

WEB TECHNOLOGIES PROJECT

Real Estate Management System using JSP

Batch_ID - CEP-5-CSE-C-2024-012

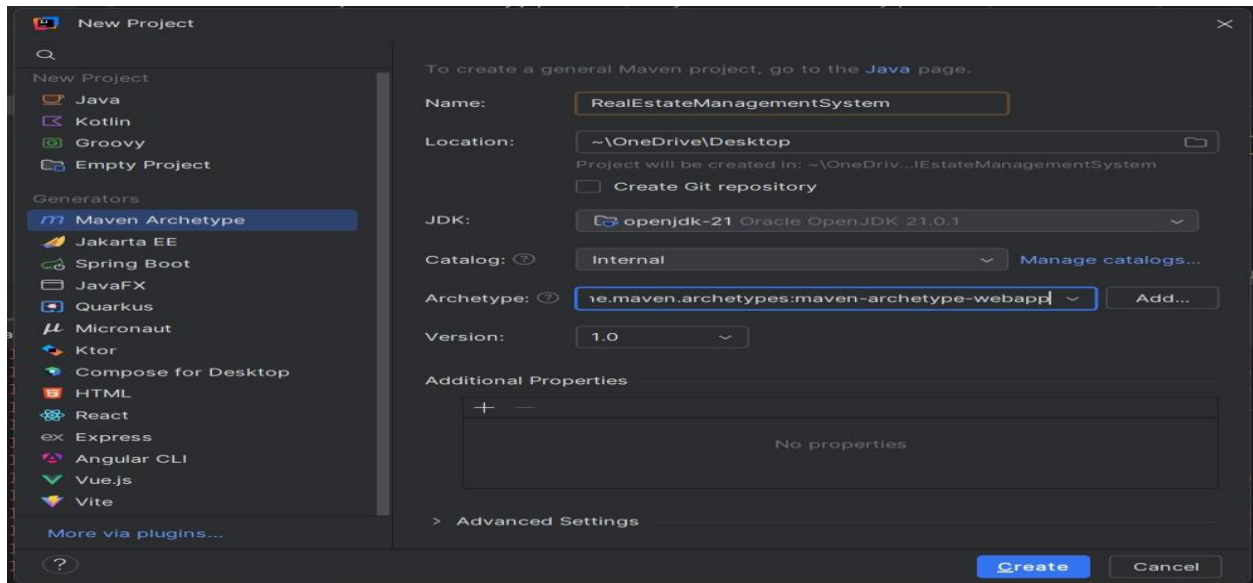
PAGILLA SAI SREEJA-22881A05H5

PARIPELLI JAYAKRISHNA-22881A05H6

PASUPULETI HARI NADH-22881A05H7

PEDDIREDDY RAGHU VARDHAN REDDY-22881A05H8

1. File structure and tomcat setup





Select Tomcat Server



Select the directory of the Tomcat Server



Hide path

C:\Program Files\Apache Software Foundation\Tomcat 9.0



- > Kafka
- > MinGW
- > MSI
- > oraclexe
- > PerfLogs
- ✓ Program Files
 - > Adobe
 - > Android
 - > Apache
 - ✓ Apache Software Foundation
 - ✓ Tomcat 9.0
 - > bin
 - > conf

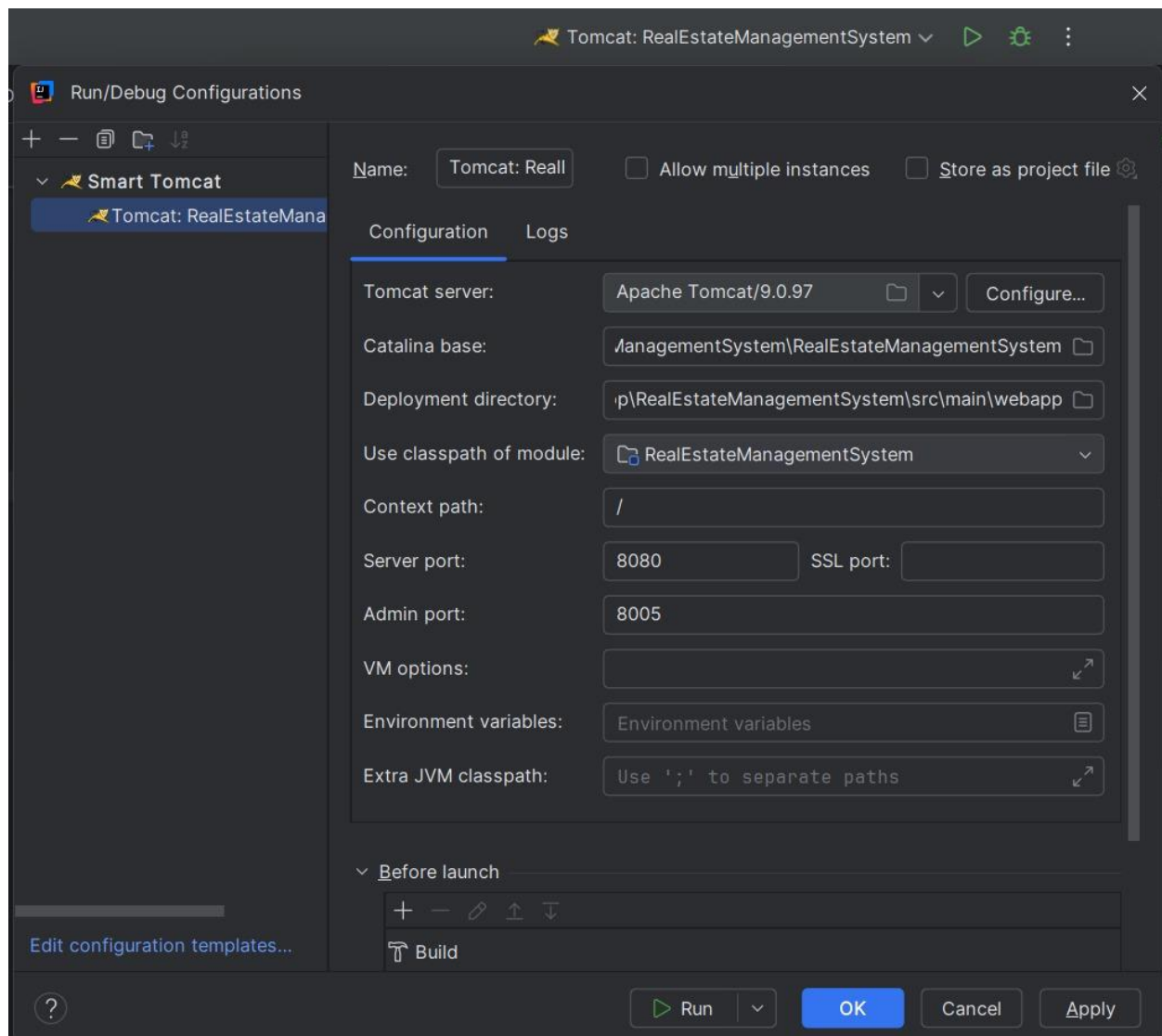
Drag and drop a file into the space above to quickly locate it



