//Package favorite:   
**//AddToFavorite.java**

package favorite;

import java.io.IOException;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

*@WebServlet*("/AddToFavorite")

public class AddToFavorite extends HttpServlet {

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

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

// Perform necessary operations to add the item to favorites

try {

// Establish database connection

Class.*forName*("com.mysql.jdbc.Driver");

Connection connection = DriverManager.*getConnection*("jdbc:mysql://localhost:3306/railway", "root","root");

// Prepare SQL statement to insert the favorite crossing

String sql = "INSERT INTO favorites (id, Name, Address, Landmark, Trainschedule, pname, status) "+ "SELECT id, Name, Address, Landmark, Trainschedule, pname, status "+ "FROM adminhome WHERE id = ?";

PreparedStatement statement = connection.prepareStatement(sql);

statement.setString(1, itemId);

// Execute the SQL statement

int rowsAffected = statement.executeUpdate();

// Close the database connection

statement.close();

connection.close();

// Redirect the user back to the user home page

response.sendRedirect("userhome.jsp");

}

catch (ClassNotFoundException | SQLException e) {

e.printStackTrace();

}

}

}

**//DeleteRecord.java**

package favorite;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

*@WebServlet*("/DeleteRecord")

public class DeleteRecord extends HttpServlet {

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

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

// Check if ID is provided

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

try {

// Database connection details

String url = "jdbc:mysql://localhost:3306/railway";

String user = "root";

String password = "root";

// Create database connection

Connection conn = DriverManager.*getConnection*(url, user, password);

// Prepare and execute the delete statement

String sql = "DELETE FROM adminhome WHERE id = ?";

PreparedStatement pstmt = conn.prepareStatement(sql);

pstmt.setString(1, id);

pstmt.executeUpdate();

// Close resources

pstmt.close();

conn.close();

// Redirect back to delete.jsp with success message

response.sendRedirect("adminhome.jsp");

}

catch (SQLException e) {

e.printStackTrace();

// Handle database errors

response.sendRedirect("delete.jsp?error=true");

}

}

else

{

// ID is not provided, redirect back to delete.jsp with error message

response.sendRedirect("delete.jsp?error=true");

}

}

}

**//RemoveFrontFavorite.java**

package favorite;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

*@WebServlet*("/RemoveFromFavorite")

public class RemoveFromFavorite extends HttpServlet {

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

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

// Perform necessary operations to remove the item from favorites

try {

// Establish database connection

Class.*forName*("com.mysql.jdbc.Driver");

Connection connection =

DriverManager.*getConnection*("jdbc:mysql://localhost:3306/railway", "root","root");

// Prepare SQL statement to delete the favorite crossing

String sql = "DELETE FROM favorites WHERE id = ?";

PreparedStatement statement = connection.prepareStatement(sql);

statement.setString(1, id);

// Execute the SQL statement

int rowsAffected = statement.executeUpdate();

// Close the database connection

statement.close();

connection.close();

// Redirect the user back to the user home page

response.sendRedirect("favorite.jsp");

}

catch (ClassNotFoundException | SQLException e) {

e.printStackTrace();

}

}

}

**//Package login:**

**//Login.java**

package login;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import jakarta.servlet.RequestDispatcher;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

*@WebServlet*("/Login")

public class Login extends HttpServlet {

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

public Login() {

super();

}

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

// Handle GET requests (e.g., redirect to a login page)

RequestDispatcher rd = request.getRequestDispatcher("login.jsp");

rd.forward(request, response);

}

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

try {

PrintWriter out = response.getWriter();

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

Connection con = DriverManager.*getConnection*("jdbc:mysql://localhost:3306/railway", "root", "root");

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

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

PreparedStatement ps = con.prepareStatement("SELECT uname FROM user WHERE uname=? AND password=?");

ps.setString(1, uname);

ps.setString(2, pass);

ResultSet rs = ps.executeQuery();

if (rs.next()) {

// Successful login, forward to userhome.jsp

RequestDispatcher rd = request.getRequestDispatcher("userhome.jsp");

rd.forward(request, response);

} else {

// Login failed, display error message

out.println("<font color=red size=4>Login Failed!!!<br>");

out.println("<font color=red size=2>Invalid user name or password<br>");

out.println("<a href=login.jsp>Try Again</a>");

}

} catch (ClassNotFoundException | SQLException e) {

e.printStackTrace();

