

Railway Crossing Status

Source Code:

AddToFavController.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 org.hibernate.Session;
import org.hibernate.SessionFactory;

@WebServlet("/AddToFavController")
public class AddToFavController extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        String crossingName = request.getParameter("crossingName");
        String crossingStatus = request.getParameter("crossingStatus");
        String personInCharge = request.getParameter("personInCharge");
        String trainSchedule = request.getParameter("trainSchedule");
        String landmark = request.getParameter("landmark");
        String address = request.getParameter("address");
        AddFavCrossing afc = new AddFavCrossing();
        afc.setcName(crossingName);
        afc.setStatus(crossingStatus);
        afc.setpName(personInCharge);
        afc.setTrainSchedule(trainSchedule);
        afc.setLandmark(landmark);
```

```

afc.setAddress(address);
SessionFactory sf = HibDbCon.getSessionFactory();
Session session = sf.openSession();
session.beginTransaction();
session.save(afc);
session.getTransaction().commit();
session.close();
response.sendRedirect("Home.jsp");
}
protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
doGet(request, response);
}}

```

DeleteCrossing.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 org.hibernate.Session;
import org.hibernate.SessionFactory;
import org.hibernate.query.Query;
@WebServlet("/deleteCrossing")
public class DeleteCrossing extends HttpServlet {
protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
String cName = request.getParameter("crossingName");

```

```

SessionFactory sf = HibDbCon.getSessionFactory();
Session session = sf.openSession();
session.beginTransaction();
Query q = session.createQuery("delete from CrossingDetails where cName =:name");
q.setParameter("name", cName);
q.executeUpdate();
session.getTransaction().commit();
response.sendRedirect("AdminHomePage.jsp");
}
protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
doGet(request, response);
}}

```

HibDbCon.java

```

import org.hibernate.SessionFactory;
import org.hibernate.boot.Metadata;
import org.hibernate.boot.MetadataSources;
import org.hibernate.boot.registry.StandardServiceRegistry;
import org.hibernate.boot.registry.StandardServiceRegistryBuilder;
public class HibDbCon {
private static SessionFactory sessionFactory;
static{
StandardServiceRegistry sr = new StandardServiceRegistryBuilder().configure
("hibernate.cfg.xml").build();
Metadata mt = new MetadataSources(sr).getMetadataBuilder().build();
sessionfactory = mt.getSessionFactoryBuilder().build();
}
public static SessionFactory getSessionFactory() {

```

```
return sessionFactory;  
} }
```

HomePage.java

```
import java.io.IOException;  
import java.io.PrintWriter;  
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("/HomePage")  
public class HomePage extends HttpServlet {  
    protected void doGet(HttpServletRequest request, HttpServletResponse response)  
        throws ServletException, IOException {  
        PrintWriter out = response.getWriter();  
        out.println("Welcome to home page");  
        response.sendRedirect("Home.jsp");  
    }  
    protected void doPost(HttpServletRequest request, HttpServletResponse response)  
        throws ServletException, IOException {  
        doGet(request, response);  
    }  
}
```

LoginToHomeFilter.java Saturday, 3 June, 2023, 6:59 pm

```
import java.io.IOException;  
import java.util.List;  
import javax.servlet.Filter;
```

```

import javax.servlet.FilterChain;
import javax.servlet.FilterConfig;
import javax.servlet.ServletException;
import javax.servlet.ServletRequest;
import javax.servlet.ServletResponse;
import javax.servlet.annotation.WebFilter;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpFilter;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import org.hibernate.Query;
import org.hibernate.Session;
import org.hibernate.SessionFactory;
import java.io.IOException;
@WebFilter("/HomePage")
public class LoginToHomeFilter extends HttpFilter implements Filter {
    public LoginToHomeFilter() {
        super();
    }
    public void destroy() {
    }
    public void doFilter(ServletRequest request, ServletResponse response,
        FilterChain chain) throws IOException, ServletException {
        HttpServletRequest req = (HttpServletRequest)request;
        HttpServletResponse res = (HttpServletResponse)response;
        String name = req.getParameter("email");
        String pwd = req.getParameter("password");
        SessionFactory sf = HibDbCon.getSessionFactory();
        Session session = sf.openSession();

