**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.ServletRequest;

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</prope

rty>

<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";

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});

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;

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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"><span>Home</span></button>

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

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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>

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</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>

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<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>