package miniProject1;

import java.io.IOException;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

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;

/\*\*

\* Servlet implementation class loginServlet

\*/

@WebServlet("/LoginServlet")

public class LoginServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

private static final String DB\_URL = "jdbc:mysql://localhost:3306/miniProject1";

private static final String DB\_USER = "root";

private static final String DB\_PASSWORD = "Admin@123";

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public LoginServlet() {

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());

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

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

try {

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

Connection conn = DriverManager.getConnection(DB\_URL, DB\_USER, DB\_PASSWORD);

String query = "SELECT \* FROM doctor WHERE email = ? AND password = ?";

PreparedStatement stmt = conn.prepareStatement(query);

stmt.setString(1, email);

stmt.setString(2, password);

ResultSet rs = stmt.executeQuery();

if (rs.next()) {

HttpSession session = request.getSession();

session.setAttribute("doctorEmail", email);

response.sendRedirect("dashboard.jsp");

} else {

request.setAttribute("error", "Invalid email or password");

request.getRequestDispatcher("login.jsp").forward(request, response);

}

conn.close();

} catch (Exception e) {

e.printStackTrace();

response.getWriter().write("Error Occurred!");

}

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

doGet(request, response);

}

}

package miniProject1; // Added package declaration

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;

@WebServlet("/LogoutServlet")

public class LogoutServlet extends HttpServlet {

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

HttpSession session = request.getSession(false);

if (session != null) {

session.invalidate();

}

response.sendRedirect("login.jsp");

}

}

package miniProject1;

public class Patient {

private int id;

private String name;

private String email;

private String phone;

private int age;

private String diagnosis;

private String remark;

private String gender;

// Constructor

public Patient(int id, String name, String email, String phone, int age, String diagnosis, String remark, String gender) {

this.id = id;

this.name = name;

this.email = email;

this.phone = phone;

this.age = age;

this.diagnosis = diagnosis;

this.remark = remark;

this.gender = gender;

}

// Getters and Setters

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 String getEmail() { return email; }

public void setEmail(String email) { this.email = email; }

public String getPhone() { return phone; }

public void setPhone(String phone) { this.phone = phone; }

public int getAge() { return age; }

public void setAge(int age) { this.age = age; }

public String getDiagnosis() { return diagnosis; }

public void setDiagnosis(String diagnosis) { this.diagnosis = diagnosis; }

public String getRemark() { return remark; }

public void setRemark(String remark) { this.remark = remark; }

public String getGender() { return gender; }

public void setGender(String gender) { this.gender = gender; }

}

package miniProject1;

import java.io.IOException;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.ArrayList;

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 miniProject1.Patient;

@WebServlet("/PatientServlet")

public class PatientServlet extends HttpServlet {

private static final String DB\_URL = "jdbc:mysql://localhost:3306/miniProject1";

private static final String DB\_USER = "root";

private static final String DB\_PASSWORD = "Admin@123";

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

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

if ("list".equals(action)) {

listPatients(request, response);

} else if ("search".equals(action)) {

searchPatients(request, response);

} else if ("edit".equals(action)) {

editPatient(request, response);

} else if ("delete".equals(action)) {

deletePatient(request, response);

}

}

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

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

if ("add".equals(action)) {

addPatient(request, response);

} else if ("update".equals(action)) {

updatePatient(request, response);

}

}

private void listPatients(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

List<Patient> patients = new ArrayList<>();

try {

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

try (Connection conn = DriverManager.getConnection(DB\_URL, DB\_USER, DB\_PASSWORD)) {

String sql = "SELECT \* FROM patients";

try (PreparedStatement stmt = conn.prepareStatement(sql)) {

ResultSet rs = stmt.executeQuery();

while (rs.next()) {

patients.add(new Patient(

rs.getInt("id"),

rs.getString("name"),

rs.getString("email"),

rs.getString("phone"),

rs.getInt("age"),

rs.getString("diagnosis"),

rs.getString("remark"),

rs.getString("gender")

));

}

}

}

} catch (ClassNotFoundException e) {

e.printStackTrace();

request.setAttribute("error", "JDBC Driver not found: " + e.getMessage());

} catch (SQLException e) {

e.printStackTrace();

request.setAttribute("error", "Database error: " + e.getMessage());

}

request.setAttribute("patients", patients);

request.getRequestDispatcher("Patientdetails.jsp").forward(request, response);

}

private void searchPatients(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

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

List<Patient> patients = new ArrayList<>();

try {

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

try (Connection conn = DriverManager.getConnection(DB\_URL, DB\_USER, DB\_PASSWORD)) {

String sql = "SELECT \* FROM patients WHERE name LIKE ?";

try (PreparedStatement stmt = conn.prepareStatement(sql)) {

stmt.setString(1, "%" + query + "%");

ResultSet rs = stmt.executeQuery();

while (rs.next()) {

patients.add(new Patient(

rs.getInt("id"),

rs.getString("name"),

rs.getString("email"),

rs.getString("phone"),

rs.getInt("age"),

rs.getString("diagnosis"),

rs.getString("remark"),

rs.getString("gender")

));

}

}

}

} catch (ClassNotFoundException e) {

e.printStackTrace();

request.setAttribute("error", "JDBC Driver not found: " + e.getMessage());

} catch (SQLException e) {

e.printStackTrace();

request.setAttribute("error", "Database error: " + e.getMessage());

}

request.setAttribute("patients", patients);

request.getRequestDispatcher("Searchpatient.jsp").forward(request, response);

}

private void addPatient(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

try {

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

try (Connection conn = DriverManager.getConnection(DB\_URL, DB\_USER, DB\_PASSWORD)) {

String sql = "INSERT INTO patients (name, email, phone, age, diagnosis, remark, gender) VALUES (?, ?, ?, ?, ?, ?, ?)";

try (PreparedStatement stmt = conn.prepareStatement(sql)) {

stmt.setString(1, request.getParameter("name"));

stmt.setString(2, request.getParameter("email"));

stmt.setString(3, request.getParameter("phone"));

stmt.setInt(4, Integer.parseInt(request.getParameter("age")));

stmt.setString(5, request.getParameter("diagnosis"));

stmt.setString(6, request.getParameter("remark"));

stmt.setString(7, request.getParameter("gender"));

stmt.executeUpdate();