```

```

Query<Object[]> q = session.createQuery("select email, password from User");
List<Object[]> resultList = q.getResultList();
boolean found = false;
for (Object[] userCredentials : resultList) {
String email = (String) userCredentials[0];
String password = (String) userCredentials[1];
if (email.equals(name) && password.equals(pwd)) {
found = true;
chain.doFilter(request, response);
break; // Exit the loop since we found a match
}
}

```

LoginToHomeFilter.java

```

}}
if (!found) {
if(name.equalsIgnoreCase("admin123@gmail.com") && pwd.contentEquals
("admin123")) {
res.sendRedirect("AdminHomePage.jsp");
}else {
res.sendRedirect("index.jsp");
}} }
public void init(FilterConfig fConfig) throws ServletException {
} }

```

RegisterNullFilter.java

```

import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.Filter;
import javax.servlet.FilterChain;
import javax.servlet.FilterConfig;
import javax.servlet.ServletException;

```

```

import javax.servlet.ServletException;
import javax.servlet.ServletResponse;
import javax.servlet.annotation.WebFilter;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
@WebFilter("/URegister")
public class RegisterNullFilter implements Filter {
    public void destroy() {
    }

    public void doFilter(ServletRequest request, ServletResponse response,
        FilterChain chain)
        throws IOException, ServletException {
        HttpServletRequest Request = (HttpServletRequest) request;
        HttpServletResponse Response = (HttpServletResponse) response;
        PrintWriter out = Response.getWriter();
        String username = Request.getParameter("username");
        String password = Request.getParameter("password");
        String email = Request.getParameter("email");
        if (username == null || username.isEmpty() || password == null ||
            password.isEmpty() || email == null
            || email.isEmpty()) {
            out.println("<html><body>");
            out.println(username+" ", "+password+", "+email);
            out.println("<h4>Fields cannot be empty..</h4>");
            out.println("<a href='Register.jsp'>Click here to Register</a>");
            out.println("</body></html>");
        } else {
            chain.doFilter(request, response);
        }
    }

    public void init(FilterConfig fConfig) throws ServletException {

```

```
} }
```

RemoveFromFavController.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 org.hibernate.Query;
import org.hibernate.Session;
import org.hibernate.SessionFactory;

@WebServlet("/RemoveFromFavController")
public class RemoveFromFavController extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        String crossingName = request.getParameter("crossingName");
        SessionFactory sf = HibDbCon.getSessionFactory();
        Session session = sf.openSession();
        session.beginTransaction();

        Query<?> q = session.createQuery("DELETE FROM AddFavCrossing WHERE cName = :crossingName");
        q.setParameter("crossingName", crossingName);
        q.executeUpdate();
        session.getTransaction().commit();
        session.close();
        response.sendRedirect("FavCrossings.jsp");
    }
}
```



```

}

protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
// TODO Auto-generated method stub
doGet(request, response);
} }

```

SearchCrossingRetriever.java

```

import java.io.IOException;
import java.io.PrintWriter;
import java.util.List;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
import org.hibernate.Query;
import org.hibernate.Session;
import org.hibernate.SessionFactory;
import com.daoClasses.CrossingDetails;
@WebServlet("/SearchCrossingRetriever")
public class SearchCrossingRetriever extends HttpServlet {
private static final long serialVersionUID = 1L;
protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
PrintWriter out = response.getWriter();
String sName = request.getParameter("searchCrossing");
SessionFactory sf = HibDbCon.getSessionFactory();
Session session = sf.openSession();

```