}

}

}

**//Package rail:**

**//RailCross.java**

package rail;

import java.sql.Time;

public class RailCross {

private String name;

private String address;

private String landmark;

private String trainSchedule;

private String personInCharge;

private String status;

public RailCross(String name, String address, String landmark, String trainSchedule, String personInCharge, String status) {

this.name = name;

this.address = address;

this.landmark = landmark;

this.trainSchedule = trainSchedule;

this.personInCharge = personInCharge;

this.status = status;

}

// Getters and setters

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public String getAddress() {

return address;

}

public void setAddress(String address) {

this.address = address;

}

public String getLandmark() {

return landmark;

}

public void setLandmark(String landmark) {

this.landmark = landmark;

}

public String getTrainSchedule() {

return trainSchedule;

}

public void setTrainSchedule(String trainSchedule) {

this.trainSchedule = trainSchedule;

}

public String getPersonInCharge() {

return personInCharge;

}

public void setPersonInCharge(String personInCharge) {

this.personInCharge = personInCharge;

}

public String getStatus() {

return status;

}

public void setStatus(String status) {

this.status = status;

}

}

**//RailCrossing.java**

package rail;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

*@WebServlet*("/RailCrossing")

public class RailCrossing extends HttpServlet {

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

private String dbUrl = "jdbc:mysql://localhost:3306/railway";

private String dbUsername = "root";

private String dbPassword = "root";

private String dbDriver = "com.mysql.cj.jdbc.Driver";

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

String name = request.getParameter("Name");

String address = request.getParameter("Address");

String landmark = request.getParameter("Landmark");

String trainSchedule = request.getParameter("Trainschedule");

String personInCharge = request.getParameter("pname");

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

RailCross railCrossing = new RailCross(name, address, landmark, trainSchedule, personInCharge, status);

String result = insertRailCrossing(railCrossing);

response.sendRedirect("adminhome.jsp");

}

private String insertRailCrossing(RailCross railCrossing) {

try {

Class.*forName*(dbDriver);

Connection connection = DriverManager.*getConnection*(dbUrl, dbUsername, dbPassword);

String sql = "INSERT INTO adminhome (Name, Address, Landmark, Trainschedule, pname, status) VALUES (?, ?, ?, ?, ?, ?)";

PreparedStatement statement = connection.prepareStatement(sql);

statement.setString(1, railCrossing.getName());

statement.setString(2, railCrossing.getAddress());

statement.setString(3, railCrossing.getLandmark());

statement.setString(4, railCrossing.getTrainSchedule());

statement.setString(5, railCrossing.getPersonInCharge());

statement.setString(6, railCrossing.getStatus());

int rowsInserted = statement.executeUpdate();

if (rowsInserted > 0) {

return "Data inserted successfully";

}

else

{

return "Failed to insert data";

}

}

catch (ClassNotFoundException | SQLException e) {

e.printStackTrace();

return "Error: " + e.getMessage();

}

}

}

**//UpdateRailCrossingServlet.java**

package rail;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

/\*\*

\* Servlet implementation class UpdateRailCrossingServlet

\*/

*@WebServlet*("/UpdateRailCrossingServlet")

public class UpdateRailCrossingServlet extends HttpServlet {

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

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

public UpdateRailCrossingServlet() {

super();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

// **TODO** Auto-generated method stub

response.getWriter().append("Served at: ").append(request.getContextPath());

}

/\*\*

\* **@see** HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

// **TODO** Auto-generated method stub

doGet(request, response);

String name = request.getParameter("Name");

String address = request.getParameter("Address");

String landmark = request.getParameter("Landmark");

String trainSchedule = request.getParameter("Trainschedule");

String personInCharge = request.getParameter("pname");

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

// Database connection parameters

String jdbcUrl = "jdbc:mysql://localhost:3306/railway";

String dbUser = "root";

String dbPassword = "root";

try {

// Load the MySQL JDBC driver

Class.*forName*("com.mysql.jdbc.Driver");

// Establish a database connection

Connection connection = DriverManager.*getConnection*(jdbcUrl, dbUser, dbPassword);

// Prepare the SQL update statement

String updateQuery = "UPDATE `railway`.`adminhome` SET Name=?, Address=?, Landmark=?, Trainschedule=?, pname=?, status=? WHERE id=?";

PreparedStatement preparedStatement = connection.prepareStatement(updateQuery);

preparedStatement.setString(1, name);

preparedStatement.setString(2, address);

preparedStatement.setString(3, landmark);

preparedStatement.setString(4, trainSchedule);

preparedStatement.setString(5, personInCharge);

preparedStatement.setString(6, status);

preparedStatement.setInt(7, Integer.*parseInt*(request.getParameter("id"))); // Assuming you have 'id' in your form