}

}

} catch (ClassNotFoundException e) {

e.printStackTrace();

request.setAttribute("error", "JDBC Driver not found: " + e.getMessage());

} catch (SQLException e) {

e.printStackTrace();

request.setAttribute("error", "Database error: " + e.getMessage());

}

response.sendRedirect("PatientServlet?action=list");

}

private void editPatient(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

int id = Integer.parseInt(request.getParameter("id"));

Patient patient = null;

try {

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

try (Connection conn = DriverManager.getConnection(DB\_URL, DB\_USER, DB\_PASSWORD)) {

String sql = "SELECT \* FROM patients WHERE id = ?";

try (PreparedStatement stmt = conn.prepareStatement(sql)) {

stmt.setInt(1, id);

ResultSet rs = stmt.executeQuery();

if (rs.next()) {

patient = new Patient(

rs.getInt("id"),

rs.getString("name"),

rs.getString("email"),

rs.getString("phone"),

rs.getInt("age"),

rs.getString("diagnosis"),

rs.getString("remark"),

rs.getString("gender")

);

}

}

}

} catch (ClassNotFoundException e) {

e.printStackTrace();

request.setAttribute("error", "JDBC Driver not found: " + e.getMessage());

} catch (SQLException e) {

e.printStackTrace();

request.setAttribute("error", "Database error: " + e.getMessage());

}

request.setAttribute("patient", patient);

request.getRequestDispatcher("updatePatient.jsp").forward(request, response);

}

private void updatePatient(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

try {

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

try (Connection conn = DriverManager.getConnection(DB\_URL, DB\_USER, DB\_PASSWORD)) {

String sql = "UPDATE patients SET name = ?, email = ?, phone = ?, age = ?, diagnosis = ?, remark = ?, gender = ? WHERE id = ?";

try (PreparedStatement stmt = conn.prepareStatement(sql)) {

stmt.setString(1, request.getParameter("name"));

stmt.setString(2, request.getParameter("email"));

stmt.setString(3, request.getParameter("phone"));

stmt.setInt(4, Integer.parseInt(request.getParameter("age")));

stmt.setString(5, request.getParameter("diagnosis"));

stmt.setString(6, request.getParameter("remark"));

stmt.setString(7, request.getParameter("gender"));

stmt.setInt(8, Integer.parseInt(request.getParameter("id")));

stmt.executeUpdate();}

}

} catch (ClassNotFoundException e) {

e.printStackTrace();

request.setAttribute("error", "JDBC Driver not found: " + e.getMessage());

} catch (SQLException e) {

e.printStackTrace();

request.setAttribute("error", "Database error: " + e.getMessage());

}

response.sendRedirect("PatientServlet?action=list");

}

private void deletePatient(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

int id = Integer.parseInt(request.getParameter("id"));

try {

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

try (Connection conn = DriverManager.getConnection(DB\_URL, DB\_USER, DB\_PASSWORD)) {

String sql = "DELETE FROM patients WHERE id = ?";

try (PreparedStatement stmt = conn.prepareStatement(sql)) {

stmt.setInt(1, id);

stmt.executeUpdate();

}

}

} catch (ClassNotFoundException e) {

e.printStackTrace();

request.setAttribute("error", "JDBC Driver not found: " + e.getMessage());

} catch (SQLException e) {

e.printStackTrace();

request.setAttribute("error", "Database error: " + e.getMessage());

}

response.sendRedirect("PatientServlet?action=list");

}

}

package miniProject1;

import java.sql.Timestamp;

public class Vital {

private int id;

private int patientId;

private int bpLow;

private int bpHigh;

private int spo2;

private Timestamp recordedOn;

private String patientName;

private String patientPhone;

// No-argument constructor

public Vital() {

}

// Parameterized constructor

public Vital(int id, int patientId, int bpLow, int bpHigh, int spo2, Timestamp recordedOn, String patientName, String patientPhone) {

this.id = id;

this.patientId = patientId;

this.bpLow = bpLow;

this.bpHigh = bpHigh;

this.spo2 = spo2;

this.recordedOn = recordedOn;

this.patientName = patientName;

this.patientPhone = patientPhone;

}

public int getId() {

return id;

}

public void setId(int id) {

this.id = id;

}

public int getPatientId() {

return patientId;

}

public void setPatientId(int patientId) {

this.patientId = patientId;

}

public int getBpLow() {

return bpLow;

}

public void setBpLow(int bpLow) {

this.bpLow = bpLow;

}

public int getBpHigh() {

return bpHigh;

}

public void setBpHigh(int bpHigh) {

this.bpHigh = bpHigh;

}

public int getSpo2() {

return spo2;

}

public void setSpo2(int spo2) {

this.spo2 = spo2;

}

public Timestamp getRecordedOn() {

return recordedOn;

}

public void setRecordedOn(Timestamp recordedOn) {

this.recordedOn = recordedOn;

}

public String getPatientName() {

return patientName;

}

public void setPatientName(String patientName) {

this.patientName = patientName;

}

public String getPatientPhone() {

return patientPhone;

}

public void setPatientPhone(String patientPhone) {

this.patientPhone = patientPhone;

}

}

package miniProject1;

import java.io.IOException;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.ArrayList;

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 miniProject1.Vital;

@WebServlet("/VitalServlet") public class VitalServlet extends HttpServlet {

private static final String DB\_URL = "jdbc:mysql://localhost:3306/miniProject1";  
//private static final String DB\_URL = "jdbc:mysql://127.0.0.1:3306/healthlogger?useSSL=false&allowPublicKeyRetrieval=true";  
  
private static final String DB\_USER = "root";  
private static final String DB\_PASSWORD = "Admin@123";   
  
@Override  
protected void doGet(HttpServletRequest request, HttpServletResponse response)   
 throws ServletException, IOException {  
 String action = request.getParameter("action");  
 if ("list".equals(action)) {  
 listVitals(request, response);  
 } else if ("delete".equals(action)) {  
 deleteVital(request, response);  
 } else if ("graph".equals(action)) {  
 showGraph(request, response);  
 } else if ("alerts".equals(action)) {  
 showAlerts(request, response);  
 } else if ("export".equals(action)) {  
 exportVitals(request, response);  
 }  
}  
  