```

Query<CrossingDetails> query = session.createQuery("from CrossingDetails where cName
like :searchName");
query.setParameter("searchName", "%" + sName + "%");
List<CrossingDetails> crossings = query.getResultList();
HttpSession httpsession = request.getSession();
httpsession.setAttribute("Crossings", crossings);
response.sendRedirect("SearchCrossing.jsp?prop=block");
}
protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
doGet(request, response);
} }

```

UserRegister.java Saturday,

```

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 javax.servlet.http.HttpSession;
import com.daoClasses.User;
import org.hibernate.Session;
import org.hibernate.SessionFactory;
@WebServlet("/URegister")
public class UserRegister extends HttpServlet {
private static final long serialVersionUID = 1L;
protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {

```

```

String username = request.getParameter("username");
String password = request.getParameter("password");
String email = request.getParameter("email");
User userDetails = new User();
userDetails.setUname(username);
userDetails.setPassword(password);
userDetails.setEmail(email);
//System.out.println(username+"; "+password+": "+email);
SessionFactory sf = HibDbCon.getSessionFactory();
Session session = sf.openSession();
session.beginTransaction();
session.save(userDetails);
session.getTransaction().commit();
session.close();
// HttpSession httpSession = request.getSession();
// httpSession.setAttribute("userdetails", userDetails);
response.sendRedirect("LoginPage.jsp");
}
protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
doGet(request, response);
}}

```

AddFavCrossing.java

```

package com.daoClasses;
import javax.persistence.Column;
import javax.persistence.Entity;
import javax.persistence.Id;
import javax.persistence.Table;

```

```
@Entity
@Table(name="favcrossings")
public class AddFavCrossing {
    @Id
    @Column(name="crossing_name")
    private String cName;
    @Column(name="crossing_status")
    private String status;
    @Column(name="person_name")
    private String pName;
    @Column(name="train_schedule")
    private String trainSchedule;
    @Column(name="landmark")
    private String landmark;
    @Column(name="address")
    private String address;
    public String getcName() {
        return cName;
    }
    public void setcName(String cName) {
        this.cName = cName;
    }
    public String getpName() {
        return pName;
    }
    public void setpName(String pName) {
        this.pName = pName;
    }
    public String getTrainSchedule() {
        return trainSchedule;
    }
```

```

    }

    public void setTrainSchedule(String trainSchedule2) {
this.trainSchedule = trainSchedule2;
    }

    public String getLandmark() {
return landmark;
    }

    public void setLandmark(String landmark) {
this.landmark = landmark;
    }

    public String getAddress() {
return address;
    }

```

AddFavCrossing.java

```

    public void setAddress(String address) {
this.address = address;
    }

    public String getStatus() {
return status;
    }

    public void setStatus(String status) {
this.status = status;
    } }

```

CrossingDetails.java

```

package com.daoClasses;

import javax.persistence.Column;

```

```
import javax.persistence.Entity;
import javax.persistence.Id;

@Entity
public class CrossingDetails {

    @Id
    @Column(name="crossing_name")
    private String cName;

    @Column(name="crossing_status")
    private String status;

    @Column(name="person_name")
    private String pName;

    @Column(name="train_schedule")
    private String trainSchedule;

    @Column(name="landmark")
    private String landmark;

    @Column(name="address")
    private String address;

    public String getcName() {
        return cName;
    }

    public void setcName(String cName) {
        this.cName = cName;
    }

    public String getpName() {
        return pName;
    }

    public void setpName(String pName) {
        this.pName = pName;
    }

    public String getTrainSchedule() {
```

```
return trainSchedule;
}

public void setTrainSchedule(String trainSchedule2) {
this.trainSchedule = trainSchedule2;
}

public String getLandmark() {
return landmark;
}

public void setLandmark(String landmark) {
this.landmark = landmark;
}

public String getAddress() {
return address;
}
}
```

CrossingDetails.java

```
public void setAddress(String address) {
this.address = address;
}

public String getStatus() {
return status;
}

public void setStatus(String status) {
this.status = status;
} }
}
```

User.java

```
package com.daoClasses;

import javax.persistence.Column;
```

```
import javax.persistence.Entity;
import javax.persistence.Id;