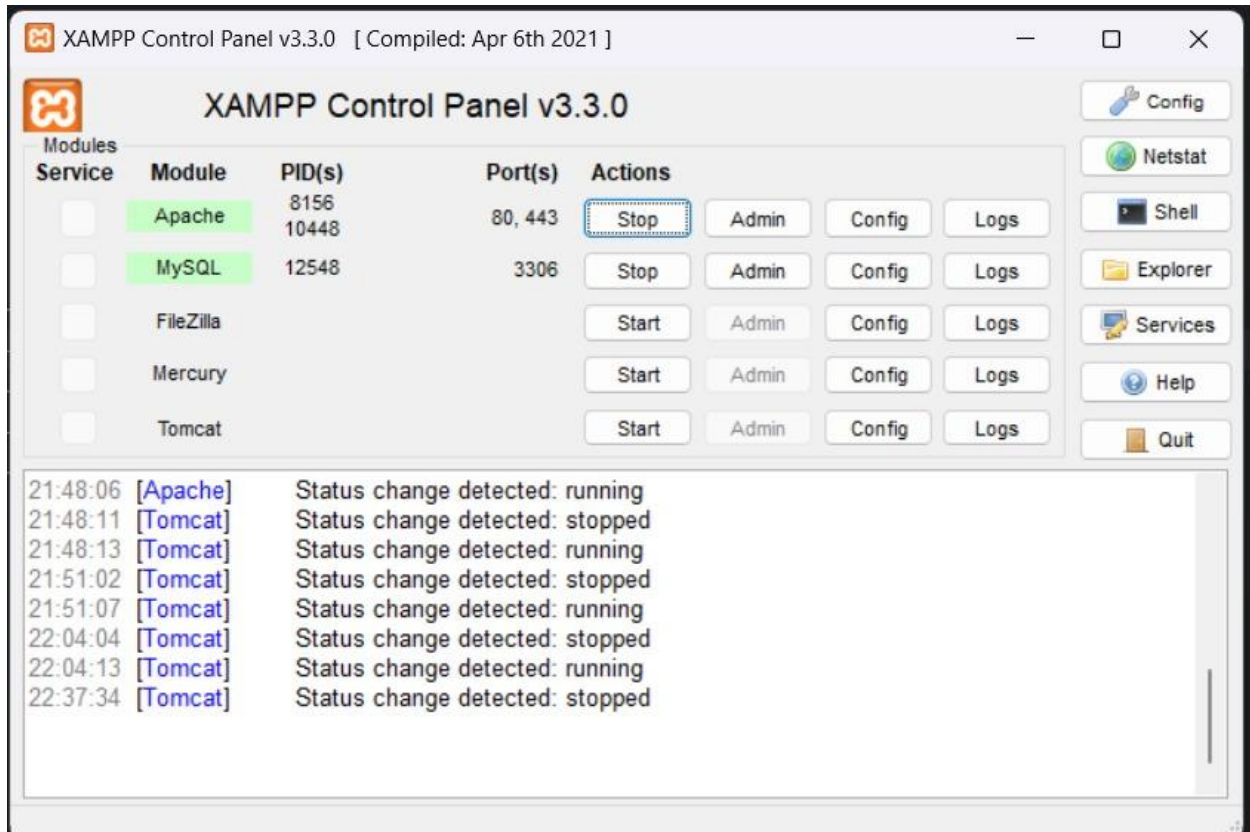
OK

Cancel

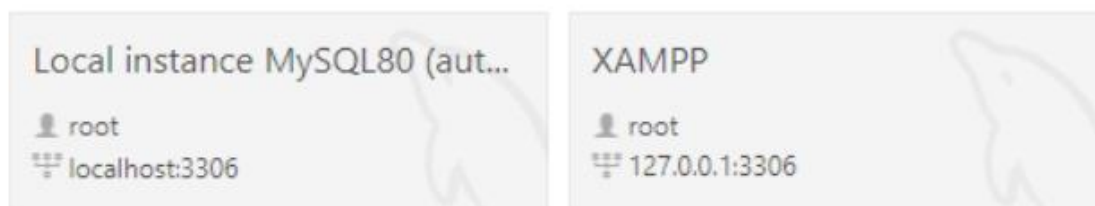
This PC > Windows (C:) > Program Files > Apache Software Foundation > Tomcat 9.0 >				
Sort View ...				
Name	Date modified	Type	Size	
bin	21-11-2024 22:27	File folder		
conf	21-11-2024 22:28	File folder		
lib	21-11-2024 22:27	File folder		
logs	21-11-2024 22:28	File folder		
temp	21-11-2024 22:27	File folder		
webapps	21-11-2024 22:27	File folder		
work	21-11-2024 22:28	File folder		
LICENSE	07-11-2024 01:25	File	57 KB	
NOTICE	07-11-2024 01:25	File	3 KB	
RELEASE-NOTES	07-11-2024 01:25	File	7 KB	
tomcat	07-11-2024 01:25	ICO File	22 KB	
Uninstall	07-11-2024 01:25	Application	84 KB	



2.XAmp (MYsql ,Apache)



MySQL Connections



MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- phpmyadmin
- realestatedb
 - Tables
 - Views
 - Stored Procedures
 - Functions
- test

Administration Schemas

Information

Schema: realestatedb

Query 1

```
1
2 * use realestatedb;
3
4 * delete from member;
5 * select * from member;
6 * desc member;
7 * drop table member;
8 |
9 * insert into member values ('admin', 'admin', 'admin@email.com', '9000000000');
10
11 * select * from property;
12 * drop table property;
13
14
```

SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

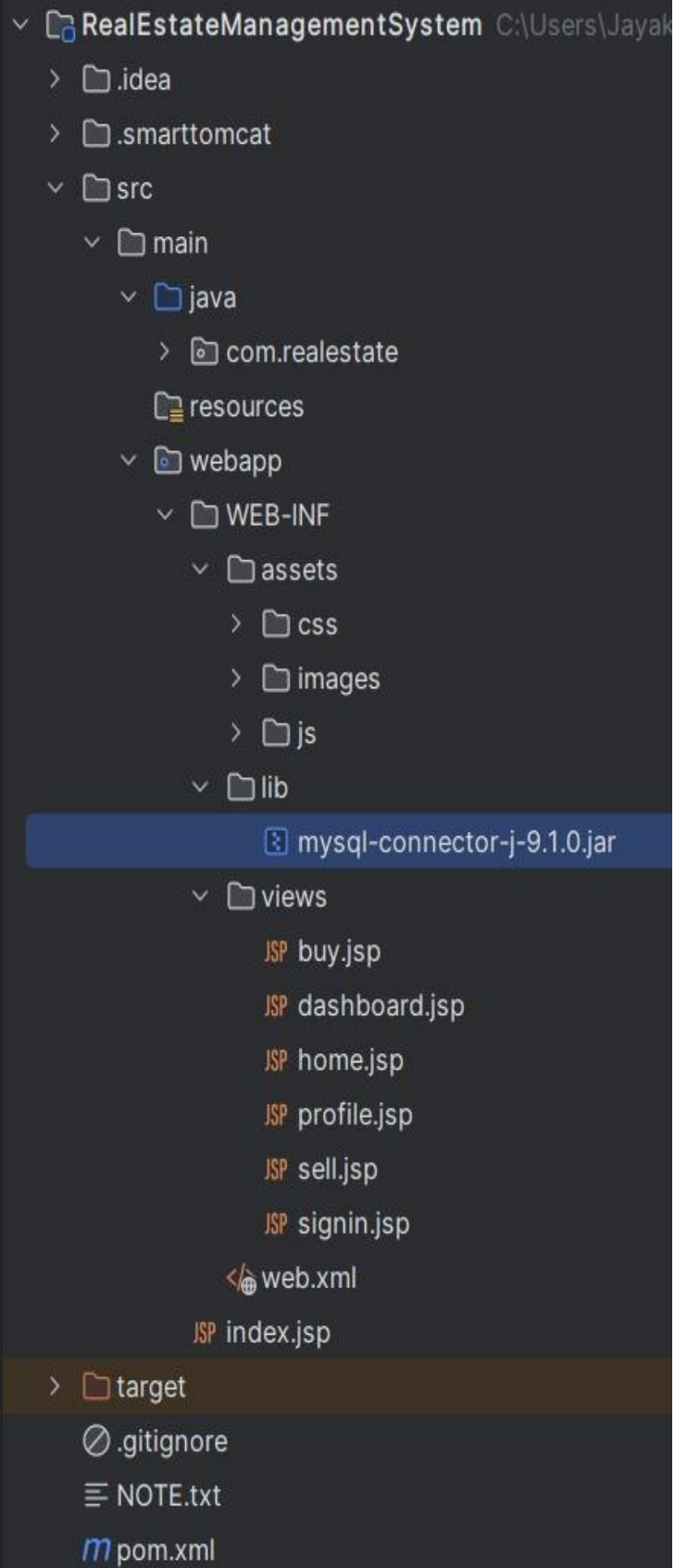
Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
---	------	--------	---------	------------------

Object Info Session



3.Dependencies

```
<dependencies>
  <dependency>
    <groupId>junit</groupId>
    <artifactId>junit</artifactId>
    <version>3.8.1</version>
    <scope>test</scope>
  </dependency>

  <!-- https://mvnrepository.com/artifact/javax.servlet/javax.servlet-api -->
  <dependency>
    <groupId>javax.servlet</groupId>
    <artifactId>javax.servlet-api</artifactId>
    <version>4.0.1</version>
    <scope>provided</scope>
  </dependency>

  <dependency>
    <groupId>mysql</groupId>
    <artifactId>mysql-connector-java</artifactId>
    <version>8.0.33</version>
  </dependency>
</dependencies>
```

4.Database connection.java

```
package com.realestate;
```

```
import java.sql.*;
```

```
public class DatabaseConnection {
```

```
    private static Connection connection = null;
```

```
    private DatabaseConnection() {}
```

```
    public static Connection getConnection() throws SQLException {
```

```
        if (connection == null || connection.isClosed()) {
```

```
            try{
```

```
                Class.forName("com.mysql.cj.jdbc.Driver");
```

```
                String url = "jdbc:mysql://localhost:3306/realestatedb";
```

```
                String user = "root";
```

```
                String password = "";
```

```
                connection = DriverManager.getConnection(url, user, password);
```

```
                initDB(connection);
```

```
            } catch (ClassNotFoundException e) {
```

```
                System.err.println("MySQL JDBC Driver not found.");
```

```
                e.printStackTrace();
```

```
    }  
}
```

```
return connection;
```

```
}
```

```
public static void initDB(Connection con) {
```

```
    try {
```

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

```
        // Enable foreign key checks (default in MySQL)
```

```
        st.execute("SET FOREIGN_KEY_CHECKS=1;");
```

```
        // Create user table
```

```
        String createMemberTable = "CREATE TABLE IF NOT EXISTS member ("
```

```
            + "uname VARCHAR(45) NOT NULL, "
```

```
            + "password VARCHAR(45) NOT NULL, "
```

```
            + "email VARCHAR(45) NOT NULL, "
```

```
            + "phone VARCHAR(45) NOT NULL, "
```

```
            + "PRIMARY KEY (uname)"
```

```
            + ");";
```

```
        st.executeUpdate(createMemberTable);
```

```
        String createPropertyTable = "CREATE TABLE IF NOT EXISTS property ("
```

```
            + "uname VARCHAR(45) NOT NULL, "
```

```
            + "propertytype VARCHAR(45) NOT NULL, "
```

```
            + "location VARCHAR(45) NOT NULL, "
```

```

        + "budget VARCHAR(45) NOT NULL, "
        + "description VARCHAR(225) NOT NULL, "
        + "link VARCHAR(225) NOT NULL "
        + ");";

st.executeUpdate(createPropertyTable);

    } catch (Exception e) {
        e.printStackTrace();
    }
}

public static void closeConnection() {
    try {
        if (connection != null && !connection.isClosed()) {
            connection.close();
        }
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

public static String insert(Member member) {
    Connection con = null;
    try {
        con = getConnection();
    } catch (SQLException e) {

