# //AdminLogin.java file

**package** adminlogin;

**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;

**import** javax.servlet.RequestDispatcher; **import** javax.servlet.ServletException; **import** javax.servlet.annotation.WebServlet; **import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest; **import** javax.servlet.http.HttpServletResponse; @WebServlet("/AdminLogin")

**public class** AdminLogin **extends** HttpServlet { **private static final long *serialVersionUID*** = 1L; **public** AdminLogin() {

**super**();

}

**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 ","root123");

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

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

ps.setString(1,uname); ps.setString(2,pass);

ResultSet rs = ps.executeQuery();

**if**(rs.next()) {

RequestDispatcher rd = request.getRequestDispatcher("adminhome.jsp"); rd.forward(request, response);

}

## else {

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=adminlogin.jsp>Try Again</a>");

}

}**catch** (ClassNotFoundException e) { e.printStackTrace();

} **catch** (SQLException e) {

// **TODO** Auto-generated catch block e.printStackTrace();

}

}

}

# //AddTofavorite.java file

**package** favorite;

**import** java.io.IOException; **import** java.sql.Connection; **import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.SQLException;

**import** javax.servlet.ServletException; **import** javax.servlet.annotation.WebServlet; **import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest; **import** javax.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","root123");

// 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();

}

}

}

# //DeleteRecords.java

**package** favorite;

**import** java.io.IOException; **import** java.sql.Connection; **import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.SQLException;

**import** javax.servlet.ServletException; **import** javax.servlet.annotation.WebServlet; **import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest; **import** javax.servlet.http.HttpServletResponse; @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 = "root123";

// 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");

}

}

}

# //RemoveFromFavorite.java file

**package** favorite;

**import** java.io.IOException; **import** java.sql.Connection; **import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.SQLException;

**import** javax.servlet.ServletException; **import** javax.servlet.annotation.WebServlet; **import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest; **import** javax.servlet.http.HttpServletResponse; @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","root123");

// 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();

}

}

}

# //login.java

**package** login;

**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;

**import** javax.servlet.RequestDispatcher; **import** javax.servlet.ServletException; **import** javax.servlet.annotation.WebServlet; **import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest; **import** javax.servlet.http.HttpServletResponse; @WebServlet("/Login")

**public class** Login **extends** HttpServlet {

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

**public** Login() {

**super**();

}

**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 ","root123");

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()) {

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

}

## else {

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 e) { e.printStackTrace();

} **catch** (SQLException e) {

// **TODO** Auto-generated catch block e.printStackTrace();

}

}

**private** PreparedStatement prepareStatement(String string) {

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

## return null;

}

}

# //RailCross.java file

**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** java.io.IOException; **import** java.sql.Connection; **import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.SQLException;

**import** javax.servlet.ServletException; **import** javax.servlet.annotation.WebServlet; **import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest; **import** javax.servlet.http.HttpServletResponse; @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 = "root123";

**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

**package** rail;

**import** java.io.IOException; **import** java.sql.Connection; **import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** javax.servlet.ServletException; **import** javax.servlet.annotation.WebServlet; **import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

/\*\*

\* 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 = "root123";

## 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();

a success page

// Redirect to a success page or display a message

**if** (updatedRows > 0) { response.sendRedirect("success.jsp"); // Redirect to

} **else** {

error page

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

}

}

}

# //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** java.io.IOException;

**import** javax.servlet.ServletException; **import** javax.servlet.annotation.WebServlet; **import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

/\*\*

\* 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 = "root123";

**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;

}

}

# //addrail.jsp

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

pageEncoding=*"UTF-8"*%>

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

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<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>

# //adminhome.jsp

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

pageEncoding=*"UTF-8"*%>

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

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

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

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

<!DOCTYPE html>

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<title>ADMIN HOME</title>

</head>

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

password=*"root123"* />

<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>

/>*"*>Update</a>

/>*"*>Delete</a>

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

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

</td>

</tr>

</c:forEach>

</table>

</body>

</html>

# //adminlogin.jsp

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

pageEncoding=*"UTF-8"*%>

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

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<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=UTF-8"*

pageEncoding=*"UTF-8"*%>

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

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

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

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

<!DOCTYPE html>

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<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=*"root123"* />

<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=UTF-8"*

pageEncoding=*"UTF-8"*%>

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

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

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

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

<!DOCTYPE html>

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<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=*"root123"* />

<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=UTF-8"*

pageEncoding=*"UTF-8"*%>

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

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<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=UTF-8"*

pageEncoding=*"UTF-8"*%>

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

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<title>User Login</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>

# //Registration.jsp

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

pageEncoding=*"UTF-8"*%>

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

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<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=UTF-8"*

pageEncoding=*"UTF-8"*%>

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

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

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

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

<!DOCTYPE html>

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<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=UTF-8"*

pageEncoding=*"UTF-8"*%>

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

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

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

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

<!DOCTYPE html>

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<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=*"root123"*

/>

<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=UTF-8"*

pageEncoding=*"UTF-8"* %>

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

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<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=UTF-8"*

pageEncoding=*"UTF-8"*%>

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

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

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

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

<!DOCTYPE html>

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<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=*"root123"* />

<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>

</p>

<p>

</p>

<p>

</p>

<p>

</p>

<p>

Address:

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

Landmark:

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

Time Schedule:

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

Person In-Charge:

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

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>