

BLOCKCHAIN AND EDGE-COMPUTING-BASED SECURE FRAMEWORK FOR GOVERNMENT TENDER ALLOCATION

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

by

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SCHOOL OF COMPUTING**

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TECHNOLOGY
(DEEMED TO BE UNIVERSITY)**

Accredited with Grade "A" by NAAC

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MARCH - 2022



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BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of **THOMSONYESHWANTH J M (38120086), RAMANUJAM V K (38120066)** who carried out the project entitled **"BLOCKCHAIN AND EDGE-COMPUTING-BASED SECURE FRAMEWORK FOR GOVERNMENT TENDER ALLOCATION"** under my supervision from November 2021 to March 2022

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External Examiner

DECLARATION

ITHOMSON YESHWANTH J M and **RAMANUJAM V** Khereby declare that the ProjectReport entitled **A BLOCKCHAIN AND EDGE-COMPUTING-BASED SECURE FRAMEWORK FOR GOVERNMENT TENDER ALLOCATION**

done by us under the guidance of Dr./Prof./Mr./Ms.**Dr. P. AJITHA**(Internal) is submitted in partial fulfillment of the requirements for the award of Bachelor of Engineering degree in Information and Technology.

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SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

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ABSTRACT

Block chain technology is an example of such technology that has been attracting the attention of Governments across the globe in recent years. Enhanced security, improved traceability, and lowest cost infrastructure empower the block chain to penetrate various domains. Generally, governments release tenders to some third-party organizations for different projects. During this process, different competitors try to eavesdrop the tender values of others to win the tender. Block chain technique used under various security service with different model. It is used as backend database model that maintains distributed ledger. No. of users can register and make the tender quotation under various department. Admin will check and give the response from the quotation result. Admin or authority check the experience and process management level skill for general auditing purpose.

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CHAPTER 1

INTRODUCTION

1.1 OUTLINE OF THE PROJECT

In There have been various attempts to implement the technology to make government processes paperless and instantaneous, such as online ticketing systems, online issuing of tenders, filing tax returns, etc. Although most of these systems seem robust and well implemented, all of them are based on the idea of a central server that has a single point of failure, as hackers can easily hack or disrupt its functioning by attacks, such as DOS, Slow-loris, SYN Flooding, etc. In most governments, complicated bureaucratic systems often result in highly inefficient workflow fraught with corruption, mismanagement, and human errors. Some of the governance processes, such as government tenders include malpractices like information leaks, corruption, bribery, etc. Most of the existing electronic services and IT infrastructure have the above-mentioned limitations, however, new technologies, such as blockchain have the potential to greatly ameliorate the existing problems. A permissioned blockchain network can provide the necessary transparency to effectively implement government policies for the benefit of the citizens of the country and fix responsibilities in case of abuse of the system.

1.2 EXISTING SYSTEM

Concept:

Some of the governance processes, such as government tenders include malpractices like information leaks, corruption, bribery, etc. Most of the existing electronic services and IT infrastructure have some limitations.

Technique:

ECDSA Algorithm.

Disadvantage:

It takes too long time to process the data with less efficiency.

1.3 PROPOSED SYSTEM

Concept:

A permissioned block chain network can provide the necessary transparency to effectively implement government policies for the benefit of the citizens of the country and fix responsibilities in case of abuse of the system.

Technique:

SHA algorithm

Advantage:

It gives convenience to identify and compare the data.

CHAPTER 2

LITERATURE SURVEY

TITLE: Proof-of-PUF Enabled Block chain: Concurrent Data and Device Security for Internet-of-Energy

AUTHOR: Rameez Asif, Kinan Ghanem and James Irvine

YEAR: 2020

PAPER EXPLANATION:

A detailed review on the technological aspects of Blockchain and Physical Unclonable Functions (PUFs) is presented in this article. It stipulates an emerging concept of Blockchain that integrates hardware security primitives via PUFs to solve bandwidth, integration, scalability, latency, and energy requirements for the Internet-of-Energy (IoE) systems. This hybrid approach, hereinafter termed as PUFChain, provides device and data provenance which records data origins, history of data generation and processing, and clone-proof device identification and authentication, thus possible to track the sources and reasons of any cyber-attack. In addition to this, we review the key areas of design, development, and implementation, which will give us the insight on seamless integration with legacy IoE systems, reliability, cyber resilience, and future research challenges.

TITLE: A Blockchain and Edge Computing-based Secure Framework for Government Tender Allocation

AUTHOR: Vikas Hassija, Vinay Chamola, Senior Member, IEEE, Dara Nanda Gopala Krishna, Neeraj Kumar.

YEAR: 2020

PAPER EXPLANATION :

Governments and public sector entities around the world are actively exploring new ways to keep up with technological advancements to achieve smart governance, work efficiency, and cost optimization. Block chain technology is an example of such technology that has been attracting the attention of Governments across the globe in recent years. Enhanced security, improved traceability and lowest cost infrastructure empower the block chain to penetrate various domains. Generally, governments release tenders to some third-party organizations for different projects. During this process, different competitors try to eavesdrop the tender values of others to win the tender. The corrupt government officials also charge high bribe to pass the tender in favor of some particular third party. In this paper, we presented a secure and transparent framework for government tenders using block chain. Block chain is used as a secure and immutable data structure to store the government records that are highly susceptible to tampering. This work

aims to create a transparent and secure edge computing infrastructure for the work-flow in government tenders to implement government schemes and policies by limiting human supervision to the minimal.

TITLE: A Survey on IoT Security: Application Areas, Security Threats, and Solution Architectures

AUTHOR: VIKAS HASSIJA, VINAY CHAMOLA, VIKAS SAXENA, DIVYANSH JAIN, PRANAV GOYAL, AND BIPLAB SIKDAR.

YEAR: 2019

PAPER EXPLANATION :

The Internet of Things (IoT) is the next era of communication. Using the IoT, physical objects can be empowered to create, receive, and exchange data in a seamless manner. Various IoT applications focus on automating different tasks and are trying to empower the inanimate physical objects to act without any human intervention. The existing and upcoming IoT applications are highly promising to increase the level of comfort, efficiency, and automation for the users. To be able to implement such a world in an evergrowing fashion requires high security, privacy, authentication, and recovery from attacks. In this regard, it is imperative to make the required changes in the architecture of the IoT applications for achieving end-to-end secure IoT environments. In this paper, a detailed review of the security-related challenges and sources of threat in the IoT applications is presented. After discussing the security issues, various emerging and existing technologies focused on achieving a high degree of trust in the IoT applications are discussed. Four different technologies, blockchain, fog computing, edge computing, and machine learning, to increase the level of security in IoT are discussed.

TITLE: A Survey on IoT Security: Application Areas, Security Threats, and Solution Architectures

AUTHOR: Vikas Hassija, Vinay Chamola, Vikas Saxena, DivyanshJain, Pranav Goyal, Biplab Sikdar

YEAR: 2019

PAPER EXPLANATION:

The Internet of Things (IoT) is the next era of communication. Using the IoT, physical objects can be empowered to create, receive, and exchange data in a seamless manner. Various IoT applications focus on automating different tasks and are trying to empower the inanimate physical objects to act without any human intervention. The existing and upcoming IoT applications are highly promising to increase the level of comfort, efficiency, and automation for the users. To be able

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TITLE: Block chain for government services-Use cases, security benefits and challenges

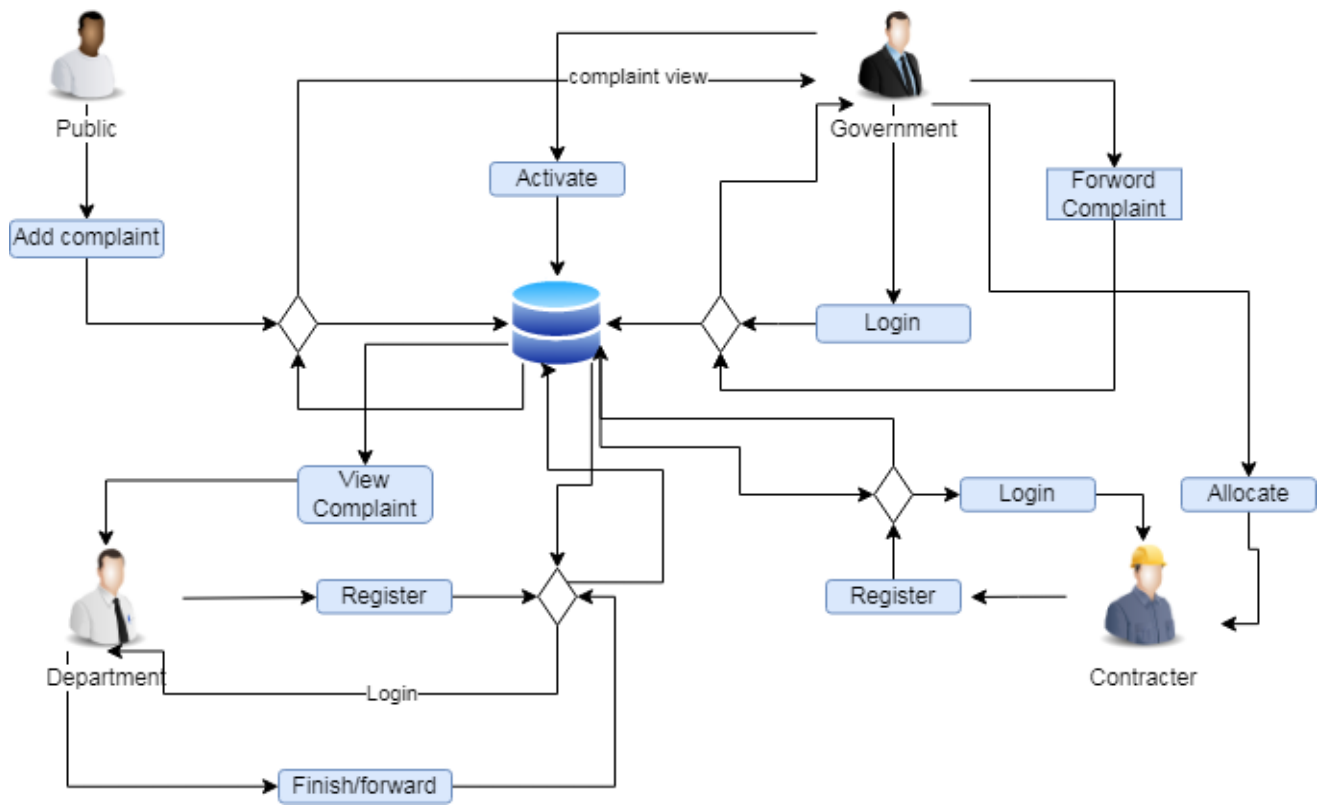
AUTHOR: Ahmed Alketbi; Qassim Nasir; Manar Abu Talib

YEAR:2018

PAPER EXPLANATION:

Public sector and governments have been actively exploring new technologies to enable the smart services transformation and to achieve strategic objectives such as citizens satisfaction and happiness, services efficiency and cost optimization. The Blockchain technology is a good example of an emerging technology that is attracting government attention. Many government entities such as United Kingdom, Estonia, Honduras, Denmark, Australia, Singapore and others have taken steps to unleash the potential of Block chain technology. Dubai Government is aiming to become paperless by adopting the Block chain technology for all transactions by 2021. The Block chain is a disruptive technology that is playing a vital role in many sectors. It's a revolutionary technology transforming the way we think about trust as it enables transacting data in a decentralized structure without the need to have trusted central authorities. Block chain technology promises to overcome security challenges in IoT enabled services such as enabling secure data sharing and data integrity. However, it also introduces new security challenges that should be investigated and tackled. In this paper, we review the literature to identify the potential use cases and application of Block chain to enable government services. We also synthesized literature related to the security of Block chain implementations to identify the security benefits, challenges and the proposed solutions. The analysis shows that is huge potential for Block chain technology to be used in to enable smart government services. This paper also highlights future research in the areas of concerns that required further investigation.

SYSTEM ARCHITECTURE DIAGRAM



CHAPTER 3

MODULES

- **LOGIN**
- **DEPARTMENT UPLOAD**
- **GOVERNMENT VIEW**
- **ALLOCATE CONTRACT**
- **CONTRACT APPLY**
- **GOVERNMENT APPOINT**

MODULE EXPLANATION:

LOGIN:

This module gives the way to enter into main page after login with valid input such as username or email id and password.

DEPARTMENT UPLOAD:

This module gives the way to department upload the file with some details about the damaged or unconstructed are with some document to the government.

GOVERNMENT VIEW:

This module to help to government view the construction area and the problem to allocate the tender.

ALLOCATE CONTRACT:

This module is help to the government allocate the tender to contractor to for the construction.

CONTRACT APPLY:

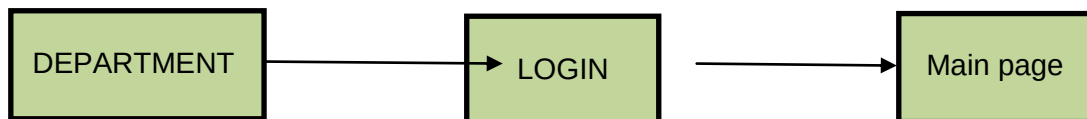
This module is help to contractor view the tender allocation and apply for the contract.

GOVERNMENT APPOINT:

This module is help to the government appoint the contractor for the construction.

MODULE DIAGRAM:

LOGIN:



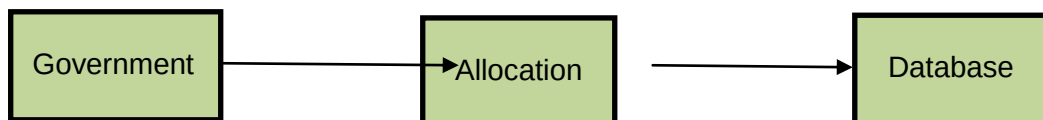
DEPARTMENT UPLOAD:



GOVERNMENT VIEW:



ALLOCATE CONTRACT:



CONTRACT APPLY:



GOVERNMENT APPOINT:



CHAPTER 4

ALGORITHM USED

SHA ALGORITHM:

In the field of cryptography and crypt analytics, the SHA-1 algorithm is a crypt-formatted hash function that is used to take a smaller input and produces a string that is 160 bits, also known as 20-byte hash value long. The hash value therefore generated, is known as a message digest which is typically rendered and produced as a hexadecimal number which is specifically 40 digits long.