```

```
        e.printStackTrace();
    }

    String sql = "insert into member values(?,?,?,?)";
    String result="Success";
    try {
        PreparedStatement ps = con.prepareStatement(sql);
        ps.setString(1, member.getUsername());
        ps.setString(2, member.getPassword());
        ps.setString(3, member.getEmail());
        ps.setNString(4, member.getPhone());
        ps.executeUpdate();
    } catch (SQLException e) {
        result="Failure";
        e.printStackTrace();
    }
    return result;
}
}
```

Member.java

```
package com.realestate;
```

```
public class Member {
```

```
    private String uname, password, email, phone;
```

```
    public Member(){
```

```
        super();
```

```
    }
```

```
    public Member(String uname, String password, String email, String phone) {
```

```
        super();
```

```
        this.uname = uname;
```

```
        this.password = password;
```

```
        this.email = email;
```

```
        this.phone = phone;
```

```
    }
```

```
    public String getUname() {
```

```
        return uname;
```

```
    }
```

```
    public void setUname(String uname) {
```

```
        this.uname = uname;
```

```
    }
```

```
    public String getPassword() {
```

```
        return password;
```

```
}  
  
public void setPassword(String password) {  
    this.password = password;  
}  
  
public String getEmail() {  
    return email;  
}  
  
public void setEmail(String email) {  
    this.email = email;  
}  
  
public String getPhone() {  
    return phone;  
}  
  
public void setPhone(String phone) {  
    this.phone = phone;  
}  
}
```

5.Context Path=http://localhost:8080/

web servlet="/" searches for index.jsp by default

index.jsp

```
<%@ page contentType="text/html;charset=UTF-8" language="java" %>

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>REAL ESTATE</title>

  <style><%@include file="/WEB-INF/assets/css/common.css"%></style>

  <style><%@include file="/WEB-INF/assets/css/index.css"%></style>

</head>

<body>

<header class="navbar">

  <div class="logo">ESTATE<span>HUB</span></div>

  <div class="right-actions">

    <a href="/signin" class="signin">SIGN IN</a>

  </div>

</header>

<section class="hero">
```



```
<div class="j">
```

```
  <h3>Real estate management made easy with our custom software</h3>
```

```
  <p style="padding: 0 20% 0 20%">
```

```
    Engage owners, buyers, and prospective tenants from a single location using our  
    real estate management  
    software.
```

```
    Round up properties to showcase, put owners in touch with likely buyers or  
    tenants, and make profitable  
    deals.
```

```
  </p>
```

```
</div>
```

```
<section class="properties">
```

```
  <div class="property-grid">
```

```
    <!-- Property 1 -->
```

```
    <div class="property">
```

```
      
```

```
      <h3>Modern Family Home</h3>
```

```
      <p>Price: $350,000</p>
```

```
      <p>Location: Springfield</p>
```

```
      <p>4 Beds | 3 Baths | 2,500 sqft</p>
```

```
    </div>
```

```
    <!-- Property 2 -->
```

```
    <div class="property">
```

```

```

```
<h3>Luxury Villa</h3>
```

```
<p>Price: $850,000</p>
```

```
<p>Location: Beverly Hills</p>
```

```
<p>6 Beds | 5 Baths | 5,000 sqft</p>
```

```
</div>
```

```
<!-- Property 3 -->
```

```
<div class="property">
```

```

```

```
<h3>Cozy Cottage</h3>
```

```
<p>Price: $200,000</p>
```

```
<p>Location: Maple Town</p>
```

```
<p>3 Beds | 2 Baths | 1,800 sqft</p>
```

```
</div>
```

```
</div>
```

```
</section>
```

```
</section>
```

```
<%
```

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

```
if (message != null && !message.isEmpty()) {
```

```
%>
```

```
<script>

    window.onload = function() {

        setTimeout(function() {

            alert("<%= message %>");

        }, 100);

    };

</script>

<%

}

%>
```

```
</body>
```


```
</html>
```

ESTATEHUB

[SIGN IN](#)


Real estate management made easy with our custom software

Engage owners, buyers, and prospective tenants from a single location using our real estate management software. Round up properties to showcase, put owners in touch with likely buyers or tenants, and make profitable deals.




Modern Family Home

Price: \$350,000
Location: Springfield
4 Beds | 3 Baths | 2,500 sqft



Luxury Villa

Price: \$850,000
Location: Beverly Hills
6 Beds | 5 Baths | 5,000 sqft



Cozy Cottage

Price: \$200,000
Location: Maple Town
3 Beds | 2 Baths | 1,800 sqft

Webservelet ="/signin"

Signin.java

```
package com.realestate;
```

```
import javax.servlet.ServletException;
```

```
import javax.servlet.annotation.WebServlet;
```

```
import javax.servlet.http.HttpServlet;
```

```
import javax.servlet.http.HttpServletRequest;
```

```
import javax.servlet.http.HttpServletResponse;
```

```
import javax.servlet.http.HttpSession;
```

```
import java.io.IOException;
```

```
@WebServlet("/signin")
```

```
public class Signin extends HttpServlet {
```

```
    public Signin() {}
```

```
    protected void doGet(HttpServletRequest request, HttpServletResponse response)  
    throws ServletException, IOException {
```

```
        HttpSession session = request.getSession(false);
```

```
        if (session != null && session.getAttribute("username") != null) {
```

```
            response.sendRedirect("/home");
```

```
        } else {
```

```
            request.getRequestDispatcher("/WEB-INF/views/signin.jsp").forward(request,  
            response);
```