// Execute the update

int updatedRows = preparedStatement.executeUpdate();

// Close the database connection

preparedStatement.close();

connection.close();

// Redirect to a success page or display a message

if (updatedRows > 0) {

response.sendRedirect("success.jsp"); // Redirect to a success page

} else {

response.sendRedirect("error.jsp"); // Redirect to an error page

}

} catch (Exception e) {

e.printStackTrace();

// Handle database errors or exceptions here

response.sendRedirect("error.jsp"); // Redirect to an error page

}

}

}

//Package register

//Member.java

package register;

public class Member {

private String uname, password, email;

public Member() {

super();

}

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

super();

this.uname = uname;

this.password = password;

this.email = email;

}

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;

}

}

//Register.java

package register;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

/\*\*

\* Servlet implementation class Register

\*/

*@WebServlet*("/Register")

public class Register extends HttpServlet {

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

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

public Register() {

super();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws

ServletException, IOException {

// **TODO** Auto-generated method stub

response.getWriter().append("Served at: ").append(request.getContextPath());

}

/\*\*

\* **@see** HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws

ServletException, IOException {

// **TODO** Auto-generated method stub

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

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

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

Member user = new Member(uname, password, email);

RegisterDao rDao = new RegisterDao();

String result = rDao.insert(user);

response.getWriter().print(result);

}

}

**//RegisterDao.java**

package register;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

public class RegisterDao {

private String dbUrl = "jdbc:mysql://localhost:3306/railway";

private String dbUname = "root";

private String dbPassword = "root";

private String dbDriver = "com.mysql.cj.jdbc.Driver";

public void loadDriver(String dbDriver) {

try {

Class.*forName*(dbDriver);

}

catch (ClassNotFoundException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

}

public Connection getConnection() {

Connection con = null;

try {

con = DriverManager.*getConnection*(dbUrl, dbUname, dbPassword);

}

catch (SQLException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

return con;

}

public String insert(Member member) {

loadDriver(dbDriver);

Connection con = getConnection();

String result = "Data entered successfully";

String sql = "insert into user values(?,?,?)";

PreparedStatement ps;

try {

ps = con.prepareStatement(sql);

ps.setString(1, member.getUname());

ps.setString(2, member.getEmail());

ps.setString(3, member.getPassword());

ps.executeUpdate();

}

catch (SQLException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

result = "Data not entered";

}

return result;

}

}

//jsp files

**//Addrail.jsp**

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

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

<%@ **page** import=*"java.io.\*, java.util.\*, java.sql.\*"* %>

<%@ **page** import=*"jakarta.servlet.http.\*, jakarta.servlet.\*"* %>

<%@ **taglib** uri=*"http://java.sun.com/jsp/jstl/core"* prefix=*"c"*%>

<%@ **taglib** uri=*"http://java.sun.com/jsp/jstl/sql"* prefix=*"sql"*%>

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"ISO-8859-1"*>

<**title**>ADMIN HOME</**title**>

</**head**>

<**body**>

<**body**>

<**h2**>Welcome to Admin Home</**h2**>

<!-- Add button/link to navigate to the 'add.jsp' page for adding new records -->

<**a** href=*"addrail.jsp"*>Add New Record</**a**>

<**table** border=*"1"* width=*"100%"*>

<**tr**>

<**th**>Sr.No</**th**>

<**th**>Name</**th**>

<**th**>Address</**th**>

<**th**>Landmark</**th**>

<**th**>Time Schedule</**th**>

<**th**>Person In-Charge</**th**>

<**th**>Status</**th**>

<**th**>Action</**th**>

</**tr**>

<**sql:setDataSource** var=*"snapshot"* driver=*"com.mysql.cj.jdbc.Driver"* url=*"jdbc:mysql://localhost:3306/railway"* user=*"root"* password=*"root"* />

<**sql:query** dataSource=*"*${snapshot}*"* var=*"result"*>

SELECT \* FROM `railway`.`adminhome`;