@Override  
protected void doPost(HttpServletRequest request, HttpServletResponse response)   
 throws ServletException, IOException {  
 String action = request.getParameter("action");  
 if ("add".equals(action)) {  
 addVitals(request, response);  
 }  
}  
  
private void listVitals(HttpServletRequest request, HttpServletResponse response)   
 throws ServletException, IOException {  
 List<Vital> vitals = new ArrayList<>();  
 try {  
 Class.forName("com.mysql.cj.jdbc.Driver");  
 try (Connection conn = DriverManager.getConnection(DB\_URL, DB\_USER, DB\_PASSWORD)) {  
 String sql = """  
 SELECT v.\*, p.name AS patient\_name, p.phone AS patient\_phone   
 FROM vitals v   
 JOIN patients p ON v.patient\_id = p.id  
 ORDER BY v.recorded\_on DESC """;  
 try (PreparedStatement stmt = conn.prepareStatement(sql)) {  
 ResultSet rs = stmt.executeQuery();  
 while (rs.next()) {  
 Vital vital = new Vital();  
 vital.setId(rs.getInt("id"));  
 vital.setPatientId(rs.getInt("patient\_id"));  
 vital.setPatientName(rs.getString("patient\_name"));  
 vital.setPatientPhone(rs.getString("patient\_phone"));  
 vital.setBpLow(rs.getInt("bp\_low"));  
 vital.setBpHigh(rs.getInt("bp\_high"));  
 vital.setSpo2(rs.getInt("spo2"));  
 vital.setRecordedOn(rs.getTimestamp("recorded\_on"));  
 vitals.add(vital);  
 }  
 }  
 }  
 } catch (ClassNotFoundException e) {  
 e.printStackTrace();  
 request.setAttribute("error", "JDBC Driver not found: " + e.getMessage());  
 } catch (SQLException e) {  
 e.printStackTrace();  
 request.setAttribute("error", "Database error: " + e.getMessage());  
 }  
 request.setAttribute("vitals", vitals);  
 request.getRequestDispatcher("list.jsp").forward(request, response);  
}  
  
private void addVitals(HttpServletRequest request, HttpServletResponse response)   
 throws ServletException, IOException {  
 try {  
 Class.forName("com.mysql.cj.jdbc.Driver");  
 try (Connection conn = DriverManager.getConnection(DB\_URL, DB\_USER, DB\_PASSWORD)) {  
 String sql = "INSERT INTO vitals (patient\_id, bp\_low, bp\_high, spo2, recorded\_on) VALUES (?, ?, ?, ?, NOW())";  
 try (PreparedStatement stmt = conn.prepareStatement(sql)) {  
 stmt.setInt(1, Integer.parseInt(request.getParameter("patient\_id")));  
 stmt.setInt(2, Integer.parseInt(request.getParameter("bp\_low")));  
 stmt.setInt(3, Integer.parseInt(request.getParameter("bp\_high")));  
 stmt.setInt(4, Integer.parseInt(request.getParameter("spo2")));  
 stmt.executeUpdate();  
 }  
 }  
 } catch (ClassNotFoundException e) {  
 e.printStackTrace();  
 request.setAttribute("error", "JDBC Driver not found: " + e.getMessage());  
 } catch (SQLException e) {  
 e.printStackTrace();  
 request.setAttribute("error", "Database error: " + e.getMessage());  
 }  
 response.sendRedirect("VitalServlet?action=list");  
}

**private** **void** deleteVital(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException {

**int** id = Integer.*parseInt*(request.getParameter("id"));

**try** {

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

**try** (Connection conn = DriverManager.*getConnection*(***DB\_URL***, ***DB\_USER***, ***DB\_PASSWORD***)) {

String sql = "DELETE FROM vitals WHERE id = ?";

**try** (PreparedStatement stmt = conn.prepareStatement(sql)) {

stmt.setInt(1, id);

stmt.executeUpdate();

}

}

} **catch** (ClassNotFoundException e) {

e.printStackTrace();

request.setAttribute("error", "JDBC Driver not found: " + e.getMessage());

} **catch** (SQLException e) {

e.printStackTrace();

request.setAttribute("error", "Database error: " + e.getMessage());

}

response.sendRedirect("VitalServlet?action=list");

}

**private** **void** showGraph(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException {

List<Vital> vitals = **new** ArrayList<>();

**try** {

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

**try** (Connection conn = DriverManager.*getConnection*(***DB\_URL***, ***DB\_USER***, ***DB\_PASSWORD***)) {

String sql = """

SELECT v.\*, p.name AS patient\_name, p.phone AS patient\_phone

FROM vitals v

JOIN patients p ON v.patient\_id = p.id

ORDER BY v.recorded\_on DESC

""";

**try** (PreparedStatement stmt = conn.prepareStatement(sql)) {

ResultSet rs = stmt.executeQuery();

**while** (rs.next()) {

Vital vital = **new** Vital();

vital.setId(rs.getInt("id"));

vital.setPatientId(rs.getInt("patient\_id"));

vital.setPatientName(rs.getString("patient\_name"));

vital.setPatientPhone(rs.getString("patient\_phone"));

vital.setBpLow(rs.getInt("bp\_low"));

vital.setBpHigh(rs.getInt("bp\_high"));

vital.setSpo2(rs.getInt("spo2"));

vital.setRecordedOn(rs.getTimestamp("recorded\_on"));

vitals.add(vital);

}

}

}

} **catch** (ClassNotFoundException e) {

e.printStackTrace();

request.setAttribute("error", "JDBC Driver not found: " + e.getMessage());

} **catch** (SQLException e) {

e.printStackTrace();

request.setAttribute("error", "Database error: " + e.getMessage());

}

request.setAttribute("vitals", vitals);

request.getRequestDispatcher("graph.jsp").forward(request, response);

}

**private** **void** showAlerts(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException {

List<Vital> vitals = **new** ArrayList<>();