@Entity
public class User {

    @Id
    @Column(name="email")
    private String email;

    @Column(name="username")
    private String uname;

    @Column(name="password")
    private String password;

    public String getEmail() {
        return email;
    }

    public void setEmail(String email) {
        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;
    }
}
```


hibernate.cfg.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE hibernate-configuration PUBLIC
"-//Hibernate/Hibernate Configuration DTD 3.0//EN"
"http://www.hibernate.org/dtd/hibernate-configuration-3.0.dtd">
<hibernate-configuration>
<session-factory>
<property
name="hibernate.connection.driver_class">com.mysql.cj.jdbc.Driver</property>
<property name="hibernate.connection.password">Nodan7253@?</property>
<property
name="hibernate.connection.url">jdbc:mysql://localhost:3306/railwaycrossingdb</prop
erty>
<property name="hibernate.connection.username">root</property>
<property
name="hibernate.dialect">org.hibernate.dialect.MySQL8Dialect</property>
<property name="hbm2ddl.auto">update</property>
<mapping class="com.daoClasses.User"/>
<mapping class="com.daoClasses.CrossingDetails"/>
<mapping class="com.daoClasses.AddFavCrossing"/>
</session-factory>
</hibernate-configuration>
```

AdminHomePage.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>
```

```
#header{
```

```
display:flex;
```

```
justify-content:space-between;
```

```
align-items:center;
```

```
}
```

```
span{
```

```
font-size:10px;
```

```
}
```

```
button{
```

```
height:14px;
```

```
display:flex;
```

```
justify-content:center;
```

```
align-items:center;
```

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

```
border:none;
```

```
}
```

```
.AdminHomeControls{
```

```
display:flex;
```

```
}
```

```
.AdminHomeControls button{
```

```
margin-right:15px;
```

```
}
```

```
#tableContainer{
```

```

margin: 10px;
}
th, td {
padding: 8px;
text-align: left;
border-bottom: 1px solid gray;
}
</style>
</head>
<body>
<div id="header">
<h3>Admi Home Page</h3>
<button id="logoutButton"><span>Logout</span></button>
</div>
<div class="AdminHomeControls">
<button id="adminHome"><span>Home</span></button>
<button id="addCrossing"><span>Add Railway Crossings</span></button>
</div>
<%@ taglib prefix="sql" uri="http://java.sun.com/jsp/jstl/sql" %>
<%@ page import="java.sql.*" %>
<sql:setDataSource var="dataSource" driver="com.mysql.cj.jdbc.Driver"
AdminHomePage.jsp
url="jdbc:mysql://localhost:3306/railwaycrossingdb" user="root"
password="Ammanana@789" />
<sql:query dataSource="${dataSource}" var="result">
select * from crossingdetails
</sql:query>
<%int count=0; %>
<div id="tableContainer">
<table>

```

```

<tr>
<th>Sr.No</th>
<th>Name</th>
<th>Address</th>
<th>Landmark</th>
<th>Train Schedule</th>
<th>Person In Charge</th>
<th>Action</th>
</tr>
<c:forEach var="row" items="{result.rows}">
<tr>
<td><%=++count%></td>
<td>${row.crossing_name}</td>
<td>${row.address}</td>
<td>${row.landmark}</td>
<td>${row.train_schedule}</td>
<td>${row.person_name}</td>
<td>
<div style="display: flex; flex-direction: row">
<form action="" method="post">
<input type="hidden" name="crossingName"
value="${row.crossing_name}">
<input type="submit" value="Update" id="deleteCrossing">
</form>
<form action="deleteCrossing" method="post">
<input type="hidden" name="crossingName"
value="${row.crossing_name}">
<input type="submit" value="Delete" id="deleteCrossing">
</form>
</div>

```

