Index.jsp

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

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"UTF-8"*>

<**title**>Health Logger</**title**>

<**style**>

.container {

width: *300px*;

border: *1px solid #ccc*;

padding: *20px*;

margin: *0 auto*;

border:*1*;

}

</**style**>

</**head**>

<**body**>

<**div** class=*"container"*>

<**h2**>Welcome To</**h2**>

<**h3**>Doctor Login Page</**h3**>

<**form** action=*"Doctorlogin.jsp"* method=*"post"*>

Name <**input** name=*"name"* id=*"name"* maxlength=*"40"*><**br**>

Password <**input** type=*"password"* name=*"pwd"* id=*"pwd"* maxlength=*"10"*><**br**>

<**button**>Submit</**button**>

</**form**>

</**div**>

</**body**>

</**html**>

DoctorLogin.jsp

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

pageEncoding=*"UTF-8"*%>

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"UTF-8"*>

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

</**head**>

<**body**>

<%

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

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

if (name == null || name.equals("") || pwd == null || pwd.equals("")) {

response.sendRedirect("index.jsp?error=1");

} else {

session.setAttribute("name", name);

response.sendRedirect("dashboard.jsp");

}

%>

</**body**>

</**html**>

Dashboard.jsp

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

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"UTF-8"*>

<**title**>Welcome to Life Care Hospital</**title**>

<**style**>

.box {

border: *1px solid #ccc*;

padding: *20px*;

width: *300px*;

}

.button {

display: *inline-block*;

padding: *10px 20px*;

background-color: *#4CAF50*;

color: *white*;

text-align: *center*;

text-decoration: *none*;

cursor: *pointer*;

border: *none*;

border-radius: *4px*;

}

.button:hover {

background-color: *#45a049*;

}

</**style**>

</**head**>

<**body**>

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

<**h3**>Welcome to Life Care Hospital</**h3**>

<% if (session.getAttribute("name") == null) {

response.sendRedirect("index.jsp?error=1");

} %>

<**b**>Hello Dr <%=session.getAttribute("name")%></**b**>

<**br**>

<**a** href=*"ManagerPatient.jsp"* class=*"button"*>Click here to Manager Patient</**a**><**br**/>

<**a** href=*"ManagerVital.jsp"* class=*"button"*>Click here to Manager Vital</**a**><**br**/>

</**div**>

</**body**>

</**html**>

ManagerPatient

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

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"UTF-8"*>

<**title**>Form</**title**>

<**style**>

.form-box {

border: *1px solid #ccc*;

padding: *20px*;

width: *300px*;

}

.form-box label {

display: *block*;

margin-bottom: *10px*;

}

.form-box input[type="text"] {

width: *100%*;

padding: *5px*;

margin-bottom: *10px*;

}

.form-box input[type="submit"] {

background-color: *#4CAF50*;

color: *white*;

padding: *10px 20px*;

border: *none*;

cursor: *pointer*;

}

.form-box input[type="submit"]:hover {

background-color: *#45a049*;

}

</**style**>

</**head**>

<**body**>

<**h1**>Form to ADD, DELETE, and VIEW</**h1**>

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

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

<**label** for=*"name"*>Enter the Patient Name to view details:</**label**>

<**input** type=*"text"* name=*"name"* id=*"name"*>

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

</**form**>

</**div**>

<**br**/>

<**a** href=*"ViewDetail.jsp"* class=*"button"*>Update Patient</**a**><**br**/>

<**br**>

<**a** href=*"PatientAdd.jsp"* class=*"button"*>Add</**a**><**br**/>

<**br**>

<**a** href=*"PatientDeleted.jsp"* class=*"button"*>Delete</**a**><**br**/>

<**br**>

<**a** href=*"dashboard.jsp"* class=*"button"*>Go back</**a**><**br**/>

<**br**>

<**a** href=*"logingOut.jsp"* class=*"button"*>Log Out</**a**><**br**/>

</**body**>

</**html**>

ADD PATIENT DETAIL

PatientAdd.jsp

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

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"UTF-8"*>

<**title**>Form</**title**>

<**style**>

.form-box {

border: *1px solid #ccc*;

padding: *20px*;

width: *300px*;

}

.form-box label {

display: *block*;

margin-bottom: *10px*;

}

.form-box input[type="text"] {

width: *100%*;

padding: *5px*;

margin-bottom: *10px*;