**try** {

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

**try** (Connection conn = DriverManager.*getConnection*(***DB\_URL***, ***DB\_USER***, ***DB\_PASSWORD***)) {

String sql = """

SELECT v.\*, p.name AS patient\_name, p.phone AS patient\_phone

FROM vitals v

JOIN patients p ON v.patient\_id = p.id

WHERE v.bp\_low < 60 OR v.bp\_high > 140 OR v.spo2 < 90

ORDER BY v.recorded\_on DESC

""";

**try** (PreparedStatement stmt = conn.prepareStatement(sql)) {

ResultSet rs = stmt.executeQuery();

**while** (rs.next()) {

Vital vital = **new** Vital();

vital.setId(rs.getInt("id"));

vital.setPatientId(rs.getInt("patient\_id"));

vital.setPatientName(rs.getString("patient\_name"));

vital.setPatientPhone(rs.getString("patient\_phone"));

vital.setBpLow(rs.getInt("bp\_low"));

vital.setBpHigh(rs.getInt("bp\_high"));

vital.setSpo2(rs.getInt("spo2"));

vital.setRecordedOn(rs.getTimestamp("recorded\_on"));

vitals.add(vital);

}

}

}

} **catch** (ClassNotFoundException e) {

e.printStackTrace();

request.setAttribute("error", "JDBC Driver not found: " + e.getMessage());

} **catch** (SQLException e) {

e.printStackTrace();

request.setAttribute("error", "Database error: " + e.getMessage());

}

request.setAttribute("vitals", vitals);

request.getRequestDispatcher("Alerts.jsp").forward(request, response);

}

**private** **void** exportVitals(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException {

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

List<Vital> vitals = **new** ArrayList<>();

// Fetch vitals data

**try** {

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

**try** (Connection conn = DriverManager.*getConnection*(***DB\_URL***, ***DB\_USER***, ***DB\_PASSWORD***)) {

String sql = """

SELECT v.\*, p.name AS patient\_name, p.phone AS patient\_phone

FROM vitals v

JOIN patients p ON v.patient\_id = p.id

ORDER BY v.recorded\_on DESC

""";

**try** (PreparedStatement stmt = conn.prepareStatement(sql)) {

ResultSet rs = stmt.executeQuery();

**while** (rs.next()) {

Vital vital = **new** Vital();

vital.setId(rs.getInt("id"));

vital.setPatientId(rs.getInt("patient\_id"));

vital.setPatientName(rs.getString("patient\_name"));

vital.setPatientPhone(rs.getString("patient\_phone"));

vital.setBpLow(rs.getInt("bp\_low"));

vital.setBpHigh(rs.getInt("bp\_high"));

vital.setSpo2(rs.getInt("spo2"));

vital.setRecordedOn(rs.getTimestamp("recorded\_on"));

vitals.add(vital);

}

}

}

} **catch** (ClassNotFoundException | SQLException e) {

e.printStackTrace();

request.setAttribute("error", "Database error: " + e.getMessage());

request.getRequestDispatcher("list.jsp").forward(request, response);

**return**;

}

**if** ("csv".equals(format)) {response.setContentType("text/csv");

response.setHeader("Content-Disposition", "attachment; filename=\"vitals\_export.csv\"");

**try** (java.io.PrintWriter out = response.getWriter()) {

out.println("Sr.No,Name,Phone,BP Low,BP High,SPO2,Recorded On");

**for** (**int** i = 0; i < vitals.size(); i++) {

Vital vital = vitals.get(i);

out.println(

(i + 1) + "," +

vital.getPatientName() + "," +

vital.getPatientPhone() + "," +

vital.getBpLow() + "," +

vital.getBpHigh() + "," +

vital.getSpo2() + ","

);}

} **catch** (Exception e) {

e.printStackTrace();

**throw** **new** ServletException("Error generating CSV", e);

}

} **else** {

request.setAttribute("error", "Invalid export format");

request.getRequestDispatcher("list.jsp").forward(request, response);}

}

}

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

<!DOCTYPE html>

<html lang=*"en"*>

<head>

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

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<title>Health Logger - Add Patient</title>

<link href=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"* rel=*"stylesheet"*>

<style>

**body** {

font-family: *'Lato', sans-serif*; /\* Changed font \*/

background-color: *#f0f8ff*;

display: *flex*;

justify-content: *center*;

align-items: *center*;

height: *100vh*;

margin: *0*;

}

*.container* {

max-width: *450px*;

margin: *60px auto*; /\* Adjusted margin \*/

background-color: *#ffffff*;

padding Adjusted padding \*/

border-radius: *15px*; /\* More rounded corners \*/

box-shadow: *0 0 20px rgba(0,0,0,0.2)*; /\* Darker shadow \*/

}

*.form-group* {

margin-bottom: *20px*; /\* Adjusted margin \*/

}

*.form-group* **label** {

display: *block*;

margin-bottom: *8px*; /\* Adjusted margin \*/

font-size: *18px*; /\* Adjusted font size \*/

color: *#343a40*; /\* Dark grey color \*/

}

*.form-group* **input,** *.form-group* **select** {

width: *100%*;

padding: *10px*; /\* Adjusted padding \*/

border: *1px solid #ced4da*;

border-radius: *8px*; /\* More rounded corners \*/

font-size: *16px*; /\* Adjusted font size \*/

}

*.btn-submit* {

background-color: *#007bff*; /\* Bootstrap blue color \*/

color: *#ffffff*;

padding: *12px*; /\* Adjusted padding \*/

border: *none*;

border-radius: *8px*; /\* More rounded corners \*/

width: *100%*;

font-size: *18px*; /\* Adjusted font size \*/

}

*.btn-submit:hover* {

background-color: *#0056b3*; /\* Darker blue on hover \*/

}

*.navbar* {

background-color: *#f0f8ff*; /\* Light blue background \*/

position: *absolute*;

top: *0*;

width: *100%*;

padding: *10px 0*; /\* Added padding \*/

}

*.logout* {

position: *absolute*;

top: *60px*;

right: *20px*; /\* Adjusted position \*/

}

*.logout* **a** {

color: *#dc3545*;

text-decoration: *none*;

font-size: *18px*; /\* Larger font size \*/

}

*.logout* **a***:hover* {

text-decoration: *underline*;