```

</td>
</tr>
</c:forEach>
</table>
</div>
<script>
const logoutButton = document.getElementById('logoutButton');
logoutButton.addEventListener('click', function() {
window.location.href = 'LogoutPage.jsp';
});
const homeButton = document.getElementById("adminHome");
homeButton.addEventListener('click', function(e) {
window.location.href="AdminHomePage.jsp";
AdminHomePage.jsp Saturday, 3 June, 2023, 7:01 pm
});
const acButton = document.getElementById("addCrossing");
acButton.addEventListener('click', function(e) {
window.location.href="AddRailwayCrossing.jsp";
});
</script>
</body>
</html>

```

FavCrossings.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>
```

```
#header{
```

```
display:flex;
```

```
justify-content:space-between;
```

```
align-items:center;
```

```
}
```

```
span{
```

```
font-size:10px;
```

```
}
```

```
button{
```

```
height:14px;
```

```
display:flex;
```

```
justify-content:center;
```

```
align-items:center;
```

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

```
border:none;
```

```
}
```

```
.Controllers{
```

```
display:flex;
```

```
}
```

```
.Controllers button{
```

```
margin-right:15px;
```

```
}
```

```
#crossingDetails{
```

```
margin-top:20px;
```

```
}
```

```
#crossingDetails p{
```

```
margin:0px;
```

```
padding:8px;
```

```
color:gray;
font-size:small;
}
#crossingDetails h5{
margin:0px;
padding:8px;
font-size:medium;
}
#RemoveFav{
width:120px;
margin:8px;
margin-top:0px;
background-color:white;
color:gray;
font-size:8px;
font-weight:bold;
height:20px;
}
#crossingDetails span{
color:black;
FavCrossings.jsp Saturday, 3 June, 2023, 7:01 pm
font-size:15px;
font-weight:bold;
}
</style>
</head>
<body>
<div id="header">
<h3>Favourite Railway Crossing</h3>
<button id="logoutButton"><span>Logout</span></button>
```

</div>

<div class="Controllers">

<button id="Home">Home</button>

<button id="SearchCrossing">Search Crossings</button>

</div>

<script type="text/javascript">

const searchButton = document.getElementById("SearchCrossing");

searchButton.addEventListener('click', function(){

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

})

</script>

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

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

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

url="jdbc:mysql://localhost:3306/railwaycrossingdb" user="root"

password="Ammanana@789" />

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

select * from favcrossings;

</sql:query>

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

<div id="crossingDetails" style="border: 1px solid gray;">

<h5>"\${row.crossing_name}"</h5>

<p>Crossing status: <span style="color: white; background-color:

\${row.crossing_status == 'open' ? 'green' : 'red'}; padding:2px;

height:7px;">"\${row.crossing_status}"</p>

<p>Person In Charge: "\${row.person_name}"</p>

<p>Train Schedule: "\${row.train_schedule}"</p>

<p>Landmark: "\${row.landmark}"</p>

<p>Address: "\${row.address}"</p>

<form action="RemoveFromFavController" method="post">


```

<input type="hidden" name="crossingName"
value="\${row.crossing_name}">
<input type="submit" value="REMOVE FROM FAVOURITE" id="RemoveFav">
</form>
</div>
</c:forEach>
<script type="text/javascript">
FavCrossings.jsp Saturday, 3 June, 2023, 7:01 pm
const homeButton = document.getElementById("Home");
homeButton.addEventListener('click', function() {
window.location.href="Home.jsp";
});
const logoutButton = document.getElementById("logoutButton");
logoutButton.addEventListener('click', function(){
window.location.href="LogoutPage.jsp";
});
</script>
</body>
</html>

```

Home.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>

```

```
#header{
display:flex;
justify-content:space-between;
align-items:center;
}
span{
font-size:10px;
}
button{
height:14px;
display:flex;
justify-content:center;
align-items:center;
text-align:center;
border:none;
}
.crossing{
display:flex;
}
.crossing button{
margin-right:15px;
}
#crossingDetails{
margin-top:20px;
}
#crossingDetails p{
margin:0px;
padding:8px;
color:gray;
font-size:small;
```