Characteristics:

- The cryptographic hash functions are utilized and used to keep and store the secured form of data by providing three different kinds of characteristics such as pre-image resistance, which is also known as the first level of image resistance, the second level of pre-image resistance and collision resistance.
- The cornerstone lies in the fact that the pre-image crypt resistance technique makes it hard and more time consuming for the hacker or the attacker to find the original intended message by providing the respective hash value.
- The security, therefore, is provided by the nature of a one way that has a function that is mostly the key component of the SHA algorithm. The pre-image resistance is important to clear off brute force attacks from a set of huge and powerful machines.
- Similarly, the second resistance technique is applied where the attacker has to go through a hard time decoding the next error message even when the first level of the message has been decrypted. The last and most difficult to crack is the collision

resistance, making it extremely hard for the attacker to find two completely different messages which hash to the same hash value.

- Therefore, the ratio to the number of inputs and the outputs should be similar in fashion to comply with the pigeonhole principle. The collision resistance implies that finding two different sets of inputs that hash to the same hash is extremely difficult and therefore marks its safety.

Uses of SHA Algorithm:

These SHA algorithms are widely used in security protocols and applications, including the ones such as TLS, PGP, SSL, IPsec, and S/MiME. These also find their place in all the majority of cryptanalytic techniques and coding standards which is mainly aimed to see the functioning and working of majorly all governmental as well as private organizations and institutions. Major giants today such as Google, Microsoft, or Mozilla have started to recommend the use of SHA-3 and stop the usage of the SHA-1 algorithm.

CHAPTER 5

REQUIREMENTS ENGINEERING

5.1 General

These are the requirements for doing the project. Without using these tools and software's we can't do the project. So we have two requirements to do the project. They are

1. Hardware Requirements.
2. Software Requirements.

5.2 HARDWARE REQUIREMENTS

The hardware requirements may serve as the basis for a contract for the implementation of the system and should therefore be a complete and consistent specification of the whole system. They are used by software engineers as the starting point for the system design. It shows what the system does and not how it should be implemented.

PROCESSOR	: PENTIUM IV 2.6 GHz, Intel Core 2 Duo.
RAM	: 4GB DD RAM
MONITOR	: 15" COLOR
HARD DISK	: 40 GB

5.3 SOFTWARE REQUIREMENTS

The software requirements document is the specification of the system. It should include both a definition and a specification of requirements. It is a set of what the system should do rather than how it should do it. The software requirements provide a basis for creating the software requirements specification. It is useful in estimating cost,

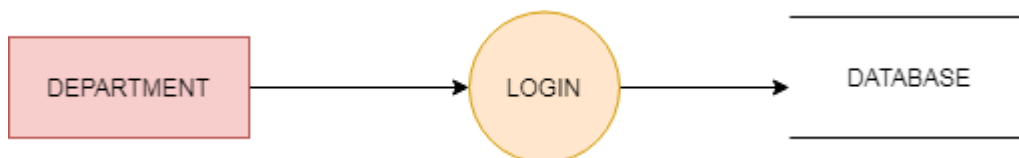
planning team activities, performing tasks and tracking the team's and tracking the team's progress throughout the development activity.

Front End	:	J2EE (JSP, SERVLETS) JAVASCRIPT
Back End	:	MY SQL 5.5
Operating System	:	Windows 07
IDE	:	Eclipse

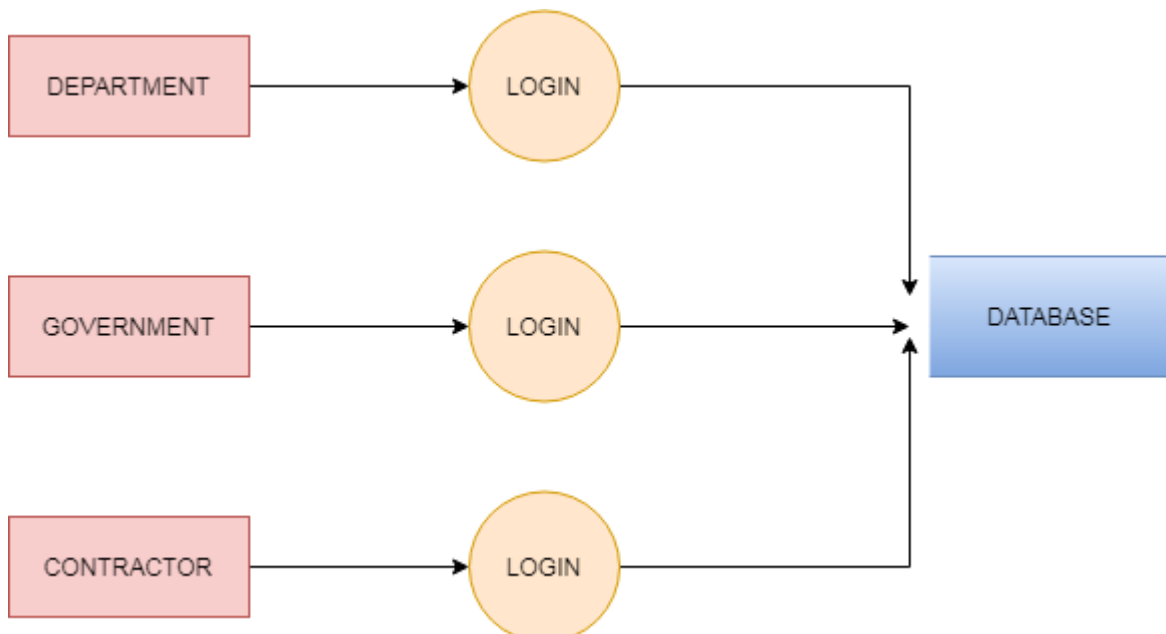
CHAPTER – 6

DATA FLOW DIAGRAM

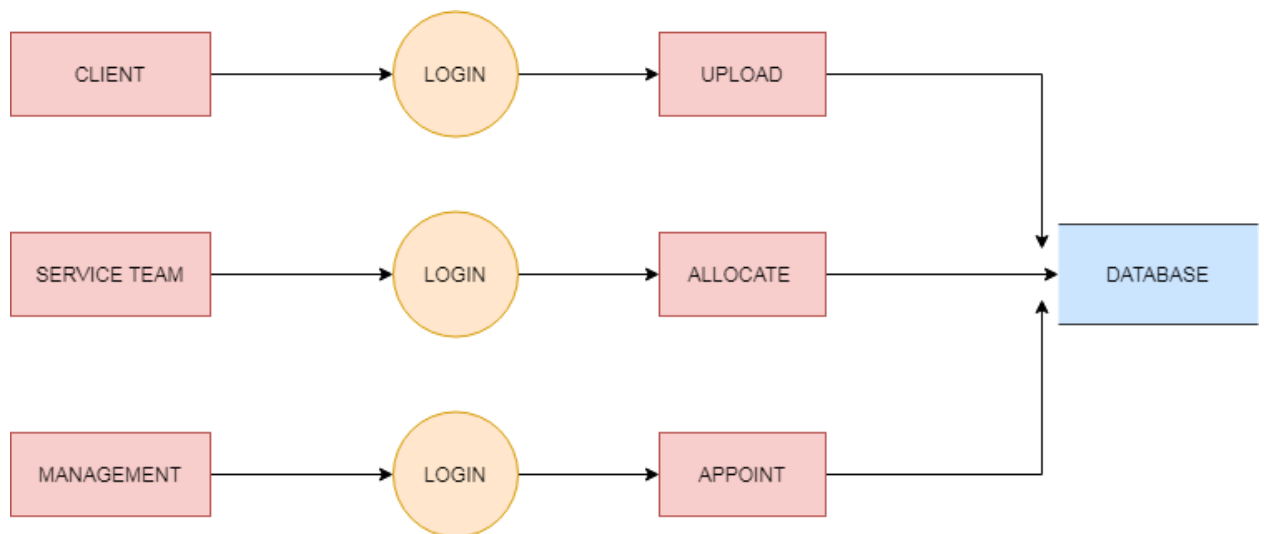
LEVEL 1:



LEVEL 2:



LEVEL 3:



EXPLANATION:

A data flow diagram (DFD) is a graphical representation of the “flow” of data through an information system. It differs from the flowchart as it shows the data flow instead of the control flow of the program. A data flow diagram can also be used for the visualization of data processing. The DFD is designed to show how a system is divided into smaller portions and to highlight the flow of data between those parts.

MODULE DESCRIPTION

- PUBLIC COMPLAINT
- DEPARTMENT REGISTER
- DEPARTMENT LOGIN
- SELECT DEPARTMENT
- DEPARTMENT UPLOAD
- GOVERNMENT LOGIN
- GOVERNMENT VIEW
- GOVERNMENT TENDER ALLOCATION

- GOVERNMENT APPROVE
- CONTRACTOR REGISTER
- CONTRACTOR LOGIN
- CONTRACTOR REQUEST TENDER
- CONTRACTOR APPOINTMENT

- **PUBLIC COMPLAINT:**

In this module in our project, here symbolizes a unit of work performed within a database management system. Public add complaint something about some issues about his/her area or zone such as water department issue, Electricity related issue with the picture of that.

- **DEPARTMENT REGISTER:**

The register module provides a conceptual framework for entering data on those department in a way that: eases data entry & accuracy by matching the department entry to the data source (usually paper files created at point of care), ties easily back to individual department records to connect registers to department data, and collects data elements to enable better supervision of tender programs.

- **DEPARTMENT LOGIN:**

In this module in our project, here symbolizes a unit of work performed within a database management system (or similar system) against a database, and treated in a coherent and reliable way independent of other transactions. A transaction generally represents any change in database user will transfer the amount to provider.

- **GOVERNMENT VIEW:**

In this module the government will also view the contractor. And analysis the details will be responsible for your file stored in database.

- **GOVERNMENT TENDER ALLOCATION:**

In this module the government will allocate the tender for the government project. Analysis the details will be responsible for your file stored in database.

- **GOVERNMENT APPROVE:**

In this module is used to help to the contractor to request the tender with the land longitude and the contractor will update the report along with their opinion and they will be stored the database.

- **CONTRACTOR REGISTER:**

The register module provides a conceptual framework for entering data on those contractors in a way that: eases data entry & accuracy by matching the contractor entry to the data source (usually paper files created at point of care), ties easily back to individual charity records to connect registers to contractor data, and collects data elements to enable better supervision of tender programs.

- **CONTRACTOR LOGIN:**

In this module in our project, here symbolizes a unit of work performed within a database management system (or similar system) against a database, and treated in a coherent and reliable way independent of other transactions. A transaction generally represents any change in database user will transfer the amount to provider.

- **CONTRACTOR TENDER REQUEST:**

In this module the contractor will also view the request. And analysis the details will be responsible for your file stored in database.

- **CONTRACTOR APPOINTMENT:**

In this module is used to help to the contractor to request the tender with the appointment by the government and the contractor will update the report along with their opinion and they will be stored the database.

- **SELECT DEPARTMENT:**

In this module in our project, here the department is need to select the department like construction or some department for the tender allocation.

- **DEPARTMENT UPLOAD:**

The register module provides a conceptual framework for uploading data on those department in a way that: eases data entry & accuracy by matching the department entry to the data source (usually paper files created at point of care), ties easily back to individual department records to connect registers to department data, and collects data elements to enable better supervision of donation programs.

- **GOVERNMENT LOGIN:**

In this module in our project, here symbolizes a unit of work performed within a database management system (or similar system) against a database, and treated in a coherent and reliable way independent of other transactions. A transaction generally represents any change in database user will transfer the amount to provider.

CHAPTER – 7

CONCLUSION

In this article, we have discussed on the need and benefits of using block chain technology in the government tender assignment process. We have used to implement the end-to-end edge computing framework for a government tender Workflow. The SHA algorithm is proposed to associate the best-suited constructors to the tender projects, thereby enhancing the profit of both the government Tenders and the construction companies. We have also studied the performance evaluation of the proposed model. The proposed model proves to give better results in terms of different tender parameters as compared to its counterparts.

