RAILWAY CROSSING STATUS

SOURCE CODE

//AddToFavorite

```java
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;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.SQLException;
@WebServlet("/AddToFavorite")
public class AddToFavorite extends HttpServlet {
protected void doPost(HttpServletRequest request, HttpServletResponse
response)
throws ServletException, IOException {
String itemId = request.getParameter("itemId");
// 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://127.0.0.1:3306/db1", "root", "Vaishnavi@123");
// 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();
}
}
}
```

//AdminLogin

```java
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
```

RAILWAY CROSSING STATUS

SOURCE CODE

```java
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://127.0.0.1:3306/db1","Vaishnavi@123");
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=login.jsp>Try Again</a>");
}
}catch (ClassNotFoundException e) {
e.printStackTrace();
} catch (SQLException e) {
// TODO Auto-generated catch block
e.printStackTrace();
}
}
}
```

//login.java

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

RAILWAY CROSSING STATUS

SOURCE CODE

```java
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://127.0.0.1:3306/db1","root","Vaishnavi@123");
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;
```

RAILWAY CROSSING STATUS

SOURCE CODE
```
}
}
```

//Member.java

```java
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;
}
}
```

// RailCross
```java
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;
```

RAILWAY CROSSING STATUS

SOURCE CODE

```java
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
import java.io.IOException;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.SQLException;
```

RAILWAY CROSSING STATUS

SOURCE CODE

```java
import java.sql.Time;
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://127.0.0.1:3306/db1";
private String dbUsername = "root";
private String dbPassword = "Vaishnavi@123";
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.getWriter().print(result);
}
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();
}
```

RAILWAY CROSSING STATUS

SOURCE CODE
}
}

// Register.java

```java
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);
}
}
```

RAILWAY CROSSING STATUS

SOURCE CODE
// RegisterDao

```java
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.SQLException;
public class RegisterDao {
private String dbUrl = "jdbc:mysql://127.0.0.1:3306/db1";
private String dbUname = "root";
private String dbPassword = "Vaishnavi@123";
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.getPassword());
ps.setString(3, member.getEmail());
ps.executeUpdate();
} catch (SQLException e) {
// TODO Auto-generated catch block
e.printStackTrace();
result = "Data not entered";
}
return result;
}
}
```

RAILWAY CROSSING STATUS

SOURCE CODE

// addrail.jsp

```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">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>Add Railway Crossing</title>
</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>
```

RAILWAY CROSSING STATUS

SOURCE CODE

// **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" prefix = "c"%>
<%@ taglib uri="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>Admin Home</h2>
<a href="adminhome.jsp">Home</a><br>
<a href="addrail.jsp">Add Railway Crossing</a><br>
<a href="search.jsp">Search Crossing</a><br><br>
<sql:setDataSource var = "snapshot" driver = "com.mysql.jdbc.Driver"
url = " jdbc:mysql://127.0.0.1:3306/db1
user = "root" password = "Vaishnavi@123"/>
<sql:query dataSource="${snapshot}" var="result">
SELECT * from adminhome;
</sql:query>
<table border="1" width="100%">
<tr>
<th>Sr.No</th>
<th>Name</th>
<th>Address</th>
<th>Landmark</th>
<th>Time Schedule</th>
<th>Person In-Charge</th>
<th>Status</th>
<th>Action</th>
</tr>
<c:forEach var="row" items="${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>
<td>
<!-- Action buttons for each row -->
<form action="update.jsp" method="GET">
```

RAILWAY CROSSING STATUS

SOURCE CODE

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


<input type="submit" value="Update" />
</form>
<form action="delete.jsp" method="POST">
<input type="hidden" name="id" value="${row.id}" />
<input type="submit" value="Delete" />
</form>
</td>
</tr>
</c:forEach>
</table>
</body>
</html>
```

// adminlogin

```
<%@ 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">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>User Login</title>
</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><br>Don't have
an account?<a href="Registration.jsp">Sign In</a></td></tr>
</table>
</form>
</div>
</body>
</html>
```

