; display:block; background-color:rgba(146,38,4,0.75) !important;
color:#ffffff; margin:0; padding:12px 20px !important; border-radius:0; border-bottom:1px solid
#ffffff !important; position:static !important; border-top:0; font-size:14px !important;}
    .nav ul.sub-menu li >a{ background-color:rgba(146,38,4,1); font-size:12px !important;}
    ul li .socialIcons{ visibility:visible !important;}
    .mva7-thc-activetheme-district-theme .nav li > a,
    .mva7-thc-activetheme-district-theme .nav li.active > a{ background-color:#9e6b22
!important;}
    .mva7-thc-activetheme-district-theme .nav ul.sub-menu li >a{ background-color:#f3b45b
!important;}

    .mva7-thc-activetheme-district-theme-2 .menuWrapper,
    .mva7-thc-activetheme-district-theme-6 .menuWrapper,
    .mva7-thc-activetheme-district-theme-7 .menuWrapper,
    .mva7-thc-activetheme-district-theme-8 .menuWrapper,
    .mva7-thc-activetheme-district-theme-9 .menuWrapper,
    .mva7-thc-activetheme-district-theme-10 .menuWrapper,
    .mva7-thc-activetheme-district-theme-11 .menuWrapper,
    .mva7-thc-activetheme-district-theme-13 .menuWrapper,
    .mva7-thc-activetheme-district-theme-14 .menuWrapper,
    .mva7-thc-activetheme-district-theme-15 .menuWrapper{ background-color:#ffffff;}

    .mva7-thc-activetheme-district-theme-2 .nav li > a,
    .mva7-thc-activetheme-district-theme-2 .nav li.active > a{ background-
</script>
</body>

```

</html>

<!-- Dynamic page generated in 1.152 seconds. -->

<!-- Cached page generated by WP-Super-Cache on 2021-02-27 05:10:10 -->

<!-- super cache ->

B. SCREEN SHOTS

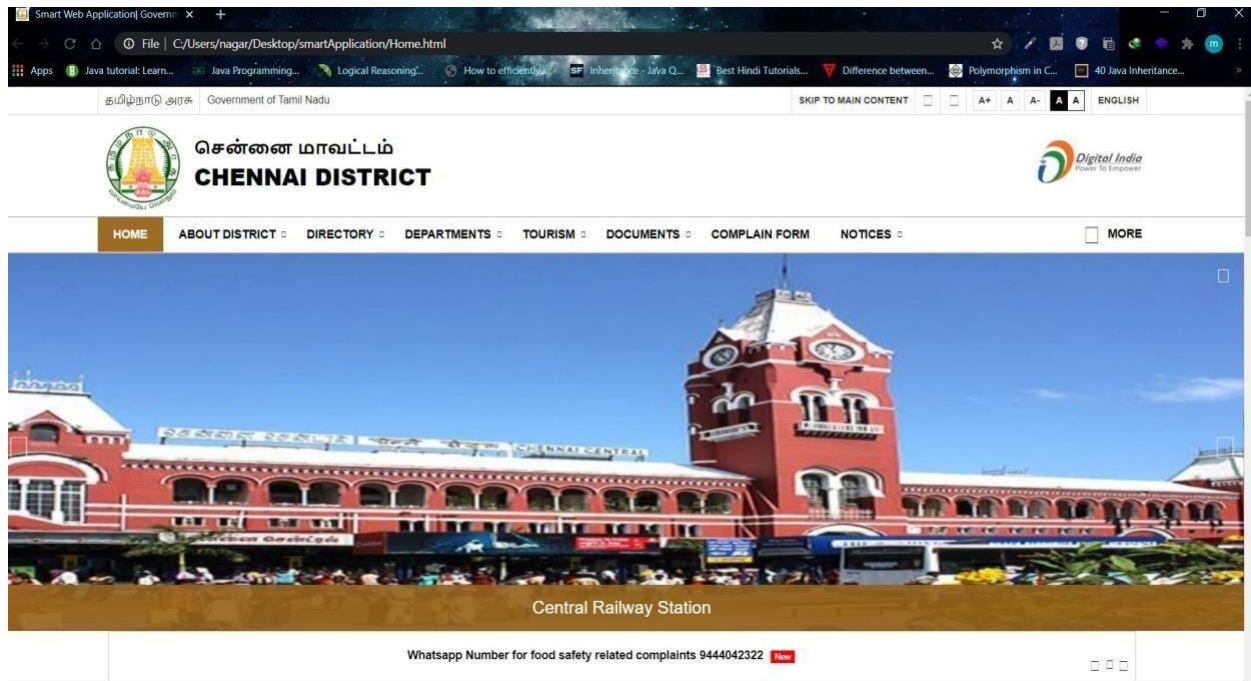


Fig.1

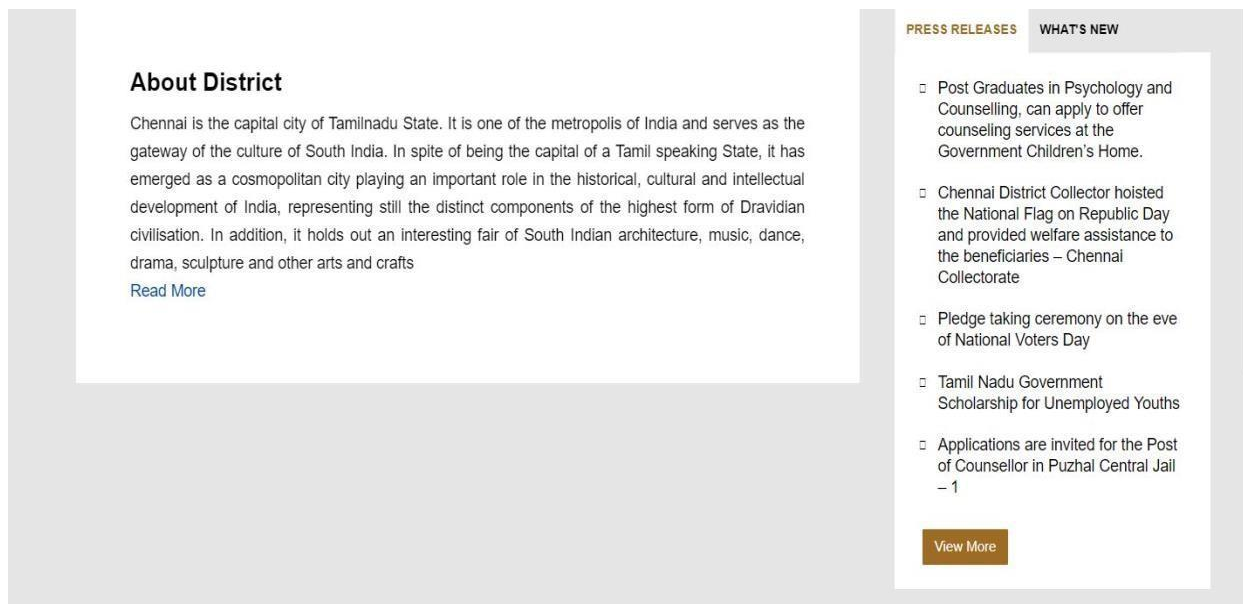


Fig.2

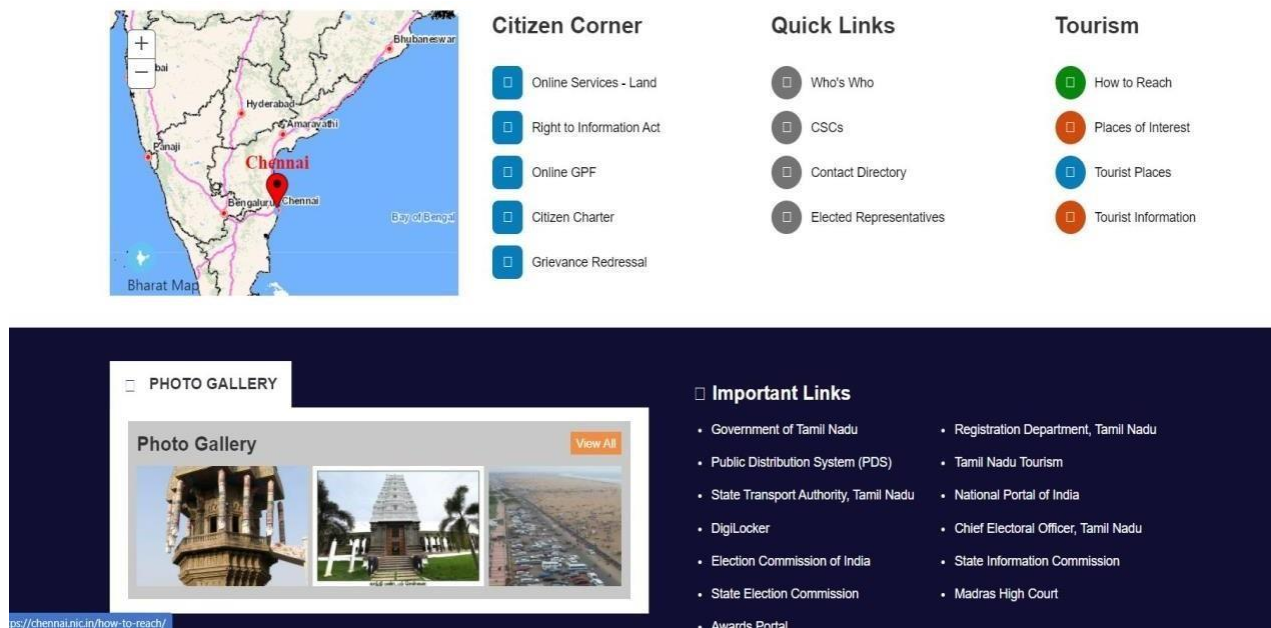


Fig.3

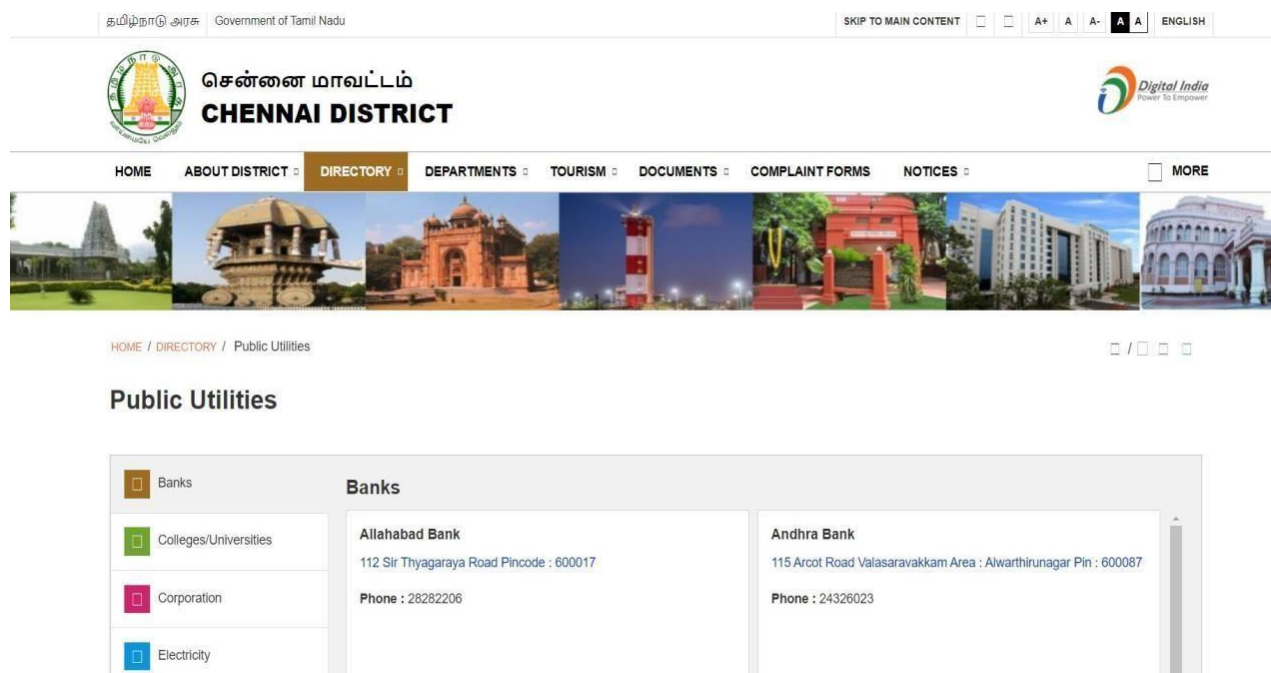


Fig.4

Server: MySQL 3306 » Database: test » Table: registration

Showing rows 0 - 4 (5 total, Query took 0.0015 seconds.)

SELECT * FROM `registration`

Number of rows: 25 | Filter rows: Search this table | Sort by key: None

| | | | | id | firstName | lastName | gender | email | pannumber | Aadhar number | complaint right | number |