</**sql:query**>

<**c:forEach** var=*"row"* items=*"*${result.rows}*"*>

<**tr**>

<**td**><**c:out** value=*"*${row.id}*"* /></**td**>

<**td**><**c:out** value=*"*${row.Name}*"* /></**td**>

<**td**><**c:out** value=*"*${row.Address}*"* /></**td**>

<**td**><**c:out** value=*"*${row.Landmark}*"* /></**td**>

<**td**><**c:out** value=*"*${row.Trainschedule}*"* /></**td**>

<**td**><**c:out** value=*"*${row.pname}*"* /></**td**>

<**td**><**c:out** value=*"*${row.status}*"* /></**td**>

<**td**>

<**a** href=*"update.jsp?id=*<**c:out** value="${row.id}" />*"*>Update</**a**>

<**a** href=*"delete.jsp?id=*<**c:out** value="${row.id}" />*"*>Delete</**a**>

</**td**>

</**tr**>

</**c:forEach**>

</**table**>

</**body**>

</**html**>

</**body**>

</**html**>

**//adminhome.jsp**

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

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

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"ISO-8859-1"*>

<**title**>Add Railway Crossing</**title**>

<**style**>

body {

text-align: *center*;

}

h2 {

color: *#333*;

}

form {

margin-top: *20px*;

}

table {

margin: *0 auto*;

}

td {

padding: *5px*;

}

input[type="text"],

input[type="time"],

input[type="radio"] {

padding: *5px*;

border-radius: *4px*;

border: *1px solid #ccc*;

}

input[type="submit"] {

padding: *5px 10px*;

background-color: *#f2f2f2*;

border-radius: *4px*;

border: *none*;

cursor: *pointer*;

}

input[type="submit"]:hover {

background-color: *#ddd*;

}

</**style**>

</**head**>

<**body**>

<**h2**>Add Railway Crossing</**h2**>

<**form** action=*"RailCrossing"* method=*"POST"*>

<**table**>

<**tr**>

<**td**>Name:</**td**>

<**td**><**input** type=*"text"* name=*"Name"* required></**td**>

</**tr**>

<**tr**>

<**td**>Address:</**td**>

<**td**><**input** type=*"text"* name=*"Address"* required></**td**>

</**tr**>

<**tr**>

<**td**>Landmark:</**td**>

<**td**><**input** type=*"text"* name=*"Landmark"* required></**td**>

</**tr**>

<**tr**>

<**td**>Time Schedule:</**td**>

<**td**><**input** type=*"time"* name=*"Trainschedule"* required></**td**>

</**tr**>

<**tr**>

<**td**>Person In-Charge:</**td**>

<**td**><**input** type=*"text"* name=*"pname"* required></**td**>

</**tr**>

<**tr**>

<**td**>Status:</**td**>

<**td**><**input** type=*"radio"* name=*"status"* value=*"open"* required>

open <**input** type=*"radio"* name=*"status"* value=*"closed"* required>

closed</**td**>

</**tr**>

<**tr**>

<**td**><**input** type=*"submit"* value=*"Add Crossing"*></**td**>

</**tr**>

</**table**>

</**form**>

</**body**>

</**html**>

**//adminlogin.jsp**

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

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

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"ISO-8859-1"*>

<**title**>Admin Login</**title**>

<**style**>

body {

text-align: *center*;

}

h2 {

color: *#333*;

}

form {

margin-top: *20px*;

}

table {

margin: *0 auto*;

}

td {

padding: *5px*;

}

input[type="text"], input[type="password"] {

padding: *5px*;

border-radius: *4px*;

border: *1px solid #ccc*;

}

input[type="submit"] {

padding: *5px 10px*;

background-color: *#f2f2f2*;

border-radius: *4px*;

border: *none*;

cursor: *pointer*;

}

input[type="submit"]:hover {

background-color: *#ddd*;

}

a {

color: *blue*;

text-decoration: *none*;

}

</**style**>

</**head**>

<**body**>

<**div** align=*center*>

<**h2**>Admin Login</**h2**>

<**form** action=*"AdminLogin"* method=*"POST"*>

<**table**>

<**tr**>

<**td**>Name:</**td**>

<**td**><**input** type=*"text"* name=*"uname"* placeholder=*"UserName"* required></**td**>

</**tr**>

<**tr**>

<**td**>Password:</**td**>

<**td**><**input** type=*"password"* name=*"password"* placeholder=*"password"* required></**td**>