APPENDIX

A. CODING

INDEX :

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
```

```
    pageEncoding="ISO-8859-1"%>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
```

```
<html>
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
```

```
<title>HOME PAGE</title>
```

```
<link rel="stylesheet" href="css/bootstrap.min.css">
```

```
<link rel="stylesheet" href="css/fontawesome.min.css">
```

```
<style>
```

```
ul {
```

```
    list-style-type: none;
```

```
    margin: 0;
```

```
    padding: 10px;
```

```
    overflow: hidden;
```

```
background-color: #333;  
}
```

```
li {  
  float: right;  
}
```

```
li a {  
  display: block;  
  color: white;  
  text-align: center;  
  padding: 14px 16px;  
  text-decoration: none;  
  
}
```

```
li a:hover:not(.active) {  
  background-color: #00f;  
}
```

```
.active {  
  background-color: #4CAF50;  
}
```

```
body {  
  background: url(image/gm1.jpg)no-repeat 0px 0px;  
  
  background-size: 100% 100%;  
  min-height: 795px;
```

```
position:relative;
}
h2{
text-shadow: 2px 2px 5px green;
font-style: italic;
font-family: "Times New Roman", Times, serif;
color:yellow;
font-size: 30px;
}
```

```
/* img{
padding-right:20%;
} */
span{
color:red;
}
</style>
```

```
</head>
```

```
<body>
```

```
<ul>
```

```
<li><b><a href="contactorfirst.jsp">CONTRACTOR</a></b></li>
```

```
<li><b><a href="govermentlogin.jsp">GOVERNMENT</a></b></li>
```

```
<li><b><a href="departlogin.jsp">DEPARTMENT</a></b></li>
```

```
<li><b><a href="publicmain.jsp">PUBLIC COMPLIANT</a></b></li>
```

```
<li><b><a href="#home">HOME</a></b></li>
```

```
</ul>
```

```
<center><h2><span>GOVERNMENT</span>  
CONTRACT</center><br></h2>
```

```
</body>  
</html>
```

PUBLIC MAIN :

```
<%@ page language="java" contentType="text/html; charset=ISO-  
8859-1"
```

```
    pageEncoding="ISO-8859-1"%>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<link rel="stylesheet" href="css1/bootstrap.min.css">
```

```
    <head>
```

```
        <title>
```

```
            Compliant page
```

```
        </title>
```

```
    <style>
```

```
        /* CSS property for header section */
```

```
        .header {
```

```
            background-color: green;
```

```
            padding: 15px;
```

```
            text-align: center;
```

```
        }
```

```
        /* CSS property for navigation menu */
```

```

.nav_menu {
    overflow: hidden;
    background-color: #333;
}
.nav_menu a ,input,button{
    float: left;
    display: block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}
.nav_menu input,a:hover {
    background-color: white;
    color: green;
}
</style>
</head>

<body>

<!-- header of website layout -->
<div class = "header">
    <h2 style = "color:white;font-size:200%;">
        PUBLIC COMPLAINT SECTION
    </h2>
</div>

```

```

<div class = "nav_menu">
    <a href = "publiccompliant.jsp">Compliant </a>

<form action="search.jsp" method="post">
    <input type="text" placeholder="Compliant Status" name="search"
autocomplete="off">
    <button type="submit" style="color:green;">Submit</button>
</form>
<a href = "index.jsp">Logout</a>
</div><br>

    <center style = "font-size:200%;">
<b>Compilant Section</b>
    </center>
</body>
</html>

```

PUBLIC COMPLIENT :

```

<html>
    <%@page import="java.util.*" %>
    <link rel="stylesheet" href="css1/bootstrap.min.css">
    <head>
        <title>Form Validation</title>
        <Style>
body{
background-image:url("image/24.jpg");
background-size:cover;

```

```
}
```

```
</Style>
```

```
</head>
```

```
<body>
```

```
<form action="publiccompliantjava" method="post"
enctype="multipart/form-data"><br>
```

```
<h3>Complaining Person's Details </h3>
```

```
<div class="form-row">
```

```
<div class="form-group col-md-6">
```

```
<label for="inputEmail4">Full Name</label>
```

```
<input type="text" class="form-control" id="inputEmail4"
```

```
name="name" placeholder="Full Name" REQUIRED>
```

```
</div>
```

```
<div class="form-group col-md-6">
```

```
<label for="inputPassword4">Email Address</label>
```

```
<input type="email" class="form-control" id="inputPassword4"
```

```
name="email" placeholder="Enter Email Address" required>
```

```
</div>
```

```
</div>
```

```
<div class="form-group">
```

```
<label for="inputAddress">Address</label>
```

```
<input type="text" class="form-control" id="inputAddress"
```

```
name="add" placeholder="Ex 1234 Main St">
```

```
</div>
```

```
<div class="form-row">
```

```
<div class="form-group col-md-4">
  <label for="inputCity">Compliant Date</label>
  <input type="date" name="doc" class="form-control" id="inputCity"
required>
</div>
```

```
<div class="form-group col-md-4">
  <label for="inputZip">Mobile Number</label>
  <input type="number" name="number" class="form-control"
id="inputZip" required>
</div>
```

```
</div>
```

```
<h3>Compliant Location And Type of Compliant </h3>
<div class="form-group col-md-12">
<label for="inputZip">Zone</label><br>

      <select class="form-control" name="zone"
placeholder="Zone">
        <option
value="THIRUVOTRIYUR">THIRUVOTRIYUR</option>
        <option value="MANALI">MANALI</option>
        <option
value="MADHAVARAM">MADHAVARAM</option>
        <option
value="TONDIARPET">TONDIARPET</option>
```

```

        <option
value="ROYAPURAM">ROYAPURAM</option>
        <option value="THIRU-VI-KA NAGAR">THIRU-VI-KA
NAGAR</option>
        <option value="AMBATTUR">AMBATTUR</option>
        <option value="ANNA NAGAR">ANNA
NAGAR</option>
        <option value="TEYNAMPET">TEYNAMPET</option>
        <option
value="KODAMBAKKAM">KODAMBAKKAM</option>
        <option
value="VALASARAVAKKAM">VALASARAVAKKAM</option>
        <option value="ALANDUR">ALANDUR</option>
        <option value="ADYAR">ADYAR</option>
        <option value="PERUNGUDI">PERUNGUDI</option>
        <option
value="SOZHANGANALLUR">SOZHANGANALLUR</option>

    </select>
</div>

```

```

<div class="form-group">
    <label for="inputAddress">Compliant Department</label>
    <select name="department" class="form-control" placeholder="Zone"
    >
        <option value="WATER MANAGEMENT">WATER
MANAGEMENT</option>

```

```

    <option value="WASTE MANAGEMENT">WASTE
MANAGEMENT.</option>
    <option value="BULIDING DEVELOPMENT ">BULIDING
DEVELOPMENT </option>
    <option value="ROAD SECTOR">ROAD SECTOR</option>

</select> </div>

```

```

<div class="form-row">
  <div class="form-group col-md-6">
    <label for="inputCity">Compliant Type</label>
    <input type="text" name="type" class="form-control" id="inputCity"
required>
  </div>
</div>

<div class="form-row">
  <div class="form-group col-md-6">
    <label for="inputCity">Street </label>
    <input type="text" name="street" class="form-control"
id="inputCity" required>
  </div>

```

```

<div class="form-group col-md-6">
  <label for="inputZip">Compliant Description minimum of
words</label>
  <textarea type="text" name="desc" class="form-control"
id="inputZip" required></textarea>
</div>

```

```

</div>

<div class="form-group col-md-4">
  <label for="inputZip">Upload Compliant Related Pic Here!!</label>
  <input type="file" name="filename" class="form-control"
id="inputZip" required>
</div>
<center><br>
  <button type="submit" class="btn btn-primary">Complaint </button>
</center>
</form>
</body>
</html>

```

GOVERNMENT MAIN :

```

<!DOCTYPE html>
<html>
<head>
<style>
body {
  background-image:url("image/gm22.jpg");
  background-repeat:no-repeat;
  background-size:cover;
  margin: 0;
}

ul {
  list-style-type: none;
  margin: 0;

```

```

padding: 0;
width: 15%;
background-color: #f1f1f1;
position: fixed;
height: 100%;
overflow: auto;
}

li a {
display: block;
color: #000;
padding: 8px 16px;
text-decoration: none;
}

li a.active {
background-color: #1955a0;
color: white;
}

li a:hover:not(.active) {
background-color: #92a8d1;
color: white;
}
</style>
</head>
<body>

<ul>

```

```

<li><a class="active" href="#home">HOME</a></li>
  <li><a href="Complaintview.jsp">PUBLIC COMPLIANT</a></li>
  <li><a href="Status.jsp">COMPLIANT STATUS</a></li>
  <li><a href="Activate.jsp">ACTIVATE</a></li>

  <li><a href="respose.jsp">RESPONSE</a></li>
  <li><a href="tendorlist.jsp">TENDORS DETAILS</a></li>
  <li><a href="index.jsp">LOGOUT</a></li>
</ul>

<div style="margin-right:50%;height:10px;padding: 1px 91px;}">

</div>

</body>
</html>

```

GOVERNMENT LOGIN :

```

<%@ page language="java" contentType="text/html; charset=ISO-
8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-
8859-1">
<title>Insert title here</title>

```

```

<style>
body{
background-image:url("image/gm6.png");
background-size: 100%;
}
.myDiv {
border: 5px outset #ffe0b3;
background-color: #fff5e6;
border-radius: 10px;
width:400px;
height:250px;
margin: auto;
padding-top:30px;
box-shadow: 25px 20px 20px #888888;

}
.myDiv2 {
font-size:25px;
font-style: italic;
font-weight: bold;
color:#331100;
}
input[type=text]{
background-color: #3CBC8D;
color: white;}
input[type=email]{
background-color: #3CBC8D;
color: white;
}

```

```
.myDiv {  
    border: 5px outset #ffe0b3;  
    background-color: #f9f5f000;  
    border-radius: 10px;  
    width: 400px;  
    height: 250px;  
    margin: auto;  
    padding-top: 30px;  
    box-shadow: 18px -19px 20px 0px #888888;
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<br><br><br>
```

```
<center>
```

```
<div class="myDiv2">
```

```
    Governmnt Login
```

```
</div>
```

```
</center>
```

```
<br><br><br><br><br><br>
```

```
    <form action="govelogin" method="post">
```

```
    <div class="myDiv">
```

```
    <center>
```

```

<input type="email" name="email" placeholder="ENTER EMAIL"
style="width:280px;height:40px;border-radius: 10px;text-
align:center;"><br><br>
<input type="text" name="pass" placeholder="PASSWORD"
style="width:280px;height:40px;border-radius: 10px;text-
align:center;"><br><br>
<input type="submit" value="Submit"
style="width:100px;height:40px;border-radius: 10px;"><br><br>

</center>
</div>

</form>

</body>
</html>

```

DEPARTMENT MAIN :

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
<title>Document</title>
<style>
body {
    background: url(image/gm4.jpg)no-repeat 0px 0px;

```

```

    background-size: 100% 100%;
    min-height: 795px;
    position: relative;
}
a{
color: rgb(56 212 17);
}
body{
    margin: 0px;
    margin-top: 10px;
    padding: 0px;
}
nav{
    position: fixed;
    Center : 0;
    width: 100%;
    background-color: rgb(39, 39, 39);
    overflow: auto;
    height: auto;
}
.links {
    display: inline-block;
    text-align: center;
    padding: 14px;
    color: rgb(56 212 17););
    text-decoration: none;
    font-size: 17px;
}

```

```

.links:hover {
    background-color: rgb(100, 100, 100);
}
.selected{
    background-color: rgb(0, 18, 43);
}
</style>
</head>
<body>
<%String department=session.getAttribute("depart").toString(); %>

<nav>
    <a class="con" href=""><%out.println(department); %></a>
    <a class="links selected" href="#"> HOME</a>
    <a class="links" href="departviewcom.jsp">COMPLAINTS</a>
    <a class="links" href="ComplaintSta.jsp">TENDORS DETAILS</a>
    <a class="links" href="index.jsp"> LOGOUT</a>

</nav>
</body>
</html>

```

DEPARMENT LOGIN :

```

<%@ page language="java" contentType="text/html; charset=ISO-
8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>

```

```
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-
8859-1">
<title>Insert title here</title>
<script type='text/javascript' src='js/jquery-3.6.0.min.js'></script>
```

```
</head>
```

```
<style>
```

```
body{
background-image:url("image/gm8.png");
background-repeat:no-repeat;
background-size:1375px 700px;
]
}
```

```
@import "bourbon";
```

```
* {
  box-sizing: border-box;
}
```

```
.login-wrapper {
  width: 300px;
  margin-center: 100px 100px;
}
```

```
button {
  padding: 8px 15px;
  border: 0;
  outline: 0;
```

```
color: white;
background: red;
font-size: 14px;
text-transform: uppercase;
border-radius: 4px;
box-shadow: 0 4px 0 darken(#1BBC9B, 5%);
&:active {
    margin-top: 2px;
    box-shadow: 0 2px 0 darken(#1BBC9B, 5%);
}
}
```

```
.login-container {
    position: relative;
}
```

```
.login-form {
    display: none;
    position: absolute;
    padding: 20px;
    margin-top: 10px;
    background: #b73333;
    border-radius: 4px;
    box-shadow: 0 4px 0 darken(#ddd, 5%);
    input {
        width: 100%;
        padding: 8px;
        margin-bottom: 10px;
        border: 0;
```

```

outline: 0;
background: #f1f1f1;
font-weight: 300;
font-style: italic;
border-radius: 2px;
&:last-child {
    margin-bottom: 0;
}
}
input[type="submit"] {
    color: #ffF;
    background: #1BBC9B;
    font-style: normal;
    box-shadow: 0 4px 0 darken(#1BBC9B, 5%);
}
}

```

```

@include keyframes(slide) {
    0% {
        opacity: 0;
        @include transform(translateY(20px));
    }
    100% {
        opacity: 1;
        @include transform(translateY(0));
    }
}

```

```

.open {

```

```

    @include animation(slide 1s);
    display: block;
}
a{
    text-decoration-line: none;}
</style>
<body>
<center><br><br><br><br><br><br>
<div class="login-wrapper">
    <button id="login-button">log in</button>
    <div class="login-container">
        <form action="deparlogin" class="login-form" method="post">
            <input type="text" placeholder="Staff Name" name="name"
style="width:280px;height:40px;border-radius: 10px;text-
align:center;"><br><br>

            <select name="department" id="cars"
style="width:280px;height:40px;border-radius: 10px;text-
align:center;"><br><br>>
                <option value="WATER MANAGEMENT">WATER
MANAGEMENT</option>
                <option value="WASTE MANAGEMENT.">WASTE
MANAGEMENT.</option>
                <option value="BULIDING DEVELOPMENT ">BULIDING
DEVELOPMENT </option>
                <option value="ROAD SECTOR">ROAD SECTOR</option>

            </select><br><br>

```

```

        <input type="password" placeholder="Password" name="pass"
style="width:280px;height:40px;border-radius: 10px;text-
align:center;"><br><br>
        <input type="submit" value="SUBMIT"
style="width:90px;height:30px;border-radius: 10px;text-align:center;" >
        <a href="departreg.jsp">New Staff Reg here</a>
    </form>
</div>
</div>
</center>
</body>
<script>
$( '#login-button' ).click(function() {
    $( '.login-form' ).toggleClass('open');
})
</script>
</html>

```

DEPARTMENT REGISTRATION :

```

<%@ page language="java" contentType="text/html; charset=ISO-
8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-
8859-1">
<title>Insert title here</title>