}

**h2** {

font-size: *36px*; /\* Adjusted font size \*/

color: *#343a40*; /\* Dark grey color \*/

margin-bottom: *20px*; /\* Adjusted margin \*/

}

**p** {

font-size: *20px*; /\* Larger font size \*/

color: *#6c757d*; /\* Medium grey color \*/

}

</style>

</head>

<body>

<%

**if** (session.getAttribute("doctorEmail") == **null**) {

response.sendRedirect("login.jsp");

}

%>

<nav class=*"navbar"*>

<div class=*"logout"*>

<a href=*"LogoutServlet"*>Logout</a>

</div>

</nav>

<div class=*"container"*>

<h2>Health Logger</h2>

<p>Add New Patient</p>

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

<input type=*"hidden"* name=*"action"* value=*"add"*>

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

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

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

</div>

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

<label for=*"email"*>Email</label>

<input type=*"email"* id=*"email"* name=*"email"* required>

</div>

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

<label for=*"phone"*>Phone Number</label>

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

</div>

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

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

<input type=*"number"* id=*"age"* name=*"age"* required>

</div>

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

<label for=*"diagnosis"*>Diagnosis</label>

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

</div>

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

<label for=*"remark"*>Remark</label>

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

</div>

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

<label for=*"gender"*>Gender</label>

<select id=*"gender"* name=*"gender"* required>

<option value=*"Male"*>Male</option>

<option value=*"Female"*>Female</option>

<option value=*"Other"*>Other</option>

</select>

</div>

<button type=*"submit"* class=*"btn btn-submit"*>Submit</button>

</form>

</div>

</body>

</html>

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

<%@ page import=*"java.util.List"* %>

<%@ page import=*"java.util.ArrayList"* %>

<%@ page import=*"miniProject1.Patient"* %>

<!DOCTYPE html>

<html lang=*"en"*>

<head>

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

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<title>Health Logger - Add Vitals</title>

<link href=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"* rel=*"stylesheet"*>

<style>

**body** {

font-family: *'Lato', sans-serif*; /\* Changed font \*/

background-color: *#f0f8ff*; /\* Light blue background \*/

display: *flex*;

justify-content: *center*;

align-items: *center*;

height: *100vh*;

margin: *0*;

}

*.container* {

max-width: *450px*; /\* Increased max-width \*/

margin: *60px auto*; /\* Adjusted margin \*/

background-color: *#ffffff*;

padding: *40px*; /\* Adjusted padding \*/

border-radius: *15px*; /\* More rounded corners \*/

box-shadow: *0 0 20px rgba(0,0,0,0.2)*; /\* Darker shadow \*/

}

*.form-group* {

margin-bottom: *20px*; /\* Adjusted margin \*/

}

*.form-group* **label** {

display: *block*;

margin-bottom: *8px*; /\* Adjusted margin \*/

font-size: *18px*; /\* Adjusted font size \*/

color: *#343a40*; /\* Dark grey color \*/

}

*.form-group* **input,** *.form-group* **select** {

width: *100%*;

padding: *10px*; /\* Adjusted padding \*/

border: *1px solid #ced4da*;

border-radius: *8px*; /\* More rounded corners \*/

font-size: *16px*; /\* Adjusted font size \*/

}

*.btn-submit* {

background-color: *#007bff*; /\* Bootstrap blue color \*/

color: *#ffffff*;

padding: *12px*; /\* Adjusted padding \*/

border: *none*;

border-radius: *8px*; /\* More rounded corners \*/

width: *100%*;

font-size: *18px*; /\* Adjusted font size \*/

}

*.btn-submit:hover* {

background-color: *#0056b3*; /\* Darker blue on hover \*/

}

*.navbar* {

background-color: *#f0f8ff*; /\* Light blue background \*/

position: *absolute*;

top: *0*;

width: *100%*;

padding: *10px 0*; /\* Added padding \*/

}

*.logout* {

position: *absolute*;

top: *60px*;

right: *20px*; /\* Adjusted position \*/

}

*.logout* **a** {

color: *#dc3545*;

text-decoration: *none*;

font-size: *18px*; /\* Larger font size \*/

}

*.logout* **a***:hover* {

text-decoration: *underline*;

}

**h2** {

font-size: *36px*; /\* Adjusted font size \*/

color: *#343a40*; /\* Dark grey color \*/

margin-bottom: *20px*; /\* Adjusted margin \*/

}

**p** {

font-size: *20px*; /\* Larger font size \*/

color: *#6c757d*; /\* Medium grey color \*/

}

*.alert* {

font-size: *16px*; /\* Adjusted font size \*/

}

</style>

</head>

<body>

<%

**if** (session.getAttribute("doctorEmail") == **null**) {

response.sendRedirect("login.jsp");

}

List<Patient> patients = **new** ArrayList<>();

**try** {

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

java.sql.Connection conn = java.sql.DriverManager.getConnection("jdbc:mysql://localhost:3306/miniProject1", "root", "Admin@123");

java.sql.PreparedStatement stmt = conn.prepareStatement("SELECT \* FROM patients");

java.sql.ResultSet rs = stmt.executeQuery();

**while** (rs.next()) {

patients.add(**new** Patient(

rs.getInt("id"),

rs.getString("name"),

rs.getString("email"),

rs.getString("phone"),

rs.getInt("age"),

rs.getString("diagnosis"),

rs.getString("remark"),

rs.getString("gender")

));

}

rs.close();

stmt.close();

conn.close();

} **catch** (Exception e) {

e.printStackTrace();

request.setAttribute("error", "Database error: " + e.getMessage());

}

String selectedPatientId = request.getParameter("patient\_id");

String selectedPatientName = request.getParameter("patient\_name");

%>

<nav class=*"navbar navbar-expand-lg navbar-light bg-light"*>

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

<a class=*"navbar-brand"* href=*"dashboard.jsp"*>Health Logger</a>

<div class=*"navbar-nav"*>

<a class=*"nav-link"* href=*"dashboard.jsp"*>Home</a>

</div>

<div class=*"logout"*>

<a href=*"LogoutServlet"*>Logout</a>

</div>

</div>

</nav>

<div class=*"container"*>

<h2 class=*"text-center mb-4"*>Add Patient's Vitals</h2>

<%

String error = (String) request.getAttribute("error");