Signin.jsp

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

  <!-- Login Form -->

  <form id="login-form" class="form active" action="/login" method="POST">

    <h2>Login</h2>

    <input type="text" name="username" placeholder="Username" required />

    <input type="password" name="password" placeholder="Password" required
/>

    <button type="submit">Login</button>

  </form>

  <!-- Signup Form -->

  <form id="signup-form" class="form" action="/signup" method="POST">

    <h2>Signup</h2>

    <input type="text" name="uname" placeholder="Username" required />

    <input type="email" name="email" placeholder="Email" required />

    <input type="password" name="password" placeholder="Password" required
/>

    <input type="text" name="phone" placeholder="Phone" required />

    <button type="submit">Signup</button>

  </form>

</div>

</div>

</section>

<script type="text/javascript"><%@include file="/WEB-INF/assets/js/signin.js"%>
</script>
```

</body>

</html>

<%

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

if (message != null && !message.isEmpty()) {

%>

<script>

window.onload = function() {

setTimeout(function() {

alert("<%= message %>");

}, 100);

};

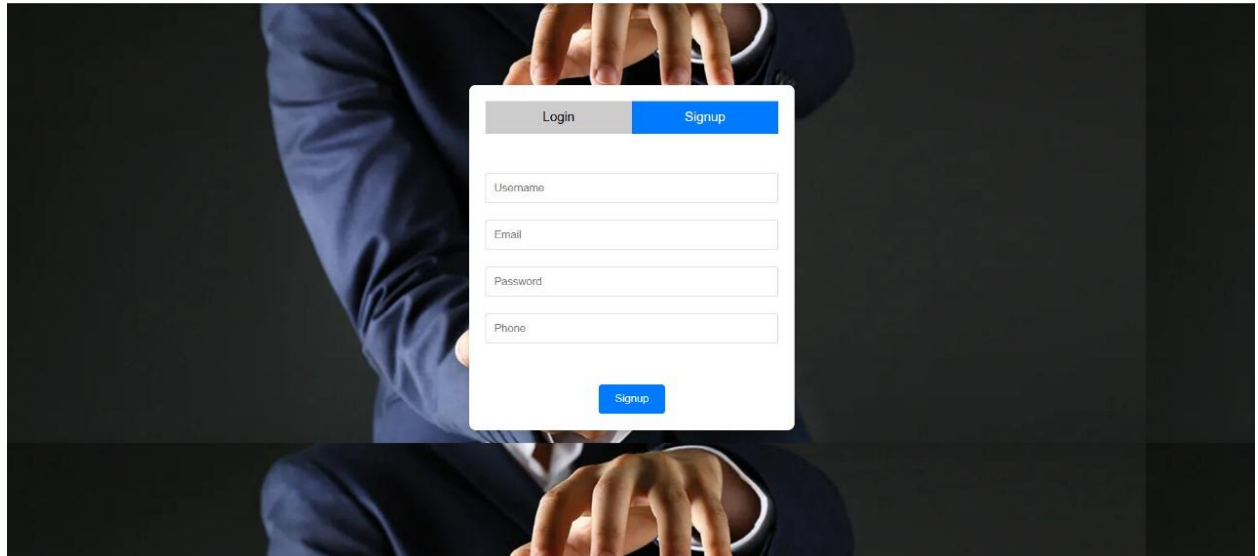
</script>

<%

}

%>

ESTATEHUB



Login

Signup

Username

Email

Password

Phone

Signup

Signup.java

```
package com.realestate;
```

```
import javax.servlet.ServletException;
```

```
import javax.servlet.annotation.WebServlet;
```

```
import javax.servlet.http.HttpServlet;
```

```
import javax.servlet.http.HttpServletRequest;
```

```
import javax.servlet.http.HttpServletResponse;
```

```
import javax.servlet.http.HttpSession;
```

```
import java.io.IOException;
```

```
import java.sql.Connection;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
import java.sql.SQLException;
```

```
@WebServlet("/signup")
```

```
public class Signup extends HttpServlet {
```

```
    private static final long serialVersionUID = 1L;
```

```
    public Signup() {
```

```
        super();
```

```
    }
```

```
    protected void doGet(HttpServletRequest request, HttpServletResponse response)  
throws ServletException, IOException {
```

```
HttpSession session = request.getSession(false);  
if (session != null && session.getAttribute("username") != null) {  
    response.sendRedirect("/home");  
} else {  
    response.sendRedirect("/signin");  
}  
  
}
```

```
protected void doPost(HttpServletRequest request, HttpServletResponse response)  
throws ServletException, IOException {
```

```
    String uname = request.getParameter("uname");  
    String password = request.getParameter("password");  
    String email = request.getParameter("email");  
    String phone = request.getParameter("phone");
```

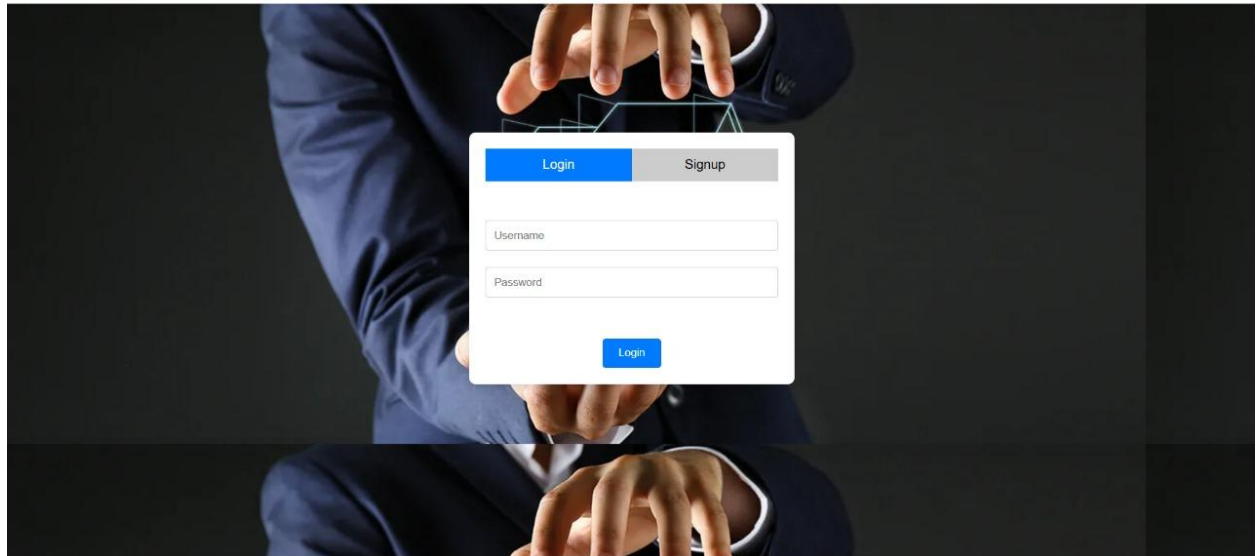
```
    try {  
        Connection con = DatabaseConnection.getConnection();  
        String query = "select * from member where uname = ?;" ;  
        PreparedStatement ps = con.prepareStatement(query);  
        ps.setString(1, uname);  
        ResultSet rs = ps.executeQuery();  
        if(rs.next()) {  
            response.sendRedirect("/signin?message=Username%20already%20exists");  
        } else {  
            Member member = new Member(uname, password, email, phone);
```