```

```
<style>
body {
    background: url(image/gm2.jpg)no-repeat 0px 0px;

    background-size: 100% 100%;
    min-height: 795px;
    position:relative;
.myDiv {
    border: 5px outset #77c732;
    background-color: lightblue;
    border-radius: 10px;
    width:500px;
    height:330px;
    margin: auto;
    padding-top:30px;
    box-shadow: 25px 20px 20px #888888;

}
.myDiv2 {
    font-size:25px;
    font-style: italic;
font-weight: bold;
color: #77c732;
}

</style>

</head>
```

```
<body>
```

```
<br><br><br><br><br><br><br><br><br>
```

```
<center>
```

```
<div class="myDiv2">
```

```
Register Here!!
```

```
</div>
```

```
</center>
```

```
<br><br>
```

```
<div class="myDiv">
```

```
<center>
```

```
<form action="departreg" method="post">
```

```
<input type="text" name="username" placeholder="STAFFNAME"
style="width:280px;height:40px;border-radius: 10px;text-
align:center;"><br><br>
```

```
<select name="department" id="cars"
style="width:280px;height:40px;border-radius: 10px;text-
align:center;"><br><br>>
```

```
<option value="WATER MANAGEMENT">WATER
MANAGEMENT</option>
```

```
<option value="WASTE MANAGEMENT.">WASTE
MANAGEMENT.</option>
```

```
<option value="BULIDING DEVELOPMENT ">BULIDING
DEVELOPMENT </option>
```

```
<option value="ROAD SECTOR">ROAD SECTOR</option>
```

```
</select><br><br>
```

```

<input type="password" name="pass" placeholder="Password"
style="width:280px;height:40px;border-radius: 10px;text-
align:center;"><br><br>
<input type="password" name="cpass" placeholder="Confirm
Password" style="width:280px;height:40px;border-radius: 10px;text-
align:center;"><br><br>
<input type="submit" value="Submit"
style="width:100px;height:40px;border-radius: 10px;"><br><br>

</form>
</center>
</div>

</body>
</html>

```

DEPARTMENT VIEW :

```

<%@ page language="java" contentType="text/html; charset=ISO-
8859-1"
    pageEncoding="ISO-8859-1"%>
    <%@page import=" dbcon.Database"%>
    <%@page import="java.sql.ResultSet"%>
    <%@page import="java.sql.PreparedStatement" %>
    <%@page import="java.sql.*" %>
    <%@page import="java.util.*" %>
    <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
    <html>

```

```

<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-
8859-1">
<title>Insert title here</title>
<link rel="stylesheet" href="css1/bootstrap.min.css">
</head>
<body>
<%String depart=session.getAttribute("depart").toString(); %>
<table class="table table-xm table-dark">
  <thead>
    <tr>
      <th scope="col">compliant name</th>

      <th scope="col">Compliant Date</th>
      <th scope="col">Compliant Type</th>
      <th scope="col">Compliant Zone</th>
      <th scope="col">Compliant Address</th>
      <th scope="col">Description</th>
      <th scope="col">Documentation</th>
      <th scope="col">STATUS</th>
      <th scope="col">Compliant Taking</th>

    </tr>
  </thead>
  <%
    Connection con;

```

```

con=Database.create();
PreparedStatement ps=con.prepareStatement("SELECT * FROM
`contract`.`publiccom` where department='"+depart+"' and
Status='Forward' ");

```

```

ResultSet rs=ps.executeQuery();

```

```

while(rs.next())
{
    String email=rs.getString(2);
    String cname= rs.getString(1);

```

```

String kyc= rs.getString(8);

```

```

    %>

```

```

<tr class="bg-warning">

```

```

<td style="text-align: center;"><%=rs.getString(2)%></td>

```

```

    <td style="text-align: center;"><%= rs.getString(4) %></td>

```

```

<td style="text-align: center;"><%= rs.getString(9) %></td>

```

```

    <td style="text-align: center;"><%=rs.getString(7)%></td>

```

```

    <td style="text-align: center;"><%= rs.getString(10) %></td>

```

```

    <td style="text-align: center;"><%= rs.getString(11) %></td>

```

```

<td style="text-align: center;"><%= rs.getString(12) %></td>

```

```

        <td><a href="Finish.jsp?id=<%=rs.getString(1)%>"><button
class="btn btn-primary">FINISH</button></a></td>

        <td><a
href="action.jsp?cemail=<%=rs.getString(3)%>&&cdate=<%=rs.getStri
ng(5)%>&&zone=<%=rs.getString(7)%>&&ctype=<%=rs.getString(9)%
>&&address=<%=rs.getString(10)%>"><button class="btn btn-
primary">Action</button></a></td>

    </tr>
<%}%%>
</table>
</body>
</html>

```

DETAILS UPLOAD :

```

<%@ page language="java" contentType="text/html; charset=ISO-
8859-1"

```

```

    pageEncoding="ISO-8859-1"%>

```

```

    <%@ page import="java.util.*" %>

```

```

    <%@ page import="javax.servlet.http.HttpSession" %>

```

```

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta charset="utf-8">

```

```

<meta name="viewport" content="width=device-width, initial-
scale=1">
<link rel="stylesheet" href="css/bootstrap.min.css">
<script type="text/javascript" src="js/jquery.min.js"></script>
<script type="text/javascript" src="js/bootstrap.min.js"></script>
<title>File Upload</title>
<style type="text/css">
    body {
        background-image: url("image/gm3.jpg");
        background-repeat: no-repeat;
        background-size: 100% 800px;
    }
    h1,label
    {
        color: black;
    }
</style>
</head>
<body>

```

```

<%

```

```

    Random r1=new Random();

```

```

    String key2="ABCDE12345";

```

```

    char c5=key2.charAt(r1.nextInt(key2.length()));

```

```

    char c6=key2.charAt(r1.nextInt(key2.length()));

```

```

    char c7=key2.charAt(r1.nextInt(key2.length()));

```

```

    char c8=key2.charAt(r1.nextInt(key2.length()));

```

```

    char c9=key2.charAt(r1.nextInt(key2.length()));

```

```
String t6="" + c5 + "" + c6 + "" + c7 + "" + c8 + "" + c9;  
%>
```

```
<% String department=session.getAttribute("depart").toString(); %>
```

```
<div class="col-sm-4"></div>  
<div class="col-sm-4">  
  <center><br><br>  
    <h1>UPLOAD FILE</h1><br><br>  
    <form action="upload" method="post" enctype="multipart/form-  
data">  
      <div class="form-group row">  
        <label for="colFormLabelSm" class="col-sm-5 col-form-label col-  
form-label-sm">DEPARTMENT:</label>  
        <div class="col-sm-7">  
          <input type="text" name="department" class="form-control form-  
control-sm" placeholder="DEPARTMENT" value="<%=department  
%>" readonly="readonly">  
        </div>  
      </div>  
    </div>  
  
    <div class="form-group row">
```

```

<label for="colFormLabelSm" class="col-sm-5 col-form-label col-
form-label-sm"></label>
<div class="col-sm-7">
    <input type="text" name="pass" class="form-control form-control-
sm" placeholder="Trapdoor key" value="<%=t6 %>"
readonly="readonly">
</div>
</div>
<div class="form-group row">
    <label for="colFormLabelSm" class="col-sm-5 col-form-label col-
form-label-sm">DATE:</label>
    <div class="col-sm-7">
        <input type="date" name="date" class="form-control form-control-
sm" placeholder="DEPARTMENT" >
    </div>
</div>
<div class="form-group row">
    <label for="colFormLabelSm" class="col-sm-5 col-form-label col-
form-label-sm">ZONE</label>
    <div class="col-sm-7">
        <input type="text" name="zone" class="form-control form-control-
sm" placeholder="ZONE" >
    </div>
</div>

<div class="form-group row">
    <label for="colFormLabelSm" class="col-sm-5 col-form-label col-
form-label-sm">Upload Your File:</label>
    <div class="col-sm-7">

```

```

        <input type="file" name="pass" class="form-control form-control-sm" accept="application/pdf">
    </div>
</div>

    <input type="submit" class="btn btn-success" value="Upload">

</form>
    </center>
    </div>
    <div class="col-sm-4"></div>
</body>
</html>

```

DETAILS VIEW :

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
    <%@page import=" dbcon.Database"%>
    <%@page import="java.sql.ResultSet"%>
    <%@page import="java.sql.PreparedStatement" %>
    <%@page import="java.sql.*" %>
    <%@page import="java.util.*" %>
    <%@ include file="govermentmain.jsp" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>

```

```
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
```

```
<title>Insert title here</title>
```

```
</head>
```

```
<style>
```

```
body{
```

```
background-color:black;}
```

```
table {
```

```
width:70%;
```

```
margin-top: 60px;
```

```
margin-rigth: 60px;
```

```
}
```

```
table, th, td {
```

```
border: 1px dotted white;
```

```
border-collapse: collapse;
```

```
color:black;
```

```
}
```

```
th, td {
```

```
padding: 1px 9px;
```

```
text-align: center;
```

```
}
```

```
table#t01 tr:nth-child(even) {
```

```
background-color: black;
```

```
}
```

```
table#t01 tr:nth-child(odd) {
```

```
background-color:#fff;
```

```
}
```

```
table#t01 th {
```

```

        background-color: black;
        color: black;
    }
</style>

<body>
<center>
<table class = "table table-bordered">

<thead>
    <tr>
        <th>DEPARMENT NAME</th>
        <th>DATE</th>
        <th>ZONE</th>
        <th>DOCUMENT</th>
        <th>ADDRESS</th>
        <th>COMPLIENT</th>
        <th>VIEW</th>
        <th>UPLOAD</th>

    </tr>
</thead>

<%
Connection d = Database.create();

```

```

        PreparedStatement p = d.prepareStatement("SELECT * FROM
`contract`.`departde` where status='YES'");

```

```

        ResultSet s=p.executeQuery();

```

```

        while(s.next())

```

```

        {

```

```

            %>

```

```

        <tr>

```

```

        <tr>

```

```

        <td><%=s.getString(6)%></td>

```

```

        <td><%=s.getString(3)%></td>

```

```

        <td><%=s.getString(4)%></td>

```

```

        <td><%=s.getString(10)%></td>

```

```

            <td><%=s.getString(5)%></td>

```

```

        <td><%=s.getString(7)%></td>

```

```

        <td><a href="Down.jsp?filename=<%=s.getString(10)%>"><button
class="btn btn-primary">DOWNLOAD</button></a></td>

```

```

        <td><a href="fundallot.jsp?id=<%=s.getString(1)
%>&&depart=<%=s.getString(6)%>&&date=<%=s.getString(3)%>&&z
one=<%=s.getString(4)%>&&Add=<%=s.getString(5)%>&&filekey=<%
=s.getString(4)%>"><button class="btn btn-
primary">UPLOAD</button></a></td>

```

```

            <%}%>

```

```

    </table>

```

```

</center>

```

</body>

</html>

CONTRACTOR MAIN :

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>HOME PAGE</title>

<style>

ul {

list-style-type: none;

margin: 0;

padding: 10px;

overflow: hidden;

background-color: #333;

}

li {

float: right;

}

li a {

```

display: block;
color: white;
text-align: center;
padding: 14px 16px;
text-decoration: none;

}

li a:hover:not(.active) {
    background-color: #00f;
}

.active {
    background-color: #4CAF50;
}

body {
    background: url(image/gm16.jpg)no-repeat 0px 0px;

    background-size: 100% 100%;
    min-height: 795px;
    position: relative;
}

h2{
    text-shadow: 2px 2px 5px green;
    font-style: italic;
    font-family: cursive;
    color: yellow;
    font-size: 30px;

```

```

}
span{
color:orange;
}

/* img{
padding-right:20%;
} */

</style>

</head>
<body>
<%String department=session.getAttribute("company").toString(); %>
<ul>

    <li><b><a href="contarctlogin.jsp">BACK</a></b></li>
    <!--    <li><b><a href="rejectview.jsp">REJECTED</a></b></li> -->
    <li><b><a href="appointview.jsp">APPOITED</a></b></li>
    <li><b><a href="viewcontract.jsp">VIEW CONTRACT</a></b></li>

    <li><a class="con" href="" ><%out.println(department); %></a></li>
    <li><b><a href="#home">HOME</a></b></li>
</ul>

<center><h2>CONTRACTOR <span>MAIN</span>
PAGE</center><br></h2>
<!-- <center>

```

</center> -->

</body>

</html>

CONTRACTOR LOGIN :

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@include file="contactorfirst.jsp" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"

"http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<style>

body{

background-image:url("image/gm14.jpg");

background-repeat:no-repeat;

background-size:110%;

}

.myDiv {

border: 5px outset #989084;

background-color: #46556fe6;

border-radius: 10px;

width:400px;

height:250px;

```

margin: auto;
padding-top:30px;
/* box-shadow: 25px 20px 20px #888888; */

}

.myDiv2 {
font-size:25px;
font-style: italic;
font-weight: bold;
color:#331100;
}
a{
text-decoration:none;
color:white;}
span{
color:red;

}

.myDiv2{
color:white;
font-variant: small-caps;
}
</style>

</head>
<body>

<center>

```

```
<div class="myDiv2">
  <span>L</span>ogin <span>P</span>age
</div>
</center>
<br><br><br><br><br><br>
<form action="conlog" method="post">
<center>
```

```
<input type="text" name="cname" placeholder="Enter Company
Name" style="width:280px;height:40px;border-radius: 10px;text-
align:center;"><br><br>
```

```
  <input type="password" name="pass" placeholder="Password"
style="width:280px;height:40px;border-radius: 10px;text-
align:center;"><br><br>
```

```
  <input type="submit" value="Submit"
style="width:100px;height:40px;border-radius: 10px;"><br><br>
```

```
<a href="contarctorreg.jsp"><span>NEW </span>CONTRACTOR
<span>REGISTER </span>HERE</a>
```