**if** (error != **null**) {

%>

<div class=*"alert alert-danger text-center"*><%= error %></div>

<%

}

%>

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

<input type=*"hidden"* name=*"action"* value=*"add"*>

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

<label for=*"patient\_id"*>Select Patient</label>

<select id=*"patient\_id"* name=*"patient\_id"* required>

<%

**for** (Patient patient : patients) {

String selected = patient.getId() == (selectedPatientId != **null** ? Integer.parseInt(selectedPatientId) : -1) ? "selected" : "";

%>

<option value=*"*<%= patient.getId() %>*"* <%= selected %>><%= patient.getName() %></option>

<% } %>

</select>

</div>

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

<label for=*"bp\_low"*>BP Low</label>

<input type=*"number"* id=*"bp\_low"* name=*"bp\_low"* required>

</div>

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

<label for=*"bp\_high"*>BP High</label>

<input type=*"number"* id=*"bp\_high"* name=*"bp\_high"* required>

</div>

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

<label for=*"spo2"*>SPO2</label>

<input type=*"number"* id=*"spo2"* name=*"spo2"* required>

</div>

<button type=*"submit"* class=*"btn btn-submit"*>Submit</button>

</form>

</div>

<script src=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"*></script>

</body>

</html>

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

<%@ page import=*"java.util.List"* %>

<%@ page import=*"miniProject1.Vital"* %>

<!DOCTYPE html>

<html lang=*"en"*>

<head>

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

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<title>Doctor Home Page - Vital Alerts</title>

<link href=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"* rel=*"stylesheet"*>

<style>

**body** {

font-family: *'Lato', sans-serif*; /\* Changed font \*/

background-color: *#f0f8ff*; /\* Light blue background \*/

}

*.container* {

max-width: *1200px*;

margin: *auto*;

background-color: *#ffffff*;

padding: *30px*; /\* Adjusted padding \*/

border-radius: *15px*; /\* More rounded corners \*/

box-shadow: *0 0 20px rgba(0,0,0,0.2)*; /\* Darker shadow \*/

margin-top: *100px*; /\* Adjusted margin \*/

margin-bottom: *40px*;

}

*.table* {

margin-top: *20px*;

}

*.error* {

color: *#dc3545*; /\* Bootstrap red color \*/

margin-bottom: *15px*;

}

*.navbar* {

background-color: *#f0f8ff*; /\* Light blue background \*/

position: *fixed*;

top: *0*;

width: *100%*;

z-index: *1000*;

padding: *10px 0*; /\* Added padding \*/

}

*.logout* {

position: *absolute*;

top: *60px*;

right: *20px*; /\* Adjusted position \*/

}

*.logout* **a** {

color: *#dc3545*;

text-decoration: *none*;

font-size: *18px*; /\* Larger font size \*/

}

*.logout* **a***:hover* {

text-decoration: *underline*;

}

*.banner-buttons* {

margin-left: *auto*;

}

*.banner-buttons* **a** {

margin-left: *10px*;

}

*.abnormal* {

background-color: *#ffcccc*;

color: *#ff0000*;

}

**h2** {

font-size: *36px*; /\* Adjusted font size \*/

color: *#343a40*; /\* Dark grey color \*/

margin-bottom: *20px*; /\* Adjusted margin \*/

}

**h3** {

font-size: *24px*; /\* Adjusted font size \*/

color: *#6c757d*; /\* Medium grey color \*/

}

*.alert* {

font-size: *16px*; /\* Adjusted font size \*/

}

*.table* **th,** *.table* **td** {

font-size: *16px*; /\* Adjusted font size \*/

}

*.btn-sm* {

font-size: *14px*; /\* Adjusted font size \*/

padding: *8px 12px*; /\* Adjusted padding \*/

border-radius: *5px*; /\* More rounded corners \*/

}

</style>

</head>

<body>

<%

**if** (session.getAttribute("doctorEmail") == **null**) {

response.sendRedirect("login.jsp");

}

%>

<nav class=*"navbar navbar-expand-lg navbar-light bg-light"*>

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

<a class=*"navbar-brand"* href=*"dashboard.jsp"*>Health Logger</a>

<div class=*"banner-buttons"*>

<a href=*"PatientServlet?action=list"* class=*"btn btn-primary btn-sm"*>Manage Patients</a>

<div class=*"dropdown d-inline-block"*>

<button class=*"btn btn-secondary btn-sm dropdown-toggle"* type=*"button"* id=*"exportDropdown"* data-bs-toggle=*"dropdown"* aria-expanded=*"false"*>

Export

</button>

<ul class=*"dropdown-menu"* aria-labelledby=*"exportDropdown"*>

<li><a class=*"dropdown-item"* href=*"VitalServlet?action=export&format=pdf"*>PDF</a></li>

<li><a class=*"dropdown-item"* href=*"VitalServlet?action=export&format=excel"*>Excel</a></li>

<li><a class=*"dropdown-item"* href=*"VitalServlet?action=export&format=csv"*>CSV</a></li>

</ul>

</div>

<a href=*"AddVitals.jsp"* class=*"btn btn-success btn-sm"*>Record New Vital</a>

<a href=*"VitalServlet?action=alerts"* class=*"btn btn-warning btn-sm"*>Vital Alerts</a>

<a href=*"VitalServlet?action=graph"* class=*"btn btn-info btn-sm"*>Graph</a>

</div>

<div class=*"logout"*>

<a href=*"LogoutServlet"*>Logout</a>

</div>

</div>

</nav>

<div class=*"container"*>

<h2 class=*"text-center mb-4"*>Doctor Home Page - Vital Alerts</h2>

<%

String error = (String) request.getAttribute("error");

**if** (error != **null**) {

%>

<div class=*"alert alert-danger text-center"*><%= error %></div>

<%

}

%>

<h3>Alerts (<%

List<Vital> vitals = (List<Vital>) request.getAttribute("vitals");

out.print(vitals != **null** ? vitals.size() : 0);