</**tr**>

<**tr**>

<**td**></**td**>

<**td**><**input** type=*"submit"* value=*"Login"*><**br**>

<**br**>

</**tr**>

</**table**>

</**form**>

</**div**>

</**body**>

</**html**>

**//delete.jsp**

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

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

<%@ **page** import=*"java.io.\*, java.util.\*, java.sql.\*"* %>

<%@ **page** import=*"jakarta.servlet.http.\*, jakarta.servlet.\*"* %>

<%@ **taglib** uri=*"http://java.sun.com/jsp/jstl/core"* prefix=*"c"*%>

<%@ **taglib** uri=*"http://java.sun.com/jsp/jstl/sql"* prefix=*"sql"*%>

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"ISO-8859-1"*>

<**title**>Delete Crossing Process</**title**>

</**head**>

<**body**>

<**h2**>Delete Crossing Process</**h2**>

<**sql:setDataSource** var=*"snapshot"* driver=*"com.mysql.jdbc.Driver"*

url=*"jdbc:mysql://localhost:3306/railway"* user=*"root"*

password=*"root"* />

<**c:if** test=*"*${not empty param.id}*"*>

<**sql:update** dataSource=*"*${snapshot}*"*>

DELETE FROM adminhome WHERE id=?

<**sql:param** value=*"*${param.id}*"* />

</**sql:update**>

<**script**>

window.location.href = "adminhome.jsp";

</**script**>

</**c:if**>

<**a** href=*"adminhome.jsp"*>Back to Admin Home</**a**>

</**body**>

</**html**>

**//favorite.jsp**

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

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

<%@ **page** import=*"java.io.\*, java.util.\*, java.sql.\*"* %>

<%@ **page** import=*"jakarta.servlet.http.\*, jakarta.servlet.\*"* %>

<%@ **taglib** uri=*"http://java.sun.com/jsp/jstl/core"* prefix=*"c"*%>

<%@ **taglib** uri=*"http://java.sun.com/jsp/jstl/sql"* prefix=*"sql"*%>

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"ISO-8859-1"*>

<**title**>Favorite page</**title**>

</**head**>

<**body**>

<**h2**>Favorite Search Results</**h2**>

<**sql:setDataSource** var=*"snapshot"* driver=*"com.mysql.cj.jdbc.Driver"*

url=*"jdbc:mysql://localhost:3306/railway"* user=*"root"* password=*"root"* />

<**sql:query** dataSource=*"*${snapshot}*"* var=*"result"*>

SELECT \* FROM favorites;

</**sql:query**>

<**table** border=*"1"* width=*"100%"*>

<**tr**>

<**th**>Sr.No</**th**>

<**th**>Name</**th**>

<**th**>Address</**th**>

<**th**>Landmark</**th**>

<**th**>Time Schedule</**th**>

<**th**>Person In-Charge</**th**>

<**th**>Status</**th**>

</**tr**>

<**c:forEach** var=*"row"* items=*"*${result.rows}*"*>

<**tr**>

<**td**><**c:out** value=*"*${row.id}*"* /></**td**>

<**td**><**c:out** value=*"*${row.Name}*"* /></**td**>

<**td**><**c:out** value=*"*${row.Address}*"* /></**td**>

<**td**><**c:out** value=*"*${row.Landmark}*"* /></**td**>

<**td**><**c:out** value=*"*${row.Trainschedule}*"* /></**td**>

<**td**><**c:out** value=*"*${row.pname}*"* /></**td**>

<**td**><**c:out** value=*"*${row.status}*"* /></**td**>

</**tr**>

</**c:forEach**>

</**table**>

</**body**>

</**html**>

**//Index.jsp**

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

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

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"ISO-8859-1"*>

<**title**>User Login</**title**>

</**head**>

<**style**>

body {

font-family: *Arial, sans-serif*;

background-color: *#f2f2f2*;

padding: *20px*;

text-align: *center*;

}

h3 {

color: *#333*;

}

a {

display: *inline-block*;

margin: *10px 0*;

padding: *10px 20px*;

background-color: *#007bff*;

color: *#fff*;

text-decoration: *none*;

border-radius: *5px*;

}

a:hover {

background-color: *#0056b3*;

}

</**style**>

</**head**>

<**body**>

<**h3**>Welcome to Railway Crossing!!!</**h3**>

<**a** href=*"login.jsp"*>User Login</**a**>

<**br**>

<**br**>

<**a** href=*"adminlogin.jsp"*>Admin Login</**a**>

</**body**>

</**html**>

**//login.jsp**

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

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

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"ISO-8859-1"*>

<**title**>Insert title here</**title**>

<**style**>

body {

font-family: *Arial, sans-serif*;

background-color: *#f2f2f2*;

}

form {

max-width: *400px*;

margin: *0 auto*;

padding: *20px*;

background-color: *#fff*;

border-radius: *5px*;

box-shadow: *0 0 10px rgba(0, 0, 0, 0.1)*;

}

h2 {

text-align: *center*;

color: *#333*;