```
</div>
</center>
</form>
```

```
</body>
</html>
```

CONTRACTOR REGISTRATION :

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
```

```
    pageEncoding="ISO-8859-1"%>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
```

```
<html>
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
```

```
<title>Insert title here</title>
```

```
<link rel="stylesheet" href="css/bootstrap.min.css">
```

```
<script type='text/javascript' src='js/jquery-3.6.0.min.js'></script>
```

```
<style>
```

```
body{
```

```
background-image:url("image/c1.jpg");
```

```
background-repeat:no-repeat;
```

```
background-size:cover;
```

```
}
```

```
span{
```

```
color:red;
```

```
font-family:
```

```
}
```

```
h1{
```

```
font-variant:small-caps;
```

```
}
```

```
h4{
```

```
color:red;}
```

</style>

</head>

<body>

<center>

<form action="contactordetails" method="post"
enctype="multipart/form-data">

<h1>REGISTER HERE</h1>

<h4>Company Name</h4>

<input type="text" placeholder="Enter Company Name"
name="cname" required style="width:300px;height:40px;border-radius:
1px;text-align:center; background-image: linear-gradient(to bottom
right, red, yellow);">

<h4>Company Mail</h4>

<input type="email" placeholder="Enter Company Email"
name="cmail" required style="width:300px;height:40px;border-radius:
1px;text-align:center; background-image: linear-gradient(to bottom
right, red, yellow);">

<h4>Company number</h4>

<input type="number" id="fieldSelectorId" placeholder="Enter
Company NUMBER" name="cnumber" pattern="[0-9]{3}-[0-9]{2}-[0-
9]{3}" required style="width:300px;height:40px;border-radius:
1px;text-align:center; background-image: linear-gradient(to bottom
right, red, yellow);">

<h4>password</h4>

<input type="password" placeholder=" PASSWORD" id="password1"
name="pass" required style="width:300px;height:40px;border-radius:

```
1px;text-align:center; background-image: linear-gradient(to bottom
right, red, yellow);">
<h4>Conpassword</h4>
<input type="password" placeholder="CONFIRM PASSWORD"
id="password2" name="cpass" required
style="width:300px;height:40px;border-radius: 1px;text-align:center;
background-image: linear-gradient(to bottom right, red, yellow);"><br>
```

```
<h4>Company Address</h4>
<textarea type="text" placeholder="Address Here" name="address"
required style="width:300px;height:60px;border-radius: 1px;text-
align:center;"></textarea><br>
```

```
<h4>Upload Kyc documentation</h4>
<input type="file" placeholder="COUNTRY" name="filename"
style="width:300px;height:40px;border-radius: 1px;text-align:center;
background-image: linear-gradient(to bottom right, red,
yellow);"><br><br>
```

```
<input type="Submit" value="register"
style="width:150px;height:40px;border-radius: 40px;text-align:center;
background-color:White;">
```

```
</form>
```

```
</center>
```

```
</body>
```

```
<script>
```

```
jQuery(document).ready(function () {
    jQuery("#fieldSelectorId").keypress(function (e) {
```

```

    var length = jQuery(this).val().length;
    if(length > 9) {
        return false;
    } else if(e.which != 8 && e.which != 0 && (e.which < 48 || e.which >
57)) {
        return false;
    } else if((length == 0) && (e.which == 48)) {
        return false;
    }
    });
});</script>

<script>
window.onload = function () {
    document.getElementById("password1").onchange =
validatePassword;
    document.getElementById("password2").onchange =
validatePassword;
}

function validatePassword() {
    var pass2 =
document.getElementById("password2").value;
    var pass1 =
document.getElementById("password1").value;
    if (pass1 != pass2)

document.getElementById("password2").setCustomValidity("Password
Doesn't Match");
    else

```

```

document.getElementById("password2").setCustomValidity("");
        //empty string means no validation error
    }
</script>
</html>

```

CONTRACTOR FIRST :

```

<%@ page language="java" contentType="text/html; charset=ISO-
8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-
8859-1">
<title>Insert title here</title>
</head>
<style>
body {
    margin: 0;
    background-image:url("image/gm20.jfif");
    background-repeat:no-repeat;
    background-position:50% 1%;
}

ul {
    list-style-type: none;

```

```
margin: 0;
padding: 0;
width: 15%;
background-color: #f1f1f1;
position: fixed;
height: 100%;
overflow: auto;
}
```

```
li a {
  display: block;
  color: #000;
  padding: 8px 16px;
  text-decoration: none;
}
```

```
li a.active {
  background-color: #1955a0;
  color: white;
}
```

```
li a:hover:not(.active) {
  background-color: #92a8d1;
  color: white;
}
```

```
</style>
```

```
<body>
```

```
<ul>
```

```
<li><a href="contarctlogin.jsp">LOGIN</a></li>
```

```
</li><a href="index.jsp">LOGOUT</a></li>
```

```
</ul>
```

```
</body>
```

```
</html>
```

COMPLAINT VIEW :

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
```

```
    pageEncoding="ISO-8859-1"%>
```

```
    <%@page import=" dbcon.Database"%>
```

```
<%@page import="java.sql.ResultSet"%>
```

```
<%@page import="java.sql.PreparedStatement" %>
```

```
<%@page import="java.sql.*" %>
```

```
<%@page import="java.util.*" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
```

```
"http://www.w3.org/TR/html4/loose.dtd">
```

```
<html>
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
```

```
<title>Insert title here</title>
```

```
<link rel="stylesheet" href="css1/bootstrap.min.css">
```

```
</head>
```

```
<body>
```

```
<table class="table table-xm table-dark">
```

```
    <thead>
```

```
        <tr>
```

```

<th scope="col">compliant name</th>

<th scope="col">Compliant Date</th>
<th scope="col">Compliant Type</th>
<th scope="col">Compliant Zone</th>
<th scope="col">Compliant Address</th>
<th scope="col">Description</th>
    <th scope="col">Documentation</th>
    <th scope="col">VIEW</th>
    <th scope="col">FORWARD</th>
</tr>
</thead>
<%

```

```

    Connection con;

```

```

    con=Database.create();
    PreparedStatement ps=con.prepareStatement("SELECT * FROM
`contract`.`publiccom` where status='Compliant'");

```

```

    ResultSet rs=ps.executeQuery();

```

```

    while(rs.next())
    {
        String email=rs.getString(2);
        String cname= rs.getString(1);

```

```

        String kyc= rs.getString(8);

```

```

%>

<tr>
<td style="text-align: center;"><%=rs.getString(2)%></td>

    <td style="text-align: center;"><%= rs.getString(4) %></td>
<td style="text-align: center;"><%= rs.getString(9) %></td>
    <td style="text-align: center;"><%=rs.getString(7)%></td>
    <td style="text-align: center;"><%= rs.getString(10) %></td>
    <td style="text-align: center;"><%= rs.getString(11) %></td>
<td style="text-align: center;"><%= rs.getString(12) %></td>
    <td><a
href="cview.jsp?filename=<%=rs.getString(12)%>"><button class="btn
btn-primary">View</button></a></td>

    <td><a
href="Forwardac.jsp?id=<%=rs.getString(1)%>"><button class="btn
btn-primary">Forward</button></a></td>

</tr>
<%}%>
</table>
</body>
</html>

```

COMPLAINT STATUS :

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
```

```
    pageEncoding="ISO-8859-1"%>
```

```
    <%@page import=" dbcon.Database"%>
```

```
<%@page import="java.sql.ResultSet"%>
```

```
<%@page import="java.sql.PreparedStatement" %>
```

```
<%@page import="java.sql.*" %>
```

```
<%@page import="java.util.*" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
```

```
<html>
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
```

```
<title>Insert title here</title>
```

```
<style>
```

```
table, td, th {
```

```
    border: 1px solid black;
```

```
}
```

```
table {
```

```
    border-collapse: collapse;
```

```
    width: 100%;
```

```
}
```

```
td {
```

```
    height: 50px;
```

```
    vertical-align: bottom;
```

```

}
</style>
</head>
<% String depart=session.getAttribute("depart").toString(); %>
<body>
<table class="table-dark">
<thead>
<tr>
<th scope="col">ZONE</th>
<th scope="col">ADDRESS</th>
<th scope="col">DEPARTMENT</th>
<th scope="col">ALLOCATE DATE</th>
<th scope="col">COMPANY NAME</th>

</tr>
</thead>

```

```

<%

```

```

Connection con;

```

```

con=Database.create();

```

```

PreparedStatement ps=con.prepareStatement("SELECT * FROM
`contract`.`departde` where department='"+depart+"' and
Statuss='Approved' ");

```

```
ResultSet rs=ps.executeQuery();
```

```
while(rs.next())
```

```
{
```

```
String email=rs.getString(2);
```

```
String cname= rs.getString(1);
```

```
String kyc= rs.getString(8);
```

```
%>
```

```
<tr>
```

```
<td style="text-align: center;"><%=rs.getString(4)%></td>
```

```
<td style="text-align: center;"><%= rs.getString(5) %></td>
```

```
<td style="text-align: center;"><%= rs.getString(6) %></td>
```

```
<td style="text-align: center;"><%= rs.getString(18) %></td>
```

```
<td style="text-align: center;"><%= rs.getString(20) %></td>
```

```
</tr>
```

```
<%} %>
```

</table>

</body>

</html>

ACTIVATE :

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
```

```
    pageEncoding="ISO-8859-1"%>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
```

```
<%@page import=" dbcon.Database"%>
```

```
<%@page import="java.sql.ResultSet"%>
```

```
<%@page import="java.sql.PreparedStatement" %>
```

```
<%@page import="java.sql.*" %>
```

```
<%@page import="java.util.*" %>
```

```
<%@ include file="govermentmain.jsp" %>
```

```
<html>
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
```

```
<title>Insert title here</title>
```

```
<link href="css/style.css" rel="stylesheet" type="text/css" media="all"
/>
```

```
<link href="css1/bootstrap.min.css" rel="stylesheet" type="text/css"
media="all" />
```

```
<script src="text/javascript" src='js/jquery-3.6.0.min.js'></script>
```

```

<script src="text/javascript" src='js/bootstrap.min.js'></script>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="css/font-awesome.min1.css">
</head>
<style>
body{
background-color:#9fa9bb;
}

table, td, th {
border: 1px solid black;
}

table {
border-collapse: collapse;
width: 70%;
margin-rigth: 70px;
}

td{
text-align: center;
padding-top: 1.0em;
padding-bottom: 1.0em;
}

th{
border: 3px solid black;
}

```

```

</style>
<body>
<center>
  <div class="container-fluid">
<table class="table-dark">
<thead>
  <tr>
    <th scope="col">COMPANY NAME</th>
    <th scope="col">EMAIL</th>
    <th scope="col">COMPANY  NUMBER</th>
    <th scope="col">KYC </th>
    <th scope="col">STATUS </th>

    <th scope="col">VIEW</th>
    <th scope="col">ACTIVATE</th>
  </tr>
</thead>

```

```

<%

```

```

Connection con;

```

```

con=Database.create();

```

```

PreparedStatement ps=con.prepareStatement("SELECT * FROM
`contract`.`contarctors` ");

```

```
ResultSet rs=ps.executeQuery();
```

```
while(rs.next())
```

```
{
```

```
String email=rs.getString(2);
```

```
String cname= rs.getString(1);
```

```
String kyc= rs.getString(8);
```

```
%>
```

```
<tr>
```

```
<td style="text-align: center;"><%=rs.getString(2)%></td>
```

```
<td style="text-align: center;"><%= rs.getString(3) %></td>
```

```
<td style="text-align: center;"><%= rs.getString(4) %></td>
```

```
<td style="text-align: center;"><%= rs.getString(8) %></td>
```

```
<td style="text-align: center;"><%= rs.getString(9) %></td>
```

```
<td><a
```

```
href="kycview.jsp?filename=<%=rs.getString(8)%>"><button
```

```
class="btn btn-primary">View</button></a></td>
```

```
<td><a
```

```
href="Activateac.jsp?email=<%=rs.getString(3)%>"><button
```

```
class="btn btn-primary">ACTIVATE</button></a></td>
```

```
</tr>
<%} %>
```

```
</table>
```

```
</div>
</center>
</body>
</html>
```

ACTIVATE PORTAL:

```
<%@ page import="dbcon.Database" %>
<%@page import="java.sql.PreparedStatement"%>
<%@ page import="java.sql.*"%>
<%
```

```
String name=request.getParameter("name");
String email=request.getParameter("email");
```

```
String status="Activate";
try{
    Connection con=Database.create();
    Statement st=con.createStatement();
    st.executeUpdate("UPDATE `contract`.`contarctors` set
status='"+status+"' where companyemail='"+email+"' ");
}
```

```

        response.sendRedirect("Activate.jsp?valid");
    }
    catch(Exception e){
        response.sendRedirect("error.jsp?inval id");
        System.out.println(e);
    }
}
%>

```

APPOINTMENT :

```

<%@ page language="java" contentType="text/html; charset=ISO-
8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-
8859-1">
<title>Insert title here</title>
<style>
.myDiv2 {
    font-size:25px;
    font-style: italic;
font-weight: bold;
color:blue;
}

table {

```

```

        width: 30%;
    }
    td {
        height: 50px;
        text-align: center;
    }

</style>

</head>
<body>

<%
int reg=0;
String company=request.getParameter("company");
String department=request.getParameter("department");
String alocate=request.getParameter("alocate");
String requests=request.getParameter("requests");
;

%>
<br><br>
<center>
<div class="myDiv2">
CONTRACT REQUEST PAGE
</div>
</center>
<center>
<form action="reqac.jsp" method="post">

```

```
<table>
```

```
<br>
```

```
<tr>
```

```
<td>DEPARTMENT</td>
```

```
<td><input type="text" value="<%=company%>" name="depart"
style="width:180px;height:30px;border-radius: 10px;text-align:center;"
readonly><br><br></td>
```

```
</tr>
```

```
<tr>
```

```
<td>UPLOADDATE</td>
```

```
<td><input type="text" value="<%=date%>" name="Date"
style="width:180px;height:30px;border-radius: 10px;text-align:center;"
readonly><br><br></td>
```