//delete.jsp

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

RAILWAY CROSSING STATUS

SOURCE CODE

```jsp
<%@ page import="java.io.,java.util.,java.sql.*"%>
<%@ page import="javax.servlet.http.,javax.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 http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>Delete Record</title>
</head>
<body>
<h2>Delete Record</h2>
<sql:setDataSource var="snapshot" driver="com.mysql.jdbc.Driver"
url=" jdbc:mysql://127.0.0.1:3306/db1" user="root" password="Vaishnavi@123"
/>
<c:if test="${not empty param.id}">
<sql:query dataSource="${snapshot}" var="result">
SELECT * FROM adminhome WHERE id = ?
<sql:param value="${param.id}" />
</sql:query>
<c:if test="${not empty result.rows}">
<c:forEach var="row" items="${result.rows}">
<form action="deleteProcess.jsp" method="POST">
<input type="hidden" name="id" value="${row.id}" />
<label for="id">Record Sr.No:</label>
<input type="text" id="id" name="id" value="${row.id}" required><br><br>
<input type="submit" value="Confirm Delete">
</form>
</c:forEach>
</c:if>
</c:if>
</body>
</html>
```

// favorite.jsp

```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" prefix="c"%>
<%@ taglib uri="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 Crossing</title>
</head>
<body>
```

RAILWAY CROSSING STATUS

SOURCE CODE

```
<h2>Favorite Crossing</h2>
<a href="userhome.jsp">Home</a><br>
<a href="search.jsp">Search Crossing</a><br><br>
<sql:setDataSource var="snapshot" driver="com.mysql.jdbc.Driver"
url="jdbc:mysql://127.0.0.1:3306/db1" user="root" password="Vaishnavi@123"
/>


<sql:query dataSource="${snapshot}" var="favorites">
SELECT * FROM favorites;
</sql:query>
<c:if test="${not empty favorites.rows}">
<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="favorite" items="${favorites.rows}">
<tr>
<td><c:out value="${favorite.id}" /></td>
<td><c:out value="${favorite.Name}" /></td>
<td><c:out value="${favorite.Address}" /></td>
<td><c:out value="${favorite.Landmark}" /></td>
<td><c:out value="${favorite.Trainschedule}" /></td>
<td><c:out value="${favorite.pname}" /></td>
<td><c:out value="${favorite.status}" /></td>
</tr>
</c:forEach>
</table>
</c:if>
<c:if test="${empty favorites.rows}">
<p>No favorite crossings.</p>
</c:if>
</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">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
```

RAILWAY CROSSING STATUS

SOURCE CODE

```
<title>User Login</title>
</head>
<body>
<div align=center>
<h2>User Login</h2>
<form action="Login" method="POST">
<table>
<tr><td>Email: </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">Go to Register</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">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>Register form</title>
</head>
<body>
<form action="Register" method="post">
<div align=center>
<h3>User Registration</h3>
<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

RAILWAY CROSSING STATUS

SOURCE CODE

```
 <%@ 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" prefix="c" %>
<%@ taglib uri="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

```
 <%@ 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" prefix="c" %>
<%@ taglib uri="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://127.0.0.1:3306/db1" user="root" password="Vaishnavi@123"
/>
<c:set var="keyword" value="${param.keyword}" />
<sql:query dataSource="${snapshot}" var="result">
SELECT * FROM adminhome
WHERE Name LIKE CONCAT('%', ?, '%') OR Address LIKE CONCAT('%', ?, '%')
```

RAILWAY CROSSING STATUS

```
SOURCE CODE
<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"%>
<%@ page import="java.io.,java.util.,java.sql.*"%>
<%@ page import="javax.servlet.http.,javax.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 http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>Update Railway Crossing</title>
</head>
<body>
<h2>Update Railway Crossing</h2>
<sql:setDataSource var="snapshot" driver="com.mysql.jdbc.Driver"
url="jdbc:mysql://127.0.0.1:3306/db1" user="root" password="Vaishnavi@123"
/>
<c:if test="${not empty param.id}">
<sql:query dataSource="${snapshot}" var="result">
SELECT * FROM adminhome WHERE id = ?
```