}

table {

margin-top: *20px*;

width: *100%*;

}

td {

padding: *10px*;

}

input[type="text"], input[type="password"] {

width: *100%*;

padding: *8px*;

border-radius: *4px*;

border: *1px solid #ccc*;

}

input[type="submit"] {

width: *100%*;

padding: *8px*;

border-radius: *4px*;

background-color: *#4CAF50*;

color: *#fff*;

cursor: *pointer*;

}

input[type="submit"]:hover {

background-color: *#45a049*;

}

a {

text-decoration: *none*;

color: *#333*;

}

</**style**>

</**head**>

<**body**>

<**div** align=*center*>

<**h2**>User Login</**h2**>

<**form** action=*"Login"* method=*"POST"*>

<**table**>

<**tr**>

<**td**>Name:</**td**>

<**td**><**input** type=*"text"* name=*"uname"* placeholder=*"UserName"*

required></**td**>

</**tr**>

<**tr**>

<**td**>Password:</**td**>

<**td**><**input** type=*"password"* name=*"password"*

placeholder=*"password"* required></**td**>

</**tr**>

<**br**>

<**br**>

<**tr**>

<**td**><**input** type=*"submit"* value=*"Login"*><**br**>

<**br**> <**br**>Don't have an account?<**a** href=*"Registration.jsp"*>Sign

In</**a**></**td**>

</**tr**>

<**tr**>

<**td**><**a** href=*"index.jsp"*>Back<**a**></**td**>

</**tr**>

</**table**>

</**form**>

</**div**>

</**body**>

</**html**>

l>

**//Registration.jsp**

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

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

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"ISO-8859-1"*>

<**title**>Register form</**title**>

<**style**>

body {

font-family: *Arial, sans-serif*;

background-color: *#f2f2f2*;

}

form {

max-width: *400px*;

margin: *0 auto*;

padding: *20px*;

background-color: *#fff*;

border-radius: *5px*;

box-shadow: *0 0 10px rgba(0, 0, 0, 0.1)*;

}

h2 {

text-align: *center*;

color: *#333*;

}

table {

margin-top: *20px*;

width: *100%*;

}

td {

padding: *10px*;

}

input[type="text"], input[type="password"] {

width: *100%*;

padding: *8px*;

border-radius: *4px*;

border: *1px solid #ccc*;

}

input[type="submit"] {

width: *100%*;

padding: *8px*;

border-radius: *4px*;

background-color: *#4CAF50*;

color: *#fff*;

cursor: *pointer*;

}

input[type="submit"]:hover {

background-color: *#45a049*;

}

a {

text-decoration: *none*;

}

</**style**>

</**head**>

<**body**>

<**form** action=*"Register"* method=*"post"*>

<**div** align=*center*>

<**h2**>User Registration</**h2**>

<**table**>

<**tr**>

<**td**>Name:</**td**>

<**td**><**input** type=*"text"* name=*"uname"* placeholder=*"UserName"*

required></**td**>

</**tr**>

<**tr**>

<**td**>Email:</**td**>

<**td**><**input** type=*"text"* name=*"email"* placeholder=*"Email"*

required></**td**>

</**tr**>

<**tr**>

<**td**>Password:</**td**>

<**td**><**input** type=*"password"* name=*"password"*

placeholder=*"password"* required></**td**>

</**tr**>

<**br**>

<**br**>

<**tr**>

<**td**></**td**>

<**td**><**input** type=*"submit"* value=*"register"*><**br**>

<**br**>Already Registered?<**a** href=*"login.jsp"*>Go to login</**a**></**td**>