```
</tr>
```

```
<tr>
```

```
<td>ZONE</td>
```

```
<td><input type="text" value="<%=zone%>" name="Zone"
style="width:180px;height:30px;border-radius: 10px;text-align:center;"
readonly><br><br></td>
```

```
</tr>
```

```
<tr>
```

```
<td>ALLOCATED AMOUNT</td>
```

```
<td><input type="text" name="amount" value="<%=amount%>"
style="width:180px;height:30px;border-radius: 10px;text-align:center;"
readonly><br><br></td>
```

```
</tr>
```

```
<tr>
```

```
<td>REQUEST AMOUNT</td>
```

```
<td><input type="text" name="request" value=""  
style="width:180px;height:30px;border-radius: 10px;text-align:center;"  
><br><br></td>
```

```
</tr>
```

```
<tr>
```

```
<td>COMPANY NAME</td>
```

```
<td><input type="text" name="name" value=""  
style="width:180px;height:30px;border-radius: 10px;text-align:center;"  
readonly><br><br></td>
```

```
</tr>
```

```
<tr>
```

```
<td colspan="2"><input type="submit" value="Submit"  
style="width:110px;height:40px;border-radius: 10px;text-align:center;  
background-color: #ff6666"><br><br></td>
```

```
</tr>
```

```
</table>
```

```
</center>
```

```
</form>
```

```
</body>
```

```
</html>
```

APPOINTMENT VIEW :

```

<%@ page language="java" contentType="text/html; charset=ISO-
8859-1"
    pageEncoding="ISO-8859-1"%>
    <%@page import=" dbcon.Database"%>
<%@page import="java.sql.ResultSet"%>
<%@page import="java.sql.PreparedStatement" %>
<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-
8859-1">
<title>Insert title here</title>
    <link rel="stylesheet" href="css/bootstrap.min.css">

    <script type="text/javascript" src="js/jquery.min.js"></script>
    <script type="text/javascript" src="js/bootstrap.min.js"></script>
</head>
<style>
body{
background-color:white;
}

table, td, th {
    border: 1px solid black;
}

```

```
table {
    border-collapse: collapse;
    width: 90%;
}
```

```
td{
    text-align: center;
    padding-top: 1.0em;
    padding-bottom: 1.0em;
}
```

```
th{
    border: 3px solid black;
}
```

```
.my{
    text-decoration:none;
    font-size:50px;
}
```

```
</style>
```

```
<%String company=session.getAttribute("company").toString(); %>
```

```
<body>
```

```
<div class="my" style="float:right;">
```

```
<a href="contractormain.jsp">Back</a>
```

```
</div><br>
```

```
<center>
```

```
<div class="mydiv">
```

```
<h2><%=company %></h2>
```

```
</div>
```

```
</center>
```

```

<center>
  <div class="container-fluid">
<table class="table-dark">
<thead>
  <tr>

    <th scope="col">Zone</th>
    <th scope="col">Address</th>
    <th scope="col">Department</th>

    <th scope="col">Project Details</th>
    <th scope="col">Duration</th>
    <th scope="col">Allocate Date</th>
    <th scope="col">Total Cast</th>

  </tr>
</thead>

```

```

<%

```

```

Connection con;

```

```

con=Database.create();

```

```

PreparedStatement ps=con.prepareStatement("SELECT * FROM
`contract`.`departde` where companyname='"+company+"' and
Statuss='Approved'");

```

```
ResultSet rs=ps.executeQuery();
```

```
while(rs.next())
```

```
{
```

```
    String email=rs.getString(2);
```

```
String cname= rs.getString(1);
```

```
String kyc= rs.getString(8);
```

```
%>
```

```
<tr>
```

```
<th scope="row"><%= rs.getString(4)%></th>
```

```
<td><%=rs.getString(5)%></td>
```

```
<td><%=rs.getString(6)%></td>
```

```
<td><%=rs.getString(10)%></td>
```

```
<td><%=rs.getString(17)%></td>
```

```
<td><%=rs.getString(18)%></td>
```

```
<td><%=rs.getString(21)%></td>
```

```
</tr>
```

```
</tr>  
<%} %>
```

```
</table>
```

```
</div>  
</center>
```

```
</body>  
</html>
```

CONTENT VIEW :

```
<%@ page language="java" contentType="text/html; charset=ISO-  
8859-1"
```

```
    pageEncoding="ISO-8859-1"%>
```

```
    <%@page import="dbcon.Database"%>
```

```
    <%@page import="java.sql.ResultSet"%>
```

```
    <%@page import="java.sql.PreparedStatement" %>
```

```
    <%@page import="java.sql.*" %>
```

```
    <%@page import="java.util.*" %>
```

```
    <%@page import="java.io.FileInputStream" %>
```

```
    <%@page import="java.io.IOException" %>
```

```
    <%@page import="java.io.PrintWriter" %>
```

```

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-
8859-1">
<title>Insert title here</title>
</head>
<body>

<%

```

```

response.setContentType();
try
{
//PrintWriter out=response.getWriter();

```

```

String realpath = getServletContext().getRealPath("/");
String filepath = realpath.substring(0, realpath.indexOf("."))
    + "goverment\\WebContent\\Locals\\";

```

```

String filename=request.getParameter("filename");
System.out.println(filename);

```

```

/* String filepath="E:\\2016
Web\\ITJDM15\\WebContent\\compress\\"+compress+".zip";*/

```

```

response.setContentType("APPLICATION/OCTET-STREAM");

```

```
response.setHeader("Content-Disposition","attachment; filename=\"\"  
+ filename + "\"");
```

```
FileInputStream fileInputStream=new  
FileInputStream(filepath+filename);
```

```
int i;  
while ((i=fileInputStream.read()) != -1) {  
    out.write(i);  
}  
fileInputStream.close();  
}  
catch(Exception e)  
{  
    e.printStackTrace();  
}
```

```
%>
```

```
</body>
```

```
</html>
```

REQUEST :

```
<%@ page language="java" contentType="text/html; charset=ISO-  
8859-1"
```

```
    pageEncoding="ISO-8859-1"%>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"  
"http://www.w3.org/TR/html4/loose.dtd">
```

```

<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-
8859-1">
<title>Insert title here</title>
<style>
.myDiv2 {
    font-size:25px;
    font-style: italic;
font-weight: bold;
color:blue;
}

table {

    width: 30%;
}
td {
    height: 50px;
    text-align: center;
}

</style>

</head>
<body>
<%String department=session.getAttribute("company").toString(); %>
<%
int reg=0;

```

```
String id=request.getParameter("id");
String departments=request.getParameter("department");
String date=request.getParameter("date");
String zone=request.getParameter("zone");
String amount=request.getParameter("amount");
String duration=request.getParameter("duration");
```

```
%>
```

```
<br><br>
```

```
<center>
```

```
<div class="myDiv2">
```

```
CONTRACT REQUEST PAGE
```

```
</div>
```

```
</center>
```

```
<center>
```

```
<form action="reqac.jsp" method="post">
```

```
<table>
```

```
<br>
```

```
<tr>
```

```
<td><input type="hidden" value="<%=id%>" name="id"
```

```
style="width:180px;height:30px;border-radius: 10px;text-align:center;"
readonly><br><br></td>
```

```
</tr>
```

```
<tr>
```

```
<td>DEPARTMENT</td>
```

```

<td><input type="text" value="<%=departments%>" name="depart"
style="width:180px;height:30px;border-radius: 10px;text-align:center;"
readonly><br><br></td>

</tr>

```

```

<tr>

<td>UPLOADDATE</td>

<td><input type="text" value="<%=date%>" name="Date"
style="width:180px;height:30px;border-radius: 10px;text-align:center;"
readonly><br><br></td>

</tr>

```

```

<tr>

<td>ZONE</td>

<td><input type="text" value="<%=zone%>" name="Zone"
style="width:180px;height:30px;border-radius: 10px;text-align:center;"
readonly><br><br></td>

</tr>

```

```

<tr>

<td>ALLOCATED AMOUNT</td>

<td><input type="text" name="amount" value="<%=amount%>"
style="width:180px;height:30px;border-radius: 10px;text-align:center;"
readonly><br><br></td>

</tr>

```

```

<tr>

<td>DURATION</td>

```

```
<td><input type="text" name="duration" value="<%=duration %>"
style="width:180px;height:30px;border-radius: 10px;text-align:center;"
><br><br></td>
```

```
</tr>
```

```
<tr>
```

```
<td>REQUEST AMOUNT</td>
```

```
<td><input type="text" name="request"
style="width:180px;height:30px;border-radius: 10px;text-align:center;"
required><br><br></td>
```

```
</tr>
```

```
<tr>
```

```
<td>COMPANY NAME</td>
```

```
<td><input type="text" name="name" value="<%=department%>"
style="width:180px;height:30px;border-radius: 10px;text-align:center;"
readonly><br><br></td>
```

```
</tr>
```

```
<tr>
```

```
<td colspan="2"><input type="submit" value="Submit"
style="width:110px;height:40px;border-radius: 10px;text-align:center;
background-color: #ff6666"><br><br></td>
```

```
</tr>
```

```
</table>
```

```
</center>
```

```
</form>
```

```
</body>
```

</html>

REQUEST ACCESS :

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@page import="dbcon.Database"%>

<%@page import="java.sql.ResultSet"%>

<%@page import="java.sql.PreparedStatement" %>

<%@page import="java.sql.*" %>

<%@page import="java.util.*" %>

<%@page import="imple.imple" %>

<%@page import="inter.inter" %>

<%@page import="bean.requestbean" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<%

String id=request.getParameter("id");

```
System.out.println("contarct id"+id);
```

```
String department=request.getParameter("depart");
```

```
System.out.println("department:"+department);
```

```
String date=request.getParameter("Date");
```

```
System.out.println("date:"+date);
```

```
String zone=request.getParameter("Zone");
```

```
System.out.println("zone:"+zone);
```

```
String amount=request.getParameter("amount");
```

```
System.out.println("amount:"+amount);
```

```
String Duration=request.getParameter("duration");
```

```
System.out.println("Duration"+Duration);
```

```
String requests=request.getParameter("request");
```

```
System.out.println("requests:"+requests);
```

```
String company=request.getParameter("name");
```

```
System.out.println("company:"+company);
```

```
requestbean rb=new requestbean();
```

```
rb.setld(id);
```

```
rb.setDepart(department);
```

```
rb.setDate(date);
```

```
rb.setZone(zone);
```

```
rb.setAamount(amount);
rb.setDuration(Duration);
rb.setRequest(requests);
rb.setCompanyname(company);
```

```
inter ib=new imple();
int r=ib.request(rb);
if(r==1){
    response.sendRedirect("Requestsuccess.jsp");
}
else{
    response.sendRedirect("Error.jsp");
}
```

```
%>
</body>
</html>
```

REQUEST SUCCESS :

```
<!DOCTYPE html>
<html lang="zxx">
<head>
    <title>CC08</title>
    <meta name="viewport" content="width=device-width, initial-
scale=1">
    <meta charset="utf-8">
    <meta http-equiv="refresh" content="4;
URL=contractormain.jsp">
```

```
<meta name="keywords" content="Prime login Form a Responsive  
Web Template, Bootstrap Web Templates, Flat Web Templates,  
Android Compatible Web Template, Smartphone Compatible Web  
Template, Free Webdesigns for Nokia, Samsung, LG, Sony Ericsson,  
Motorola Web Design">
```

```
<script>  
    addEventListener("load", function () {  
        setTimeout(hideURLbar, 0);  
    }, false);
```

```
  
    function hideURLbar() {  
        window.scrollTo(0, 1);  
    }
```

```
</script>
```

```
<link rel="stylesheet" href="css/style1.css" type="text/css"  
media="all">
```

```
<link  
href="//fonts.googleapis.com/css?family=Mukta+Mahee:200,300,400,5  
00,600,700,800" rel="stylesheet">
```

```
<link rel="stylesheet" href="css/font-awesome.css" type="text/css"  
media="all">
```

```
</head>
```

```
<style></style>
```

```
<body bgcolor=" #99ffff">
```

```
<div>
```

```
<center>
```

```

```

```
<h1> REQUEST SUCCESSFULLY....!!!</h1>
```

```
</center>
</div>
</body>
</html>
```

REJECT :

```
<%@ page import="dbcon.Database" %>
<%@page import="java.sql.PreparedStatement"%>
<%@ page import="java.sql.*"%>
<%
```

```
String cname=request.getParameter("cname");
String id=request.getParameter("id");
try{
    Connection con=Database.create();
    Statement st=con.createStatement();
    st.executeUpdate("DELETE FROM `contract`.`request` where
id='"+id+"' ");
    response.sendRedirect("sucees.jsp?valid");
}
catch(Exception e){
    response.sendRedirect("error.jsp?inval id");
    System.out.println(e);
}
%>
```

REJECT VIEW :

```
<%@ page language="java" contentType="text/html; charset=ISO-
8859-1"
```

```

    pageEncoding="ISO-8859-1"%>
    <%@page import=" dbcon.Database"%>
<%@page import="java.sql.ResultSet"%>
<%@page import="java.sql.PreparedStatement" %>
<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-
8859-1">
<title>Insert title here</title>
    <link rel="stylesheet" href="css/bootstrap.min.css">

    <script type="text/javascript" src="js/jquery.min.js"></script>
    <script type="text/javascript" src="js/bootstrap.min.js"></script>
</head>
<style>
body{
background-color:white;
}

table, td, th {
    border: 1px solid black;
}

table {
    border-collapse: collapse;

```

```

width: 90%;
}

td{
text-align: center;
padding-top: 1.0em;
padding-bottom: 1.0em;
}

th{
border: 3px solid black;
}
</style>
<body>
<center>
<div class="mydiv">
<h2>Appointed </h2>
</div>
</center>
<center>
<div class="container-fluid">
<table class="table-dark">
<thead>
<tr>
<th scope="col">COMPANY NAME</th>
<th scope="col">DEPARTMENT</th>
<th scope="col">AMOUNT</th>
<th scope="col">STATUS</th>

```