```

}
#crossingDetails h5 {
margin:0px;
padding:8px;
font-size:medium;
}
#AddFav{
width:120px;
margin:8px;
margin-top:0px;
background-color:white;
color:gray;
font-size:8px;
font-weight:bold;
height:20px;
}
#crossingDetails span{
color:black;
font-size:15px;

```

Home.jsp

```

font-weight:bold;
}
</style>
</head>
<body>
<div id="header">
<h3>User HomePage</h3>
<button id="logoutButton"><span>Logout</span></button>

```

```

</div>

<div class="crossing">

<button id="allCrosses"><span>All</span></button>

<button id="favCrosses"><span>Favourite Crossings</span></button>

</div>

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

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

<sql:setDataSource var="dataSource" driver="com.mysql.cj.jdbc.Driver"
url="jdbc:mysql://localhost:3306/railwaycrossingdb" user="root"
password="Ammanana@789" />

<sql:query dataSource="${dataSource}" var="result">
select * from crossingdetails

</sql:query>

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

<div id="crossingDetails" style="border: 1px solid gray;">

<h5>${row.crossing_name}</h5>

<p>Crossing status: <span style="color: white; background-color:
${row.crossing_status == 'open' ? 'green' : 'red'}; padding:2px;
height:7px;">${row.crossing_status}</span></p>

<p>Person In Charge: <span>${row.person_name}</span></p>

<p>Train Schedule: <span>${row.train_schedule}</span></p>

<p>Landmark: <span>${row.landmark}</span></p>

<p>Address: <span>${row.address}</span></p>

<form action="AddToFavController" method="post">

<input type="hidden" name="crossingName" value="${row.crossing_name}">

<input type="hidden" name="crossingStatus"
value="${row.crossing_status}">

<input type="hidden" name="personInCharge" value="${row.person_name}">

<input type="hidden" name="trainSchedule"
value="${row.train_schedule}">

```

```

<input type="hidden" name="landmark" value="${row.landmark}">
<input type="hidden" name="address" value="${row.address}">
<input type="submit" value="ADD TO FAVOURITE" id="AddFav">
</form>
</div>
</c:forEach>
<script>
// Get a reference to the submit button
const submitButton = document.getElementById('logoutButton');

```

Home.jsp

```

// Add a click event listener to the submit button
submitButton.addEventListener('click', function() {
// Redirect to the specific page
window.location.href = 'LogoutPage.jsp';
});
const homeButton = document.getElementById("favCrosses");
homeButton.addEventListener('click', function(e) {
window.location.href="FavCrossings.jsp";
});
</script>
</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>Insert title here</title>

</head>

<body>

<style>

body {

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

}

div {

text-align: center;

}

table th {

text-align: left;

}

table td {

text-align: left;

}

table tr {

margin-bottom: 10px;

}

table td input {

margin-left: 40px;

width: 150px

}

#register {

background-color: lime;
```

```

width:150px;
margin-top:10px;
}
table td span{
font-size:10px;
align-items:center;
justify-content:center;
display:flex;
margin-left:25px;
}
</style>
</head>
</body>
<div>
<form action="URegister" method="post">
<table>
<tr>
<th>Enter name:</th>
</tr>
<tr>
<td><input type="text" id="username" name="username"/></td>

```

index.jsp

```

</tr>
<tr>
<th>Enter Email:</th>
</tr>
<tr>
<td><input type="email" id="email" name="email"/></td>

```

```

</tr>

<tr>

<th>Enter Password:</th>

</tr>

<tr>

<td><input type="password" id="password" name="password"/></td>

</tr>

<tr>

<td><input type="submit" value="Register" id="register"></td>

</tr>

<tr><td><span>Already have account?<a href="LoginPage.jsp">Sign in
here</a></span></td></tr>

</table>

</form>

</div>

</body>

</html>

```

LogoutPage.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>

#logoutSec{

display:flex;