%>)</h3>

<table class=*"table table-striped table-bordered"*>

<thead class=*"table-dark"*>

<tr>

<th>Sr.No</th>

<th>Name</th>

<th>Phone</th>

<th>BP Low</th>

<th>BP High</th>

<th>SPO2</th>

<th>Recorded On</th>

<th>Action</th>

</tr>

</thead>

<tbody>

<%

**if** (vitals != **null**) {

**for** (**int** i = 0; i < vitals.size(); i++) {

Vital vital = vitals.get(i);

%>

<tr>

<td><%= (i + 1) %></td>

<td><%= vital.getPatientName() %></td>

<td><%= vital.getPatientPhone() %></td>

<td class=*"*<%= vital.getBpLow() < 60 ? "abnormal" : "" %>*"*><%= vital.getBpLow() %></td>

<td class=*"*<%= vital.getBpHigh() > 140 ? "abnormal" : "" %>*"*><%= vital.getBpHigh() %></td>

<td class=*"*<%= vital.getSpo2() < 90 ? "abnormal" : "" %>*"*><%= vital.getSpo2() %></td>

<td><%= vital.getRecordedOn() %></td>

<td>

<a href=*"VitalServlet?action=delete&id=*<%= vital.getId() %>*"* class=*"btn btn-sm btn-danger"* onclick="return confirm('Are you sure?')">Delete</a>

</td>

</tr>

<%

}

}

%>

</tbody>

</table>

</div>

<script src=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"*></script>

</body>

</html>

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

import=*"javax.servlet.http.HttpSession"*%>

<!DOCTYPE html>

<html lang=*"en"*>

<head>

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

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1"* />

<title>Health Logger - Dashboard</title>

<link href=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"* rel=*"stylesheet"* />

<style>

/\* Background image with overlay \*/

**body** {

margin: *0*;

height: *100vh*;

font-family: *Arial, sans-serif*;

background:

*linear-gradient(rgba(0, 43, 91, 0.6), rgba(0, 43, 91, 0.6)),*

*url('https://images.unsplash.com/photo-1588776814546-2bc2c88a1c52?auto=format&fit=crop&w=1470&q=80') no-repeat center center fixed*;

background-size: *cover*;

display: *flex*;

justify-content: *center*;

align-items: *center*;

}

*.container* {

background-color: *rgba(255, 255, 255, 0.95)*;

padding: *40px 50px*;

border-radius: *15px*;

box-shadow: *0 12px 30px rgba(0, 0, 0, 0.25)*;

max-width: *520px*;

text-align: *center*;

}

*.header* **h2** {

color: *#002b5b*;

font-weight: *700*;

margin-bottom: *15px*;

font-size: *2.25rem*;

}

*.header* **p** {

font-size: *1.15rem*;

color: *#004080*;

margin-bottom: *30px*;

}

*.nav-links* {

display: *flex*;

flex-direction: *column*;

gap: *18px*;

}

*.nav-links* **a** {

padding: *14px 25px*;

background-color: *#007bff*;

color: *#fff*;

font-weight: *600*;

font-size: *1.1rem*;

border-radius: *8px*;

text-decoration: *none*;

box-shadow: *0 6px 12px rgba(0, 123, 255, 0.4)*;

transition: *background-color 0.3s ease, box-shadow 0.3s ease*;

}

*.nav-links* **a***:hover* {

background-color: *#0056b3*;

box-shadow: *0 8px 16px rgba(0, 86, 179, 0.5)*;

}

/\* Navbar with transparent background \*/

*.navbar* {

position: *absolute*;

top: *0*;

width: *100%*;

padding: *12px 20px*;

background: *transparent*;

display: *flex*;

justify-content: *flex-end*;

z-index: *1000*;

}

*.logout* **a** {

color: *#ff4d4d*;

font-weight: *600*;

font-size: *1rem*;

text-decoration: *none*;

padding: *6px 12px*;

border-radius: *6px*;

background-color: *rgba(255, 77, 77, 0.15)*;

transition: *background-color 0.3s ease*;

}

*.logout* **a***:hover* {

background-color: *rgba(255, 77, 77, 0.35)*;

text-decoration: *underline*;

}

/\* Responsive adjustments \*/

@media (max-width: 576px) {

*.container* {

padding: *30px 25px*;

max-width: *90vw*;

}

*.header* **h2** {

font-size: *1.75rem*;

}

*.nav-links* **a** {

font-size: *1rem*;

padding: *12px 20px*;

}

}

</style>

</head>

<body>

<%

**if** (session.getAttribute("doctorEmail") == **null**) {

response.sendRedirect("login.jsp");

}

%>

<nav class=*"navbar"*>

<div class=*"logout"*>

<a href=*"LogoutServlet"*>Logout</a>

</div>

</nav>

<div class=*"container"*>

<div class=*"header"*>

<h2>Health Logger - Dashboard</h2>

<p>Welcome, <strong><%= session.getAttribute("doctorEmail") %></strong>!</p>

</div>

<div class=*"nav-links"*>

<a href=*"PatientServlet?action=list"*>Manage Patients</a>

<a href=*"VitalServlet?action=list"*>Manage Vitals</a>

</div>

</div>

<script src=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"*></script>

</body>

</html>

<!DOCTYPE html>

<html>

<head>

<title>Health Logger - Doctor Login</title>

<style>

**body** {

text-align: *center*;

font-family: *Arial, sans-serif*;

padding-top: *100px*;

background-color: *#f0f8ff*; /\* Light blue background \*/

}

*.login-button* {

margin-top: *20px*;

font-size: *20px*; /\* Change the size of the button text \*/

padding: *10px 20px*; /\* Adjust the padding for the button \*/

background-color: *#4CAF50*; /\* Green background \*/

color: *white*; /\* White text \*/

border: *none*; /\* Remove border \*/

border-radius: *5px*; /\* Rounded corners \*/

cursor: *pointer*; /\* Pointer cursor on hover \*/

}

*.login-button:hover* {

background-color: *#45a049*; /\* Darker green on hover \*/

}

**h2** {

font-size: *36px*; /\* Change the size of the heading \*/

color: *#00008B*; /\* Dark blue color for the heading \*/

font-weight: *bold*; /\* Make the heading bold \*/

}

</style>

</head>

<body>

<h2>Health Logger</h2>

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

<input type=*"submit"* value=*"Doctor Login"* class=*"login-button"*>

</form>

</body>

</html>

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

<!DOCTYPE html>

<html lang=*"en"*>

<head>

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

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<title>Health Logger</title>