```
String result = DatabaseConnection.insert(member);

response.getWriter().println(result);

if("Success".equals(result)){
    response.sendRedirect("/?message=Account%20created%20successfully");
}
}
} catch(SQLException e){
    e.printStackTrace();
}
}
}
```

ESTATEHUB



A person in a blue suit is holding a transparent cube. The background is dark and moody.

Login

Signup

Username

Password

Login

Login.java

```
package com.realestate;
```

```
import javax.servlet.ServletException;
```

```
import javax.servlet.annotation.WebServlet;
```

```
import javax.servlet.http.HttpServlet;
```

```
import javax.servlet.http.HttpServletRequest;
```

```
import javax.servlet.http.HttpServletResponse;
```

```
import javax.servlet.http.HttpSession;
```

```
import java.io.IOException;
```

```
import java.sql.Connection;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
import java.sql.SQLException;
```

```
@WebServlet("/login")
```

```
public class Login extends HttpServlet {
```

```
    public Login() {
```

```
        super();
```

```
    }
```

```
    protected void doGet(HttpServletRequest request, HttpServletResponse response)  
    throws IOException, ServletException {
```

```
        HttpSession session = request.getSession(false);
```

```
if (session != null && session.getAttribute("username") != null) {  
    response.sendRedirect("/home");  
}  
  
}
```

```
protected void doPost(HttpServletRequest request, HttpServletResponse response)  
throws IOException, ServletException {
```

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

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

```
if("admin".equals(username) && "admin".equals(password)){
```

```
    HttpSession session = request.getSession();
```

```
    session.setAttribute("username", "admin");
```

```
    response.sendRedirect("/home");
```

```
} else {
```

```
    try {
```

```
        Connection connection = DatabaseConnection.getConnection();
```

```
        String query = "select * from member where uname=? and password=?";
```

```
        PreparedStatement preparedStatement =  
connection.prepareStatement(query);
```

```
        preparedStatement.setString(1, username);
```

```
        preparedStatement.setString(2, password);
```

```
        ResultSet resultSet = preparedStatement.executeQuery();
```

```
        if(resultSet.next()){
```

```
    HttpSession session1 = request.getSession();

    session1.setAttribute("username", username);

    response.sendRedirect("/home");

} else {

    response.sendRedirect("/signin?message=Invalid%20Credentials");

}

} catch (SQLException e) {

    e.printStackTrace();

}




}

}
```

```

17
18
19 • use realestatedb;
20
21 • select * from member;
22
23
24

```

Result Grid				
Filter Rows: <input type="text"/>				
Edit:    Export/Import				
	uname	password	email	phone
▶	admin	admin	admin@email.com	9XXXXXXXXX
	Jayakrishna	Krishna@2005	krishna9502202491@gmail.com	9390107253
✱	NULL	NULL	NULL	NULL

Web servlet ="/home"

Home.java

package com.realestate;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;


```

import javax.servlet.http.HttpSession;

import java.io.IOException;

@WebServlet("/home")

public class Home extends HttpServlet {

    public Home() {}

    protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {

        HttpSession session = request.getSession(false);

        if(session.getAttribute("username") == null) {

            response.sendRedirect("/signin");

        } else {

            request.getRequestDispatcher("/WEB-INF/views/home.jsp").forward(request,
            response);

        }

    }

}

```

Home.jsp

```

<%@ page contentType="text/html; charset=UTF-8" language="java" %>

<html>

<head>

    <meta charset="UTF-8">

    <title>ESTATE HUB</title>

    <style><%@include file="/WEB-INF/assets/css/commonX.css"%></style>

```

```
<style><%@include file="/WEB-INF/assets/css/home.css"%></style>

</head>

<body>

  <nav class="navbar">

    <ul>

      <li><a href="/home">Home</a></li>

      <li><a href="/buy">Buy</a></li>

      <li><a href="/sell">Sell</a></li>

      <li><a href="/dashboard">Dashboard</a></li>

    </ul>

  </nav>

  <main class="content-container">

    <div class="info-text">

      <p>

        Looking to buy, sell, or rent? With our Real Estate Management System, your
search just got easier. Buyers can explore detailed property listings, complete with
high-resolution images, pricing, and location details, while sellers can attract
potential clients by listing their properties with ease. Connect directly with interested
parties and close deals faster than ever!

      </p>

    </div>
```

```
<div class="property-options">
```

```
  <div class="card">
```

```
    <p>Buying a property is a milestone. Our platform offers a variety of homes,
villas, and investment opportunities for all needs.</p>
```

```
    <button onclick="location.href='/buy'">BUY</button>
```

```
  </div>
```

```
  <div class="card">
```

```
    <p>Seize the opportunity to own a [land/house] in a prime location, perfect for
building, investing, or enjoying.</p>
```