}

.form-box input[type="submit"] {

background-color: *#4CAF50*;

color: *white*;

padding: *10px 20px*;

border: *none*;

cursor: *pointer*;

}

.form-box input[type="submit"]:hover {

background-color: *#45a049*;

}

</**style**>

</**head**>

<**body**>

<**h1**>Add Patient Record</**h1**>

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

<**form** action=*"patientDetail.jsp"* method=*"post"*>

<**label** for=*"id"*>Enter ID:</**label**>

<**input** type=*"text"* name=*"id"* id=*"id"*>

<**label** for=*"name"*>Enter Name:</**label**>

<**input** type=*"text"* name=*"name"* id=*"name"*>

<**label** for=*"age"*>Enter Age:</**label**>

<**input** type=*"text"* name=*"age"* id=*"age"*>

<**label** for=*"phone\_number"*>Enter Phone Number:</**label**>

<**input** type=*"text"* name=*"phone\_number"* id=*"phone\_number"*>

<**input** type=*"submit"* value=*"Save Record"*>

</**form**>

</**div**>

<**a** href=*"ManagerPatient.jsp"*>Click here to go back</**a**><**br**/>

</**body**>

</**html**>

Patient.java

package com.simpli;

public class Patient {

int id;

String name;

int age;

String phone\_number;

public int getId() {

return id;

}

public void setId(int id) {

this.id = id;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public int getAge() {

return age;

}

public void setAge(int age) {

this.age = age;

}

public String getPhone\_number() {

return phone\_number;

}

public void setPhone\_number(String phone\_number) {

this.phone\_number = phone\_number;

}

*@Override*

public String toString() {

return "Patient [id=" + id + ", name=" + name + ", age=" + age + ", phone\_number=" + phone\_number + "]";

}

}

PatientDEO.java

package com.simpli.dio;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import com.simpli.Patient;

public class PatientDeo {

public int addMethod(Patient p) throws ClassNotFoundException, SQLException {

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

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/health\_logger" , "root","8521535902");

PreparedStatement ps = con.prepareStatement("insert patient(id,name,age,phone\_number) values(?,?,?,?)");

ps.setInt(1,p.getId());

ps.setString(2, p.getName());

ps.setInt(3, p.getAge());

ps.setString(4, p.getPhone\_number());

return 0;

}

}

Patient Detail.jsp

package com.simpli.dio;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import com.simpli.Patient;

public class PatientDeo {

public int addMethod(Patient p) throws ClassNotFoundException, SQLException {

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

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/health\_logger" , "root","8521535902");

PreparedStatement ps = con.prepareStatement("insert patient(id,name,age,phone\_number) values(?,?,?,?)");

ps.setInt(1,p.getId());

ps.setString(2, p.getName());

ps.setInt(3, p.getAge());

ps.setString(4, p.getPhone\_number());

return 0;

}

}

Patient Deleted

PatientDeleted.jsp

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

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"UTF-8"*>

<**title**>Form</**title**>

<**style**>

.box {

border: *1px solid #ccc*;

padding: *20px*;

width: *300px*;

}

.button {

display: *inline-block*;

padding: *10px 20px*;

background-color: *#4CAF50*;

color: *white*;

text-align: *center*;

text-decoration: *none*;

cursor: *pointer*;

border: *none*;

border-radius: *4px*;

}

.button:hover {

background-color: *#45a049*;

}

</**style**>

</**head**>

<**body**>

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

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

<**label** for=*"name"*>Enter the Patient Name to delete:</**label**>

<**input** type=*"text"* name=*"name"* id=*"name"*><**br**/>

<**button** class=*"button"*>Submit</**button**>

</**form**>

<**br**>

<**a** href=*"ManagerPatient.jsp"* class=*"button"*>Go back</**a**>

</**div**>

</**body**>

</**html**>

PatientDeleted.java

package com.simpli;

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.ResultSetMetaData;

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("/PatientDelete")

public class PatientDelete extends HttpServlet {

private static final long serialVersionUID = 1L;

public PatientDelete() {

super();

}

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

// TODO Auto-generated method stub

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

}

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

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

try {

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

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/health\_logger" , "root","8521535902");