</**tr**>

</**table**>

</**div**>

</**form**>

</**body**>

</**html**>

>

**//search.jsp**

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

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

<%@ **page** import=*"java.io.\*, java.util.\*, java.sql.\*"* %>

<%@ **page** import=*"jakarta.servlet.http.\*, jakarta.servlet.\*"* %>

<%@ **taglib** uri=*"http://java.sun.com/jsp/jstl/core"* prefix=*"c"*%>

<%@ **taglib** uri=*"http://java.sun.com/jsp/jstl/sql"* prefix=*"sql"*%>

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"ISO-8859-1"*>

<**title**>Search Crossing</**title**>

</**head**>

<**body**>

<**h2**>Search Crossing</**h2**>

<**form** action=*"searchResult.jsp"* method=*"GET"*>

<**input** type=*"text"* name=*"keyword"* placeholder=*"Enter keyword"* />

<**input** type=*"submit"* value=*"Search"* />

</**form**>

</**body**>

</**html**>

**//searchResult.jsp**

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

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

<%@ **page** import=*"java.io.\*, java.util.\*, java.sql.\*"* %>

<%@ **page** import=*"jakarta.servlet.http.\*, jakarta.servlet.\*"* %>

<%@ **taglib** uri=*"http://java.sun.com/jsp/jstl/core"* prefix=*"c"*%>

<%@ **taglib** uri=*"http://java.sun.com/jsp/jstl/sql"* prefix=*"sql"*%>

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"ISO-8859-1"*>

<**title**>Search Results</**title**>

</**head**>

<**body**>

<**h2**>Search Results</**h2**>

<**sql:setDataSource** var=*"snapshot"* driver=*"com.mysql.cj.jdbc.Driver"*

url=*"jdbc:mysql://localhost:3306/railway"* user=*"root"* password=*"root"* />

<**c:set** var=*"keyword"* value=*"*${param.keyword}*"* />

<**sql:query** dataSource=*"*${snapshot}*"* var=*"result"*>

SELECT \* FROM `railway`.`adminhome`

WHERE Name LIKE CONCAT('%', ?, '%') OR Address LIKE CONCAT('%', ?, '%')

<**sql:param** value=*"*${keyword}*"* />

<**sql:param** value=*"*${keyword}*"* />

</**sql:query**>

<**table** border=*"1"* width=*"100%"*>

<**tr**>

<**th**>Sr.No</**th**>

<**th**>Name</**th**>

<**th**>Address</**th**>

<**th**>Landmark</**th**>

<**th**>Time Schedule</**th**>

<**th**>Person In-Charge</**th**>

<**th**>Status</**th**>

</**tr**>

<**c:forEach** var=*"row"* items=*"*${result.rows}*"*>

<**tr**>

<**td**><**c:out** value=*"*${row.id}*"* /></**td**>

<**td**><**c:out** value=*"*${row.Name}*"* /></**td**>

<**td**><**c:out** value=*"*${row.Address}*"* /></**td**>

<**td**><**c:out** value=*"*${row.Landmark}*"* /></**td**>

<**td**><**c:out** value=*"*${row.Trainschedule}*"* /></**td**>

<**td**><**c:out** value=*"*${row.pname}*"* /></**td**>

<**td**><**c:out** value=*"*${row.status}*"* /></**td**>

</**tr**>

</**c:forEach**>

</**table**>

</**body**>

</**html**>

**//update.jsp**

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

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

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"ISO-8859-1"*>

<**title**>Update Railway Crossing</**title**>

<**style**>

body {

text-align: *center*;

}

h2 {

color: *#333*;

}

form {

margin-top: *20px*;

}

table {

margin: *0 auto*;

}

td {

padding: *5px*;

}

input[type="text"],

input[type="time"],

input[type="radio"] {

padding: *5px*;

border-radius: *4px*;

border: *1px solid #ccc*;

}

input[type="submit"] {

padding: *5px 10px*;

background-color: *#f2f2f2*;

border-radius: *4px*;

border: *none*;

cursor: *pointer*;

}

input[type="submit"]:hover {

background-color: *#ddd*;

}

</**style**>

</**head**>

<**body**>

<**h2**>Update Railway Crossing</**h2**>

<**form** action=*"UpdateRailCrossingServlet"* method=*"POST"*>

<**table**>

<**tr**>

<**td**>Name:</**td**>

<**td**><**input** type=*"text"* name=*"Name"* value=*"*<%= request.getAttribute("Name") %>*"* required></**td**>

</**tr**>

<**tr**>

<**td**>Address:</**td**>

<**td**><**input** type=*"text"* name=*"Address"* value=*"*<%= request.getAttribute("Address") %>*"* required></**td**>

</**tr**>

<**tr**>

<**td**>Landmark:</**td**>

<**td**><**input** type=*"text"* name=*"Landmark"* value=*"*<%= request.getAttribute("Landmark") %>*"* required></**td**>

</**tr**>

<**tr**>

<**td**>Time Schedule:</**td**>

<**td**><**input** type=*"time"* name=*"Trainschedule"* value=*"*<%= request.getAttribute("Trainschedule") %>*"* required></**td**>

</**tr**>

<**tr**>

<**td**>Person In-Charge:</**td**>

<**td**><**input** type=*"text"* name=*"pname"* value=*"*<%= request.getAttribute("pname") %>*"* required></**td**>