```
    <button onclick="location.href='/sell'">SELL</button>
```

```
  </div>
```

```
</div>
```

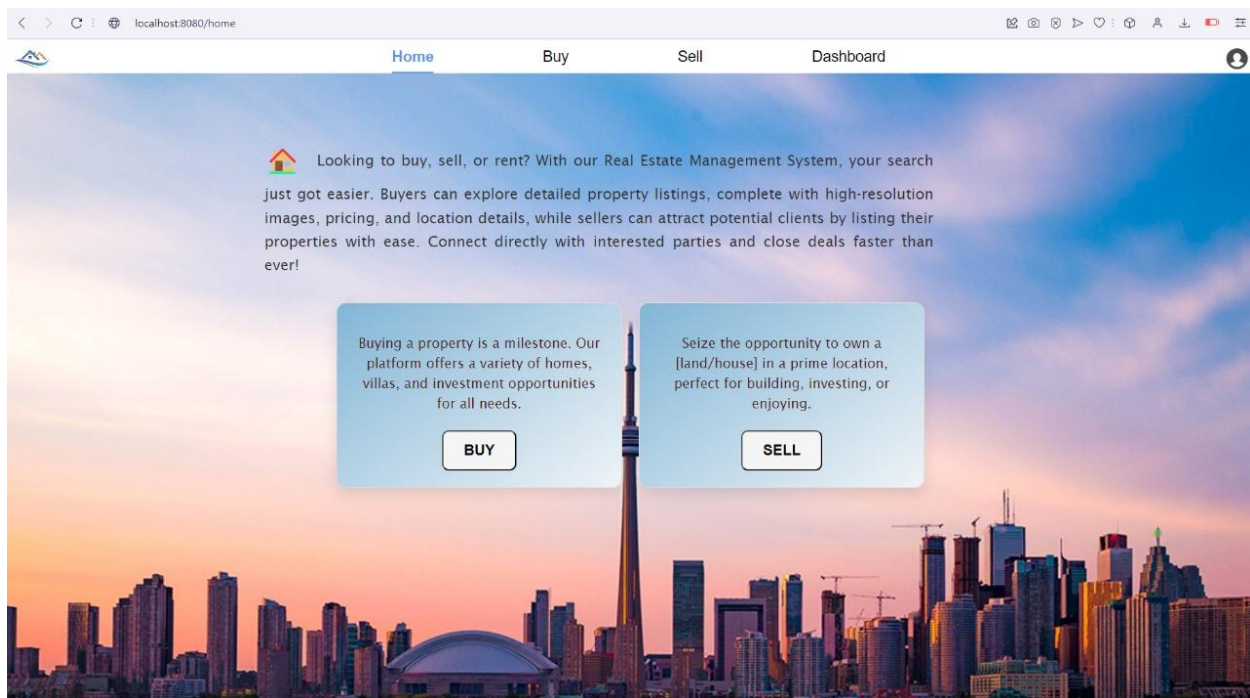
```
</main>
```

```
<script type="text/javascript"><%@include file="/WEB-INF/assets/js/commonX.js"%></script>
```

```
<script type="text/javascript"><%@include file="/WEB-INF/assets/js/home.js"%></script>
```

```
</body>
```

```
</html>
```



Web servlet="/sell"

Sell.java

package com.realestate;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

import java.io.IOException;

@WebServlet("/sell")

public class Sell extends HttpServlet {

public Sell() {}

**protected void doGet(HttpServletRequest request, HttpServletResponse response)
 throws ServletException, IOException {**

HttpSession session = request.getSession(false);

if(session.getAttribute("username") == null) {

response.sendRedirect("/signin");

} else {

**request.getRequestDispatcher("/WEB-INF/views/sell.jsp").forward(request,
 response);**

}

}

}

Sell.jsp

```
<%@ page contentType="text/html;charset=UTF-8" language="java" %>

<html>

<head>

    <title>ESTATE HUB</title>

    <style><%@include file="/WEB-INF/assets/css/commonX.css"%></style>

    <style><%@include file="/WEB-INF/assets/css/sell.css"%></style>

</head>

<body>

<nav class="navbar">

    <ul>

        <li><a href="/home">Home</a></li>

        <li><a href="/buy">Buy</a></li>

        <li><a href="/sell">Sell</a></li>

        <li><a href="/dashboard">Dashboard</a></li>

    </ul>

</nav>

<main>

    <form action="/uploadProperty" method="POST">
```

```
<table>

  <tr>

    <th>Property Type: </th>

    <td>

      <ul>

        <li><label><input type="radio" name="propertytype" value="Land"
required/> Land</label></li>

        <li><label><input type="radio" name="propertytype" value="Home"
required/> Home</label></li>

      </ul>

    </td>

  </tr>

  <tr>

    <th>Location: </th>

    <td>

      <ul>

        <li><label><input type="radio" name="location" value="Telangana"
required/> Telangana</label></li>

        <li><label><input type="radio" name="location" value="Andhra Pradesh"
required/> Andhra Pradesh</label></li>

        <li><label><input type="radio" name="location" value="Karnataka"
required/> Karnataka</label></li>

        <li><label><input type="radio" name="location" value="Tamilnadu"
required/> Tamilnadu</label></li>

      </ul>

    </td>

  </tr>

</table>
```

```

<tr>

  <th>Budget Range: </th>

  <td>

    <ul>

      <li><label><input type="radio" name="budgetRange" value="0-500000"
required> Upto 5,00,000</label></li>

      <li><label><input type="radio" name="budgetRange" value="500000-
1000000" required> 5,00,000 - 10,00,000</label></li>

      <li><label><input type="radio" name="budgetRange" value="1000000-
2000000" required> 10,00,000 - 20,00,000</label></li>

      <li><label><input type="radio" name="budgetRange" value="2000000+"
required> Above 20,00,000</label></li>

    </ul>

  </td>

</tr>

```

```

<tr>

  <th>Add Description</th>

  <td>

    <textarea name="description" rows="5" cols="60" required></textarea>

  </td>

</tr>

```

```

<tr>

  <th>Image link (jpg/png)</th>

```



```

        <td>

            <input type="text" name="link" required />

        </td>

    </tr>


    <tr>

        <th></th>

        <td>

            <input type="submit" value="UPLOAD"/>

        </td>

    </tr>

</table>

</form>

</main>


<script type="text/javascript"><%@include file="/WEB-INF/assets/js/commonX.js"%></script>

<script type="text/javascript"><%@include file="/WEB-INF/assets/js/sell.js"%></script>


</body>

</html>


<%

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

```

```

    if (message != null && !message.isEmpty()) {
%>

<script>

    window.onload = function() {

        setTimeout(function() {

            alert("<%= message %>");

            }, 100);

        };
</script>

<%

    }

%>

```

localhost:8080/sell

Home Buy **Sell** Dashboard

Property Type:

☐ Land
☐ Home

Location:

☐ Telangana
☐ Andhra Pradesh
☐ Karnataka
☐ Tamilnadu

Budget Range:

☐ Upto 5,00,000
☐ 5,00,000 - 10,00,000
☐ 10,00,000 - 20,00,000
☐ Above 20,00,000

Add Description

Image link (jpg/png)

UPLOAD

localhost:8080/sell

Home Buy **Sell** Dashboard

Property Type:

☐ Land
☒ Home

Location:

☒ Telangana
☐ Andhra Pradesh
☐ Karnataka
☐ Tamilnadu

Budget Range:

☐ Upto 5,00,000
☒ 5,00,000 - 10,00,000
☐ 10,00,000 - 20,00,000
☐ Above 20,00,000

Add Description

Budget - 600000/-

Image link (jpg/png)

https://raw.githubusercontent.com/Jayekrishna14s/WT_IMAGES/refs/heads/

UPLOAD

Upload property.java

package com.realestate;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

import java.io.IOException;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.SQLException;