|--------------------------|------|------|--------|----|-----------|----------|--------|-------------------------|------------|---------------|---------------------------------------|-------------|
| ☐ | Edit | Copy | Delete | 1 | monal | nagar | m | nagarmonal321@gmail.com | BIQPN1418N | 300438230359 | gldh | 9079713660 |
| ☐ | Edit | Copy | Delete | 2 | bhuvan | ready | f | bhuvan@gmail.com | BIQPN1418N | 123045698712 | erfe | 98745632100 |
| ☐ | Edit | Copy | Delete | 3 | monish | ready | m | hdgi@gmail.com | BIQPN1418N | 797629234122 | herfiue | 89745623120 |
| ☐ | Edit | Copy | Delete | 4 | Muthu | Main | m | muthuMani | BIQPN1418N | 7896541232 | gvgdjt | 9874563210 |
| ☐ | Edit | Copy | Delete | 5 | MONAL | NAGAR | m | nagarmonal321@gmail.com | BIQPN1418N | 300432146598 | NEAR MY HOUSE SOME ILLEGAL activities | 9079713660 |

Query results operations: Print, Copy to clipboard, Export, Display chart, Create view

Fig.5

Complaint Form

First Name

Last Name

Gender

☒ Male
 ☐ Female
 ☐ Others

Email

PAN Number

Aadhar Number

Complaint Right

Phone Number

Fig.6