```



```

flex-direction:column;
align-items:center;
justify-content:center;
height: 100vh;
}
#logoutSec .linkText{
font-size:small;
font-weight:bold;
}
</style>
</head>
<body>
<div id="logoutSec">
<h3>Logged Out Successfully.. </h3>
<a href="LoginPage.jsp"><span style="font-style: oblique;"
class="linkText">Click here to Login again</span></a>
</div>
</body>
</html>

```

SearchCrossing.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>

```

```
#header{
display:flex;
justify-content:space-between;
align-items:center;
}
span{
font-size:10px;
}
button{
height:14px;
display:flex;
justify-content:center;
align-items:center;
text-align:center;
border:none;
}
Controllers{
display:flex;
}
Controllers button{
margin-right:15px;
}
#searchContainer p{
margin:0px;
font-size:12px;
padding-top:10px;
padding-bottom:8px;
}
#searchContainer input{
width:200px;
```

```
border:1px solid cyan;
margin-bottom:8px;
}
#searchContainer button{
width:200px;
height:20px;
}
#crossingDetails{
margin-top:20px;
}
#crossingDetails p{
margin:0px;
padding:8px;
color:gray;
font-size:small;
}
#crossingDetails h5{
SearchCrossing.jsp Saturday, 3 June, 2023, 7:03 pm
margin:0px;
padding:8px;
font-size:medium;
}
#AddFav{
width:120px;
margin:8px;
margin-top:0px;
background-color:white;
color:gray;
font-size:8px;
font-weight:bold;
```

```

height:20px;
}
#crossingDetails span{
    color:black;
    font-size:15px;
    font-weight:bold;
}
</style>
</head>
<body>
<div id="header">
<h3>Search Railway Crossing</h3>
<button id="logoutButton"><span>Logout</span></button>
</div>
<div class="Controllers">
<button id="Home"><span>All</span></button>
<button id="favCrossing"><span>Favourite Crossings</span></button>
</div>
<div id="searchContainer">
<form action="SearchCrossingRetriever">
<p>Search Railway Crossing</p>
<input type="search" name="searchCrossing" id="searchCrossing">
<button id="searchButton">Search</button>
</form>
</div>
<%String prop = request.getParameter("prop");
if(prop==null){
    prop="none";
}
%>

```

```

<div id="resultContainer" style="display:<%=prop%>">
<c:forEach var="crossing" items="${Crossings}">
<div id="crossingDetails" style="border: 1px solid gray;">
<h5>${crossing.cName}</h5>
<p>Crossing status: <span style="color: white; background-color:
${crossing.status == 'open' ? 'green' : 'red'}; padding:2px;
height:7px;"> "${crossing.status}"</span></p>
<p>Person In Charge: <span>${crossing.pName}</span></p>
SearchCrossing.jsp
<p>Train Schedule: <span>${crossing.trainSchedule}</span></p>
<p>Landmark: <span>${crossing.landmark}</span></p>
<p>Address: <span>${crossing.address}</span></p>
<form action="AddToFavController" method="post">
<input type="hidden" name="crossingName" value="${crossing.cName}">
<input type="hidden" name="crossingStatus" value="${crossing.status}">
<input type="hidden" name="personInCharge" value="${crossing.pName}">
<input type="hidden" name="trainSchedule"
value="${crossing.trainSchedule}">
<input type="hidden" name="landmark" value="${crossing.landmark}">
<input type="hidden" name="address" value="${crossing.address}">
<input type="submit" value="ADD TO FAVOURITE" id="AddFav">
</form>
</div>
</c:forEach>
</div>
<script>
const logoutButton = document.getElementById('logoutButton');
logoutButton.addEventListener('click', function() {
window.location.href = 'LogoutPage.jsp';
});

```

```
const homeButton = document.getElementById("Home");
homeButton.addEventListener('click', function() {
window.location.href = "Home.jsp";});
const favButton = document.getElementById("favCrossing");
favButton.addEventListener('click', function() {
window.location.href = "FavCrossings.jsp";});
</script>
</body>
</html>
```