```
@WebServlet("/uploadProperty")

public class UploadProperty extends HttpServlet {

    private static final long serialVersionUID = 1L;

    public UploadProperty() {

        super();

    }

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {

        HttpSession session = request.getSession(false);

        String username = session.getAttribute("username").toString();

        String propertytype = request.getParameter("propertytype");
        String location = request.getParameter("location");
        String budgetRange = request.getParameter("budgetRange");
        String description = request.getParameter("description");
        String link = request.getParameter("link");

        System.out.println("Username: " + username);
        System.out.println("propertytype: " + propertytype);
        System.out.println("location: " + location);
        System.out.println("budgetRange: " + budgetRange);
        System.out.println("description: " + description);
        System.out.println("link: " + link);

        try{
```

```
Connection con = DatabaseConnection.getConnection();

PreparedStatement ps = con.prepareStatement("insert into property
values(?,?,?,?,?,?)");

ps.setString(1, username);

ps.setString(2, propertytype);

ps.setString(3, location);

ps.setString(4, budgetRange);

ps.setString(5, description);

ps.setString(6, link);

ps.executeUpdate();


System.out.println("inserted into property values");

response.sendRedirect("/sell?message=Property%20Uploaded");
} catch (SQLException e){
    e.printStackTrace();
}
}
}
```

localhost:8080/sell

Home

Dashboard

Property Uploaded

OK

Home

Location:

Telangana

Andhra Pradesh

Karnataka

Tamilnadu

Budget Range:

Upto 5,00,000

5,00,000 - 10,00,000

10,00,000 - 20,00,000

Above 20,00,000

Add Description

Image link (jpg/png)

UPLOAD

33
34
35
36
37
38
39
40
41

```
select * from property;
```

Result Grid		Filter Rows:		Edit:		Export/Import:		Wrap Cell Content:	
	uname	propertytype	location	budget	description	link			
	Jayakrishna	Home	Telangana	500000-1000000	Budget - 600000/-	https://raw.githubusercontent.com/Jayakrishna...			
	NULL	NULL	NULL	NULL	NULL	NULL			

Pending

Web servlet=”/buy”

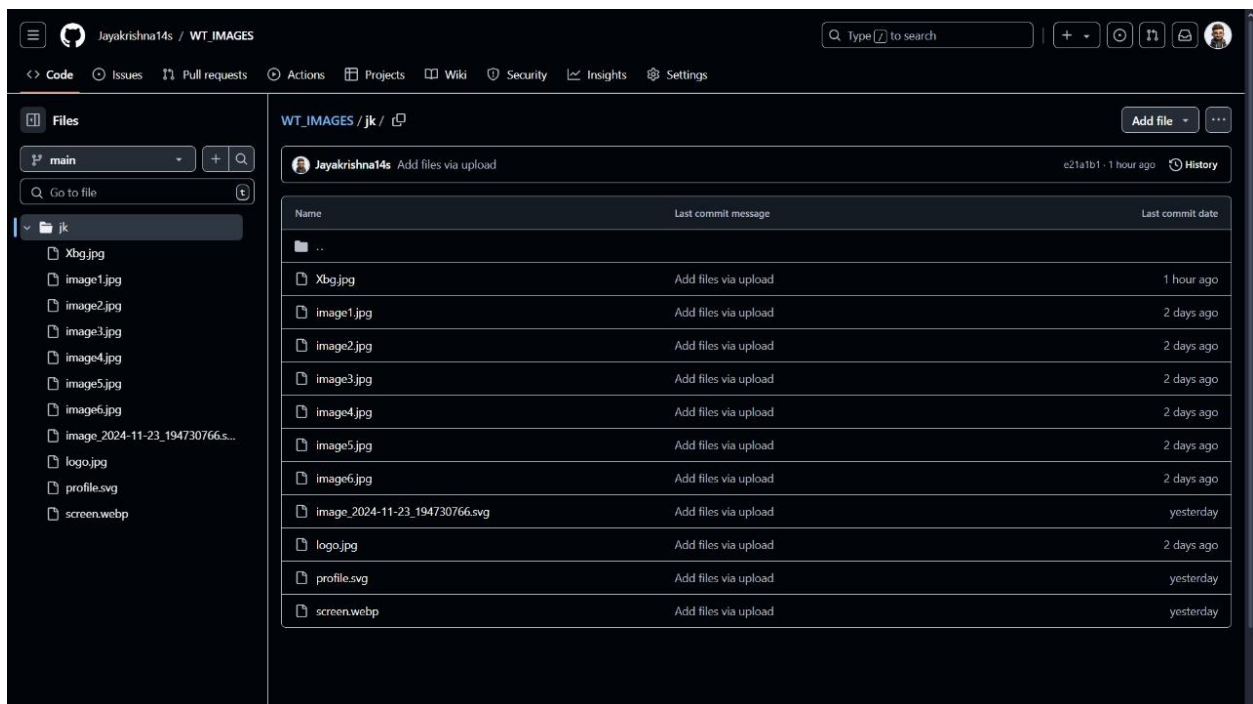
Web servlet=”/dashboard”(for admin)

Web servlet=”/profile”

Progress=75%

Tomcat server runs jsp+servlets it is not accessing local media

We used Github as cloud for images



The screenshot shows the GitHub interface for the repository 'WT_IMAGES' by user 'Jayakrishna14s'. The 'Files' tab is selected, showing the file structure for the 'jk' branch. The file list includes:

Name	Last commit message	Last commit date
..		
Xbg.jpg	Add files via upload	1 hour ago
image1.jpg	Add files via upload	2 days ago
image2.jpg	Add files via upload	2 days ago
image3.jpg	Add files via upload	2 days ago
image4.jpg	Add files via upload	2 days ago
image5.jpg	Add files via upload	2 days ago
image6.jpg	Add files via upload	2 days ago
image_2024-11-23_194730766.svg	Add files via upload	yesterday
logo.jpg	Add files via upload	2 days ago
profile.svg	Add files via upload	yesterday
screen.webp	Add files via upload	yesterday