```
</tr>
```

```
</thead>
```

```
<%String company=session.getAttribute("company").toString(); %>
```

```
<%
```

```
Connection con;
```

```
con=Database.create();
```

```
PreparedStatement ps=con.prepareStatement("SELECT * FROM  
`contract`.`reponse` where cname='"+company+"' and statu='Rejected'  
");
```

```
ResultSet rs=ps.executeQuery();
```

```
while(rs.next())
```

```
{
```

```
String departments=rs.getString(2);
```

```
String date= rs.getString(3);
```

```
String Zone=rs.getString(4);
```

```
String amount=rs.getString(5);
```

```
String filename=rs.getString(7);
```

```
%>
```

```
<tr>
  <td style="text-align: center;"><%=rs.getString(2)%></td>
  <td style="text-align: center;"><%= rs.getString(3) %></td>
  <td style="text-align: center;"><%= rs.getString(5) %></td>
  <td style="text-align: center;"><%= rs.getString(7) %></td>

</tr>
<%} %>
```

```
</table>
```

```
</div>
```

```
</center>
```

```
</body>
```

```
</html>
```

STATUS :

```
<%@ page language="java" contentType="text/html; charset=ISO-
8859-1"
```

```

    pageEncoding="ISO-8859-1"%>
    <%@page import=" dbcon.Database"%>
<%@page import="java.sql.ResultSet"%>
<%@page import="java.sql.PreparedStatement" %>
<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-
8859-1">
<title>Insert title here</title>
</head>
<style>
body{
background-color:#9fa9bb;
}

table, td, th {
    border: 1px solid black;
}

table {
    border-collapse: collapse;
    width: 90%;
}

td{

```

```
text-align: center;
padding-top: 1.0em;
padding-bottom: 1.0em;
}
```

```
th{
border: 3px solid black;
}
```

```
</style>
```

```
<body>
```

```
<center>
```

```
<div class="container-fluid">
```

```
<table class="table-dark">
```

```
<thead>
```

```
<tr>
```

```
<th scope="col">DEPARTMENT</th>
```

```
<th scope="col">DATE</th>
```

```
<th scope="col">ZONE</th>
```

```
<th scope="col">PROJECT</th>
```

```
<th scope="col">AMOUNT</th>
```

```
<th scope="col">VIEW</th>
```

```
<th scope="col">STATUS</th>
```

```
<th scope="col">REQUEST</th>
```

```
</tr>
```

```
</thead>
```

```
<%
```

```
Connection con;
```

```
con=Database.create();
```

```
PreparedStatement ps=con.prepareStatement("SELECT * FROM  
`contract`.`publiccom` where Status='Finish' ");
```

```
ResultSet rs=ps.executeQuery();
```

```
while(rs.next())
```

```
{
```

```
String department=rs.getString(2);
```

```
String date= rs.getString(6);
```

```
String Zone=rs.getString(4);
```

```
String amount=rs.getString(5);
```

```
String filename=rs.getString(7);
```

```
%>
```

```
<tr>
```

```
<td style="text-align: center;"><%=rs.getString(2)%></td>
```

```
<td style="text-align: center;"><%= rs.getString(6) %></td>
```

```
<td style="text-align: center;"><%= rs.getString(4) %></td>
```

```
<td style="text-align: center;"><%= rs.getString(7) %></td>
```

```
<td style="text-align: center;"><%= rs.getString(5) %></td>
```

```
<td><a
```

```
href="request.jsp?department=<%=department%>&&date=<%=date%>&&zone=<%=Zone%>&&amount=<%=amount%>"><button  
class="btn btn-primary">REQUEST</button></a></td>
```

```
</tr>
```

```
<%} %>
```

```
</table>
```

```
</div>
```

```
</center>
```

```
</body>
```

```
</html>
```

TENDOR LIST:

```
<%@ page language="java" contentType="text/html; charset=ISO-  
8859-1"
```

```
pageEncoding="ISO-8859-1"%>
```

```
<%@page import=" dbcon.Database"%>
```

```
<%@page import="java.sql.ResultSet"%>
```

```
<%@page import="java.sql.PreparedStatement" %>
```

```

<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-
8859-1">
<title>Insert title here</title>
<link rel="stylesheet" href="css1/bootstrap.min.css">
</head>
<%-- <%String company=session.getAttribute("company").toString();
%> --%>
<body>
<table class="table table-sm table-dark">
<thead>
<tr>
<th scope="col">Zone</th>
<th scope="col">Address</th>
<th scope="col">Department</th>
<th scope="col">Company Name</th>
<th scope="col">Project Details</th>
<th scope="col">Duration</th>
<th scope="col">Allocate Date</th>
<th scope="col">Total Cast</th>

</tr>
</thead>

```

<%

Connection con;

con=Database.create();

PreparedStatement ps=con.prepareStatement("SELECT * FROM
`contract`.`departde` where Statuss='Approved'");

ResultSet rs=ps.executeQuery();

while(rs.next())

{

String email=rs.getString(2);

String cname= rs.getString(1);

String kyc= rs.getString(8);

%>

<tbody>

<tr class="bg-danger">

<th scope="row"><%= rs.getString(4)%></th>

<td><%=rs.getString(5)%></td>

<td><%=rs.getString(6)%></td>

<td><%=rs.getString(20)%></td>

```

        <td><%=rs.getString(10)%></td>
        <td><%=rs.getString(17)%></td>
        <td><%=rs.getString(18)%></td>
        <td><%=rs.getString(21)%></td>
    </tr>
    <%} %>

</tbody>
</table>
</body>
</html>

```

UPLOAD SUCCESS :

```

<!DOCTYPE html>
<html lang="zxx">
<head>
    <title>CC08</title>
    <meta name="viewport" content="width=device-width, initial-
scale=1">
    <meta charset="utf-8">
    <meta http-equiv="refresh" content="4;
URL=govermentmain.jsp">
    <meta name="keywords" content="Prime login Form a Responsive
Web Template, Bootstrap Web Templates, Flat Web Templates,
Android Compatible Web Template, Smartphone Compatible Web
Template, Free Webdesigns for Nokia, Samsung, LG, Sony Ericsson,
Motorola Web Design">
    <script>
        addEventListener("load", function () {

```

```

        setTimeout(hideURLbar, 0);
    }, false);

    function hideURLbar() {
        window.scrollTo(0, 1);
    }
</script>
<link rel="stylesheet" href="css/style1.css" type="text/css"
media="all">
<link
href="//fonts.googleapis.com/css?family=Mukta+Mahee:200,300,400,5
00,600,700,800" rel="stylesheet">
<link rel="stylesheet" href="css/font-awesome.css" type="text/css"
media="all">
</head>

<style></style>
<body bgcolor=" #99ffff">
<div>
<center>

<h1> SUCCESSFULLY....!!!</h1>
</center>
</div>
</body>
</html>

```

VIEW CONTEACT :

```

<%@ page language="java" contentType="text/html; charset=ISO-
8859-1"
    pageEncoding="ISO-8859-1"%>
    <%@page import=" dbcon.Database"%>
<%@page import="java.sql.ResultSet"%>
<%@page import="java.sql.PreparedStatement" %>
<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-
8859-1">
<title>Insert title here</title>
<link rel="stylesheet" href="css1/bootstrap.min.css">
</head>
<style>
body{
background-color:#9fa9bb;
}

table, td, th {
    border: 1px solid black;
}

table {
    border-collapse: collapse;
    width: 90%;

```

```
}
```

```
td{  
  text-align: center;  
  padding-top: 1.0em;  
  padding-bottom: 1.0em;  
}
```

```
th{  
  border: 3px solid black;  
}
```

```
</style>
```

```
<body>
```

```
<center>
```

```
  <div class="container-fluid">
```

```
<table class="table-dark">
```

```
<thead>
```

```
  <tr>
```

```
    <th scope="col">DEPARTMENT</th>
```

```
    <th scope="col">DATE</th>
```

```
    <th scope="col">ZONE</th>
```

```
    <th scope="col">PROJECT</th>
```

```
    <th scope="col">AMOUNT</th>
```

```
      <th scope="col">DURATION</th>
```

```
      <th scope="col">VIEW</th>
```

```
      <th scope="col">REQUEST</th>
```

```
  </tr>
```

```
</thead>
```

<%

Connection con;

con=Database.create();

PreparedStatement ps=con.prepareStatement("SELECT * FROM
`contract`.`departde` where Statuss='Allocated' ");

ResultSet rs=ps.executeQuery();

while(rs.next())

{

String id=rs.getString(1);

String date= rs.getString(6);

String Zone=rs.getString(4);

String amount=rs.getString(5);

String filename=rs.getString(7);

%>

```

<tr>
  <td style="text-align: center;"><%=rs.getString(2)%></td>
  <td style="text-align: center;"><%= rs.getString(6) %></td>
  <td style="text-align: center;"><%= rs.getString(4) %></td>
  <td style="text-align: center;"><%= rs.getString(10) %></td>
  <td style="text-align: center;"><%= rs.getString(16) %></td>
  <td style="text-align: center;"><%= rs.getString(17) %></td>
  <td><a
href="Download.jsp?filename=<%=rs.getString(10)%>"><button
class="btn btn-primary">VIEW</button></a></td>
  <td><a
href="request.jsp?id=<%=rs.getString(1)%>&&department=<%=rs.get
String(6)%>&&date=<%=rs.getString(18)%>&&zone=<%=Zone%>&&a
mount=<%=rs.getString(16)%>&&duration=<%=rs.getString(17)%>"><
button class="btn btn-primary">REQUEST</button></a></td>

</tr>
<%> %>

</table>

</div>
</center>

</body>

```

</html>

DOWNLOAD :

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@page import="dbcon.Database"%>

<%@page import="java.sql.ResultSet"%>

<%@page import="java.sql.PreparedStatement" %>

<%@page import="java.sql.*" %>

<%@page import="java.util.*" %>

<%@page import="java.io.FileInputStream" %>

<%@page import="java.io.IOException" %>

<%@page import="java.io.PrintWriter" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<%

```

response.setContentType();
try
{
//PrintWriter out=response.getWriter();

String realpath = getServletContext().getRealPath("/");
String filepath = realpath.substring(0, realpath.indexOf("."))
    + "goverment\\WebContent\\Depart\\";

String filename=request.getParameter("filename");
System.out.println(filename);

/* String filepath="E:\\2016
Web\\ITJDM15\\WebContent\\compress\\"+compress+".zip";*/

response.setContentType("APPLICATION/OCTET-STREAM");
response.setHeader("Content-Disposition","attachment; filename=\"\"
+ filename + "\"");

FileInputStream fileInputStream=new
FileInputStream(filepath+filename);

int i;
while ((i=fileInputStream.read()) != -1) {
    out.write(i);
}
fileInputStream.close();
}
catch(Exception e)

```

```
{  
    e.printStackTrace();  
}
```

```
%>
```

```
</body>
```

```
</html>
```

FINISH :

```
<%@ page import="dbcon.Database" %>
```

```
<%@page import="java.sql.PreparedStatement"%>
```

```
<%@ page import="java.sql.*"%>
```

```
<%
```

```
String id=request.getParameter("id");
```

```
String status="Finish";
```

```
try{
```

```
    Connection con=Database.create();
```

```
    Statement st=con.createStatement();
```

```
    st.executeUpdate("UPDATE `contract`.`publiccom` set
```

```
Status="" + status + "" where id="" + id + "" ");
```

```
    response.sendRedirect("departmain.jsp?valid");
```

```
}
```

```
catch(Exception e){
```

```
    response.sendRedirect("error.jsp?inval id");
```

```

System.out.println(e);
}
%>

```

FORWARD ACCESS :

```

<%@ page import="dbcon.Database" %>
<%@page import="java.sql.PreparedStatement"%>
<%@ page import="java.sql.*"%>
<%

```

```

String id=request.getParameter("id");

```

```

String status="Forward";
try{
    Connection con=Database.create();
    Statement st=con.createStatement();
    st.executeUpdate("UPDATE `contract`.`publiccom` set
Status='"+status+"' where id='"+id+"' ");
    response.sendRedirect("governmentmain.jsp?valid");
}
catch(Exception e){
    response.sendRedirect("error.jsp?inval id");
System.out.println(e);
}
%>

```

FUND ALLOCATION :

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
```

```
    pageEncoding="ISO-8859-1"%>
```

```
<%@page import="java.sql.ResultSet"%>
```

```
<%@page import="java.sql.PreparedStatement" %>
```

```
<%@page import="java.sql.*" %>
```

```
<%@page import="java.util.*" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
```

```
<html>
```

```
<head>
```

```
<title>Insert title here</title>
```

```
</head>
```

```
<style>
```

```
body{
```

```
background-color:#000080;
```

```
}
```

```
* {
```

```
    box-sizing: border-box;
```

```
    width:100%;
```

```
}
```

```
input[type=text], select, textarea {
```

```
    width: 75%;
```

```
    padding: 12px;
```

```
    border: 1px solid #ccc;
```

```

border-radius: 4px;
resize: vertical;
}
input[type=number]{
width: 75%;
padding: 12px;
border: 1px solid #ccc;
border-radius: 4px;
resize: vertical;
}
input[type=datetime-local]{
width: 75%;
padding: 12px;
border: 1px solid #ccc;
border-radius: 4px;
resize: vertical;
}
label {
padding: 12px 12px 12px 0;
display: inline-block;
color:white;
}

input[type=submit] {
background-color: #000080;
color: white;
padding: 12px 20px;
border: none;
border-radius: 4px;

```

```
    cursor: pointer;
    float: center;
    width:20%;
}

input[type=submit]:hover {
    background-color: #45a049;
}
```

```
.container {
    border-radius: 5px;
    background-color: #191970;
    padding: 20px;
    width:40%;
}
```

```
.col-25 {
    float: left;
    width: 35%;
    margin-top: 6px;
}
```

```
.col-75 {
    float: left;
    width: 75%;
    margin-top: 6px;
}
```

```
/* Clear floats after the columns */
```

```
.row:after {
    content: "";
    display: table;
    clear: both;
}
```