PreparedStatement ps = con.prepareStatement("DELETE FROM patient WHERE name = ?");

ps.setString(1, name);

int rowAffected = ps.executeUpdate();

out.print("<tr>");

if (rowAffected >0) {

out.print("Deletion successful");

}

else {

out.println("no record deleted");

}

}catch(Exception e) {

e.printStackTrace(out);

}

}

}

View Patient

ViewPatient.jsp

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

pageEncoding=*"UTF-8"*%>

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

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

<**h3**>Patient List</**h3**>

<**body**>

<**sql:setDataSource** var=*"health\_logger"* driver=*"com.mysql.cj.jdbc.Driver"*

url=*"jdbc:mysql://localhost:3306/health\_logger"* user=*"root"* password=*"8521535902"* />

<**sql:query** dataSource=*"*${health\_logger}*"* sql=*"SELECT \* FROM health\_logger.patient"* var=*"result"*/>

<**table** border=*1*>

<**tr**>

<**th**>Id</**th**>

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

<**th**>AGE</**th**>

<**th**>PHONE\_NUMBER</**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.age}*"*/></**td**>

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

</**tr**>

</**c:forEach**>

</**table**>

<**br**>

<**a** href=*"ManagerPatient.jsp"*>Click here to back</**a**></**br**>

</**body**>

ManagerVital

ManagerVital.jsp

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

pageEncoding=*"UTF-8"*%>

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

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

<**h3**>Vital Information</**h3**>

<**body**>

<**sql:setDataSource** var=*"health\_logger"* driver=*"com.mysql.cj.jdbc.Driver"*

url=*"jdbc:mysql://localhost:3306/health\_logger"* user=*"root"* password=*"8521535902"* />

<**sql:query** dataSource=*"*${health\_logger}*"* sql=*"select p.name,v.\* from patient p inner join vital v on p.id=v.id"* var=*"result"*/>

<**table** border=*1*>

<**tr**>

<**th**>NAME</**th**>

<**th**>Id</**th**>

<**th**>HBP</**th**>

<**th**>LBP</**th**>

<**th**>SPO2</**th**>

</**tr**>

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

<**tr**>

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

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

<**td**>

<**c:set** var=*"hbp"* value=*"*${row.hbp}*"*/>

<**c:choose**>

<**c:when** test=*"*${hbp >= 120 && hbp < 140}*"*>

<**span** style="color: *red*;"><**c:out** value=*"*${hbp}*"*/></**span**>

</**c:when**>

<**c:otherwise**>

<**span** style="color: *black*;"><**c:out** value=*"*${hbp}*"*/></**span**>

</**c:otherwise**>

</**c:choose**>

</**td**>

<**td**>

<**c:set** var=*"lbp"* value=*"*${row.lbp}*"*/>

<**c:choose**>

<**c:when** test=*"*${lbp < 80}*"*>

<**span** style="color: *green*;"><**c:out** value=*"*${lbp}*"*/></**span**>

</**c:when**>

<**c:otherwise**>

<**span** style="color: *black*;"><**c:out** value=*"*${lbp}*"*/></**span**>

</**c:otherwise**>

</**c:choose**>

</**td**>

<**td**>

<**c:set** var=*"spo2"* value=*"*${row.spo2}*"*/>

<**c:choose**>

<**c:when** test=*"*${spo2 >= 40 && spo2 < 55}*"*>

<**span** style="color: *orange*;"><**c:out** value=*"*${spo2}*"*/></**span**>

</**c:when**>

<**c:otherwise**>

<**span** style="color: *black*;"><**c:out** value=*"*${spo2}*"*/></**span**>

</**c:otherwise**>

</**c:choose**>

</**td**>

</**tr**>

</**c:forEach**>

</**body**>

<**a** href=*"dashboard.jsp"*>Click here to back</**a**></**br**>

Log Out

logingOut.jsp

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

pageEncoding=*"UTF-8"*%>

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"UTF-8"*>

<**title**>Session Termination</**title**>

<**style**>

.box {

border: *1px solid #ccc*;

padding: *20px*;

width: *400px*;

margin: *20px auto*;

}

a {

display: *inline-block*;

margin-top: *10px*;

}

</**style**>

</**head**>

<**body**>

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

<%

session.invalidate();

%>

<**b**>Your session has terminated.</**b**><**br**>

<**a** href=*"index.jsp"*>Login again</**a**>

</**div**>

</**body**>

</**html**>