RAILWAY CROSSING STATUS

SOURCE CODE

```
<sql:param value="${param.id}" />
</sql:query>
<c:if test="${not empty result.rows}">
<c:forEach var="row" items="${result.rows}">
<form action="updateProcess.jsp" method="POST">
<input type="hidden" name="id" value="${row.id}" />
<table>
<tr>
<td>Name:</td>
<td><input type="text" name="Name" value="${row.Name}" required></td>


</tr>
<tr>


<td>Address:</td>
<td><input type="text" name="Address" value="${row.Address}" required></td>
</tr>
<tr>
<td>Landmark:</td>
<td><input type="text" name="Landmark" value="${row.Landmark}"
required></td>
</tr>
<tr>
<td>Time Schedule:</td>
<td><input type="time" name="Trainschedule" value="${row.Trainschedule}"
required></td>
</tr>
<tr>
<td>Person In-Charge:</td>
<td><input type="text" name="pname" value="${row.pname}" required></td>
</tr>
<tr>
<td>Status:</td>
<td>
<input type="radio" name="status" value="open" ${row.status == 'open' ?
'checked' : ''} required> Open
<input type="radio" name="status" value="closed" ${row.status == 'closed' ?
'checked' : ''} required> Closed
</td>
</tr>
<tr>
<td><input type="submit" value="Update Crossing"></td>
</tr>
</table>
</form>
</c:forEach>
</c:if>
</c:if>
</body>
</html>
```

RAILWAY CROSSING STATUS

SOURCE CODE

// **updateProcess.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" prefix="c"%>
<%@ taglib uri="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>Update Crossing Process</title>


</head>
<body>
<h2>Update Crossing Process</h2>
<sql:setDataSource var="snapshot" driver="com.mysql.jdbc.Driver"
url="jdbc:mysql://127.0.0.1:3306/db1" user="root" password="Vaishnavi@123"
/>
<c:if test="${not empty param.id}">
<sql:update dataSource="${snapshot}">
UPDATE adminhome SET Name=?, Address=?, Landmark=?, Trainschedule=?,
pname=?, status=?
WHERE id=?
<sql:param value="${param.Name}" />
<sql:param value="${param.Address}" />
<sql:param value="${param.Landmark}" />
<sql:param value="${param.Trainschedule}" />
<sql:param value="${param.pname}" />
<sql:param value="${param.status}" />
<sql:param value="${param.id}" />
</sql:update>
<p>Update successful!</p>
</c:if>
<a href="adminhome.jsp">Back to Admin Home</a>
</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."%>
```

RAILWAY CROSSING STATUS

SOURCE CODE

```jsp
<%@ 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 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;
}
</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://127.0.0.1:3306/db1" user="root" password="Vaishnavi@123"
/>
<sql:query dataSource="${snapshot}" var="result">
SELECT * FROM adminhome;
</sql:query>
<c:forEach var="row" items="${result.rows}">
<div>
<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="${row.pname}" /></p>
<p>Status: <c:out value="${row.status}" /></p>
<form action="AddToFavorite" method="POST">
<input type="hidden" name="itemId" value="${row.id}" />
<input type="submit" value="Add to Favorite" />
</form>
</div>
<hr />
</c:forEach>
<a class="link" href="login.jsp">Logot</a>
</body>
</html>
```

RAILWAY CROSSING STATUS

SOURCE CODE

//database

create database railway;
use railway;

CREATE TABLE user(

uname VARCHAR(45) NOT NULL,

email VARCHAR(45) NOT NULL,

password VARCHAR(45) NOT NULL,

PRIMARY KEY (uname));

CREATE TABLE admin (

uname VARCHAR(45) NOT NULL,

password VARCHAR(45) NOT NULL,

PRIMARY KEY (uname));

insert into admin values ('Admin', '12345');

CREATE TABLE railway. adminhome(

id INT NOT NULL auto_increment , Name VARCHAR(45) NOT NULL,

Address VARCHAR(45) NOT NULL,

Landmark VARCHAR(45) NOT NULL, Trainschedule TIME NOT NULL,

pname VARCHAR(45) NOT NULL,

status VARCHAR(45) NOT NULL,

UNIQUE INDEX id_Unique (id ASC) VISIBLE,

PRIMARY KEY(id));

CREATE TABLE favorites (Address VARCHAR(255),

id INT PRIMARY KEY,

Name VARCHAR(255),

Landmark VARCHAR(255),

RAILWAY CROSSING STATUS

SOURCE CODE

Trainschedule VARCHAR(255), pname VARCHAR(255),

status VARCHAR(255));