/* Responsive layout - when the screen is less than 600px wide, make the two columns stack on top of each other instead of next to each other */

```
@media screen and (max-width: 600px) {
    .col-25, .col-75, input[type=submit] {
        width: 100%;
        margin-top: 0;
    }
}
</style>
```

```
<body>
<center>
<%
String id=request.getParameter("id");
String department=request.getParameter("depart");
String date=request.getParameter("date");
String zone=request.getParameter("zone");
String add=request.getParameter("Add");

%>
```

```

<div class="container">
  <form action="allocate.jsp" method="post">
    <div class="row">

      <div class="col-75">
        <input type="hidden" id="ids" name="id" value="<%=id %>"
readonly>
      </div>
    </div>
    <div class="row">
      <div class="col-25">
        <label for="fname">DEPARTMENT</label>
      </div>
      <div class="col-75">
        <input type="text" id="fname" name="firstname"
value="<%=department %>" readonly>
      </div>
    </div>
    <div class="row">
      <div class="col-25">
        <label for="lname">UPLOAD DATE</label>
      </div>
      <div class="col-75">
        <input type="text" id="lname" name="lastname" value="<%=
date%>" readonly>
      </div>
      <div class="col-25">
        <label for="fname">ZONE</label>

```

```

</div>
<div class="col-75">
  <input type="text" id="fname" name="zone" value="<%=
zone%>" readonly>
</div>
</div>
<div class="row">
  <div class="col-25">
    <label for="lname">ESTIMATE AMOUNT</label>
  </div>
  <div class="col-75">
    <input type="text" id="lname" name="amount"
placeholder="Estimate Amount..">
  </div>

```

```

</div>
<div class="row">
  <div class="col-25">
    <label for="lname">CONTRACT ALLOCATE DATE</label>
  </div>
  <div class="col-75">
    <input type="datetime-local" id="lname" name="Edate"
placeholder="Your last name..">
  </div>
</div>
<div class="row">
  <div class="col-25">
    <label for="lname">ADDRESS</label>

```

```

</div>
<div class="col-75">
  <textarea type="text" id="lname" name="add" ><%=
add%></textarea>
</div>
</div>
<div class="row">
  <div class="col-25">
    <label for="lname">PROJECT DURATION</label>
  </div>
  <div class="col-75">
    <input type="text" id="lname" name="dura"
placeholder="Duration">
  </div>
</div>

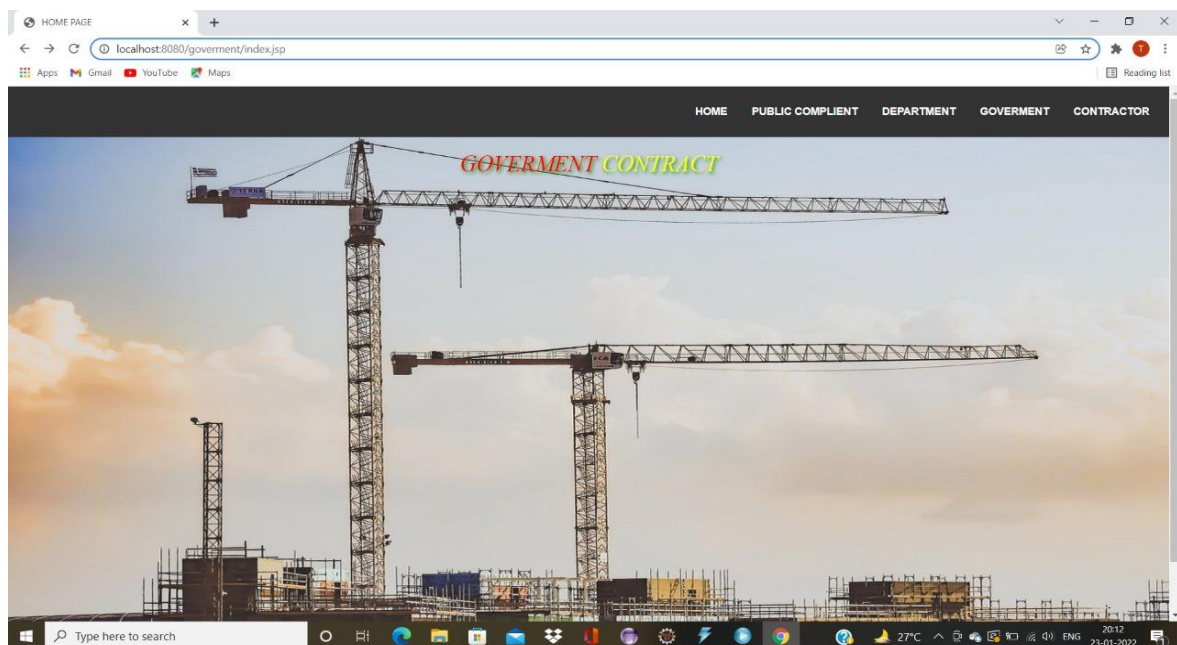
<div class="row">
  <div class="col-25">

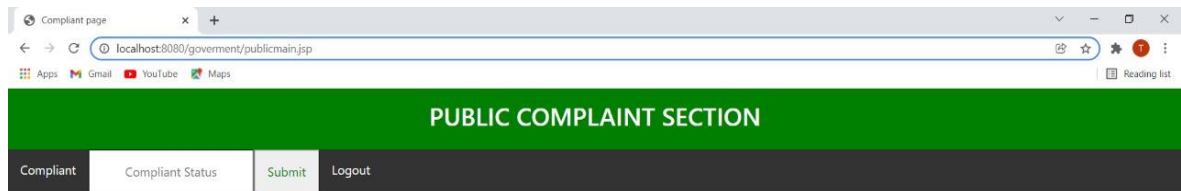
  </div>
  <div class="col-75">
    <input type="hidden" id="lname" name="process"
value="processing">
  </div>
</div>
<br>
<div class="row">

```

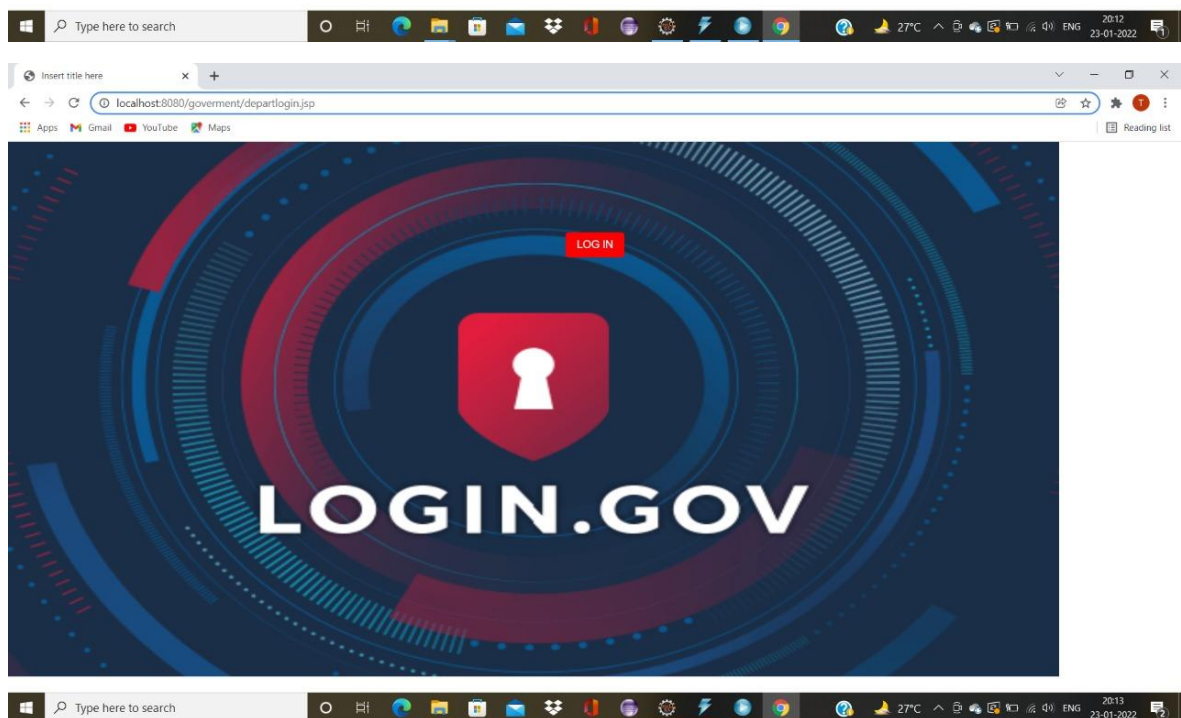
```
<input type="submit" value="Submit">
</div>
</form>
</div>
</center>
</body>
</html>
```

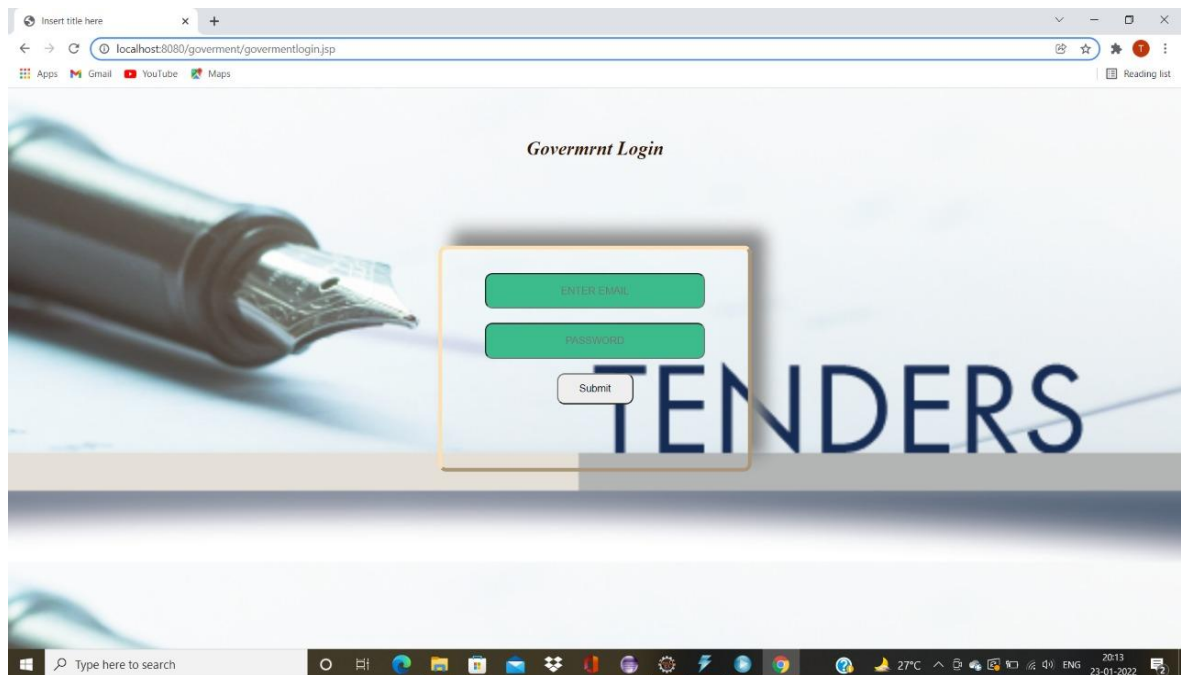
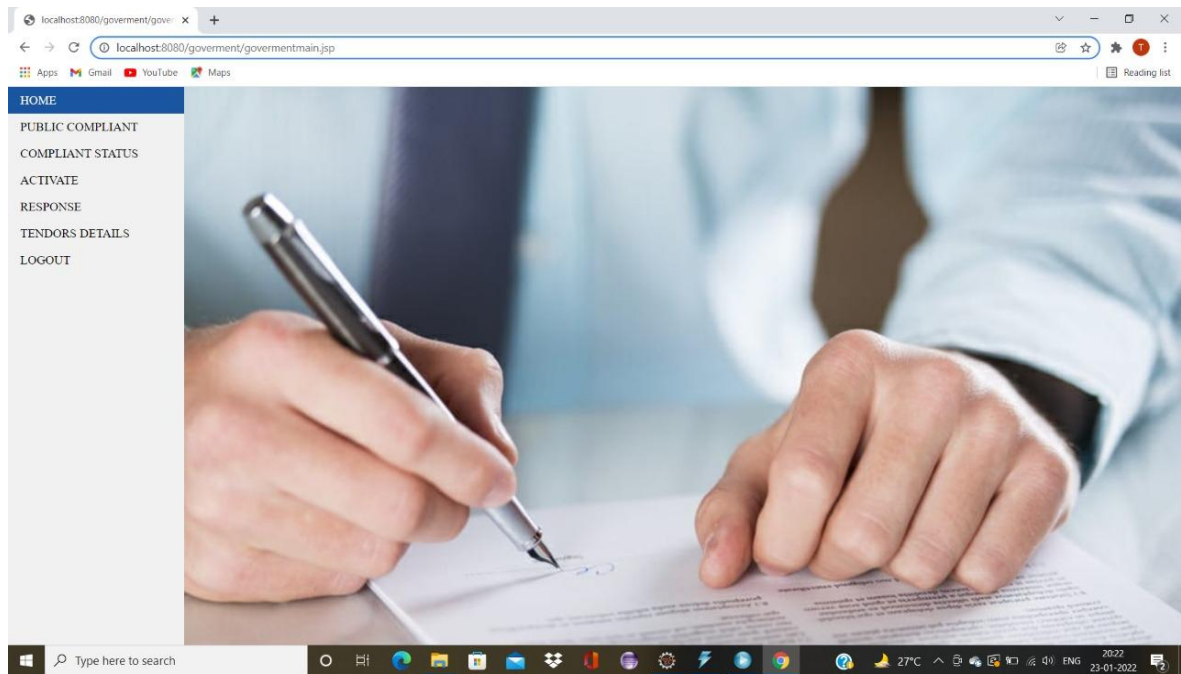
B.SCREENSHOTS AND OUTPUTS :





Compliant Section





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