</**tr**>

<**tr**>

<**td**>Status:</**td**>

<**td**>

<**input** type=*"radio"* name=*"status"* value=*"open"* required <%= ("open".equals(request.getAttribute("status")) ? "checked" : "") %>> open

<**input** type=*"radio"* name=*"status"* value=*"closed"* required <%= ("closed".equals(request.getAttribute("status")) ? "checked" : "") %>> closed

</**td**>

</**tr**>

<**tr**>

<**td**><**input** type=*"submit"* value=*"Update Crossing"*></**td**>

</**tr**>

</**table**>

</**form**>

</**body**>

</**html**>

**//userhome.jsp**

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

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

<%@ **page** import=*"java.io.\*, java.util.\*, java.sql.\*"* %>

<%@ **page** import=*"jakarta.servlet.http.\*, jakarta.servlet.\*"* %>

<%@ **taglib** uri=*"http://java.sun.com/jsp/jstl/core"* prefix=*"c"*%>

<%@ **taglib** uri=*"http://java.sun.com/jsp/jstl/sql"* prefix=*"sql"*%>

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"ISO-8859-1"*>

<**title**>User Home</**title**>

<**style**>

.header {

text-align: *center*;

margin-bottom: *20px*;

}

.link {

display: *block*;

margin-bottom: *10px*;

}

.box {

border: *1px solid #ccc*;

padding: *10px*;

margin: *10px*;

background-color: *#f9f9f9*;

}

.button-green {

background-color: *green*;

color: *white*;

border: *none*;

padding: *5px 10px*;

border-radius: *5px*;

}

.button-red {

background-color: *red*;

color: *white*;

border: *none*;

padding: *5px 10px*;

border-radius: *5px*;

}

</**style**>

</**head**>

<**body**>

<**h2**>User Home</**h2**>

<**a** class=*"link"* href=*"userhome.jsp"*>Home</**a**>

<**a** class "link" href=*"search.jsp"*>Search Crossing</**a**>

<**a** class=*"link"* href=*"favorite.jsp"*>Favorite Crossing</**a**>

<**sql:setDataSource** var=*"snapshot"* driver=*"com.mysql.jdbc.Driver"* url=*"jdbc:mysql://localhost:3306/railway"* user=*"root"*

password=*"root"* />

<**sql:query** dataSource=*"*${snapshot}*"* var=*"result"*>

SELECT \* FROM `railway`.`adminhome`;

</**sql:query**>

<**c:forEach** var=*"row"* items=*"*${result.rows}*"*>

<**div** class=*"box"*>

<**h4**>

Name:

<**c:out** value=*"*${row.Name}*"* />

</**h4**>

<**p**>

Address:

<**c:out** value=*"*${row.Address}*"* />

</**p**>

<**p**>

Landmark:

<**c:out** value=*"*${row.Landmark}*"* />

</**p**>

<**p**>

Time Schedule:

<**c:out** value=*"*${row.Trainschedule}*"* />

</**p**>

<**p**>

Person In-Charge:

<**c:out** value=*"*${row.pname}*"* />

</**p**>

<**p**>

Status:

<**span** class=*"*<**c:out** value="${row.status} *== 'open' ? 'button-green' : 'button-red'*" />*"*>

<**c:out** value=*"*${row.status}*"* />

</**span**>

</**p**>

<**c:set** var=*"isFavorite"* value=*"false"* />

<**sql:query** dataSource=*"*${snapshot}*"* var=*"favorites"*>

SELECT \* FROM favorites WHERE id = '${row.id}';

</**sql:query**>

<**c:if** test=*"*${not empty favorites.rows}*"*>

<**c:set** var=*"isFavorite"* value=*"true"* />

</**c:if**>

<**c:choose**>

<**c:when** test=*"*${isFavorite eq true}*"*>

<**form** action=*"RemoveFromFavorite"* method=*"POST"*>

<**input** type=*"hidden"* name=*"id"* value=*"*${row.id}*"* />

<**input** type=*"submit"* class=*"button-red"* value=*"Remove from Favorite"* />

</**form**>

</**c:when**>

<**c:otherwise**>

<**form** action=*"AddToFavorite"* method=*"POST"*>

<**input** type=*"hidden"* name=*"id"* value=*"*${row.id}*"* />

<**input** type=*"submit"* class=*"button-green"* value=*"Add to Favorite"* />

</**form**>

</**c:otherwise**>

</**c:choose**>

</**div**>

</**c:forEach**>

<**a** class=*"link"* href=*"login.jsp"*>Logout</**a**>

</**body**>

</**html**>