<link href=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"* rel=*"stylesheet"*>

<style>

**body** {

font-family: *'Roboto', sans-serif*; /\* Changed font \*/

background-color: *#e9ecef*; /\* Light grey background \*/

display: *flex*;

justify-content: *center*;

align-items: *center*;

height: *100vh*;

margin: *0*;

}

*.container* {

text-align: *center*;

background-color: *#ffffff*;

padding: *40px*; /\* Increased padding \*/

border-radius: *15px*; /\* More rounded corners \*/

box-shadow: *0 0 15px rgba(0,0,0,0.2)*; /\* Slightly darker shadow \*/

}

*.btn-login* {

background-color: *#28a745*; /\* Green background \*/

color: *#ffffff*;

padding: *12px 25px*; /\* Increased padding \*/

border: *none*;

border-radius: *8px*; /\* More rounded corners \*/

text-decoration: *none*;

font-size: *18px*; /\* Larger font size \*/

}

*.btn-login:hover* {

background-color: *#218838*; /\* Darker green on hover \*/

}

**h1** {

font-size: *48px*; /\* Larger heading \*/

color: *#343a40*; /\* Dark grey color \*/

}

**h3** {

font-size: *24px*; /\* Larger subheading \*/

color: *#6c757d*; /\* Medium grey color \*/

}

</style>

</head>

<body>

<div class=*"container"*>

<h1>Health Logger</h1>

<h3>Hello, Doctor</h3>

<a href=*"login.jsp"* class=*"btn-login mt-4 d-inline-block"*>Doctor Login</a>

</div>

<script src=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"*></script>

</body>

</html>

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

<%@ page import=*"java.util.List"* %>

<%@ page import=*"miniProject1.Vital"* %>

<%@ page import=*"java.text.SimpleDateFormat"* %>

<!DOCTYPE html>

<html lang=*"en"*>

<head>

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

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<title>Doctor Home Page - Vitals Graph</title>

<link href=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"* rel=*"stylesheet"*>

<script src=*"https://cdn.jsdelivr.net/npm/chart.js@3.9.1/dist/chart.min.js"*></script>

<style>

**body** {

font-family: *'Lato', sans-serif*; /\* Changed font \*/

background-color: *#f0f8ff*; /\* Light blue background \*/

}

*.container* {

max-width: *1200px*;

margin: *auto*;

background-color: *#ffffff*;

padding: *30px*; /\* Adjusted padding \*/

border-radius: *15px*; /\* More rounded corners \*/

box-shadow: *0 0 20px rgba(0,0,0,0.2)*; /\* Darker shadow \*/

margin-top: *100px*; /\* Adjusted margin \*/

margin-bottom: *40px*;

}

*.error* {

color: *#dc3545*; /\* Bootstrap red color \*/

margin-bottom: *15px*;

}

*.navbar* {

background-color: *#f0f8ff*; /\* Light blue background \*/

position: *fixed*;

top: *0*;

width: *100%*;

z-index: *1000*;

padding: *10px 0*; /\* Added padding \*/

}

*.logout* {

position: *absolute*;

top: *60px*;

right: *20px*; /\* Adjusted position \*/

}

*.logout* **a** {

color: *#dc3545*;

text-decoration: *none*;

font-size: *18px*;

/\* Larger font size \*/

}

*.logout* **a***:hover* {

text-decoration: *underline*;

}

*.banner-buttons* {

margin-left: *auto*;

}

*.banner-buttons* **a** {

margin-left: *10px*;

}

*#vitalsChart* {

max-height: *400px*;

}

**h2** {

font-size: *36px*; /\* Adjusted font size \*/

color: *#343a40*; /\* Dark grey color \*/

margin-bottom: *20px*; /\* Adjusted margin \*/

}

*.alert* {

font-size: *16px*; /\* Adjusted font size \*/

}

</style>

</head>

<body>

<%

**if** (session.getAttribute("doctorEmail") == **null**) {

response.sendRedirect("login.jsp");

}

%>

<nav class=*"navbar navbar-expand-lg navbar-light bg-light"*>

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

<a class=*"navbar-brand"* href=*"dashboard.jsp"*>Health Logger</a>

<div class=*"banner-buttons"*>

<a href=*"PatientServlet?action=list"* class=*"btn btn-primary btn-sm"*>Manage Patients</a>

<div class=*"dropdown d-inline-block"*>

<button class=*"btn btn-secondary btn-sm dropdown-toggle"* type=*"button"* id=*"exportDropdown"* data-bs-toggle=*"dropdown"* aria-expanded=*"false"*>

Export

</button>

<ul class=*"dropdown-menu"* aria-labelledby=*"exportDropdown"*>

<li><a class=*"dropdown-item"* href=*"VitalServlet?action=export&format=pdf"*>PDF</a></li>

<li><a class=*"dropdown-item"* href=*"VitalServlet?action=export&format=excel"*>Excel</a></li>

<li><a class=*"dropdown-item"* href=*"VitalServlet?action=export&format=csv"*>CSV</a></li>

</ul>

</div>

<a href=*"AddVitals.jsp"* class=*"btn btn-success btn-sm"*>Record New Vital</a>

<a href=*"VitalServlet?action=alerts"* class=*"btn btn-warning btn-sm"*>Vital Alerts</a>

<a href=*"VitalServlet?action=graph"* class=*"btn btn-info btn-sm"*>Graph</a>

</div>

<div class=*"logout"*>

<a href=*"LogoutServlet"*>Logout</a>

</div>

</div>

</nav>

<div class=*"container"*>

<h2 class=*"text-center mb-4"*>Doctor Home Page - Vitals Graph</h2>

<%

String error = (String) request.getAttribute("error");

**if** (error != **null**) {

%>

<div class=*"alert alert-danger text-center"*><%= error %></div>

<%

}

%>

<canvas id=*"vitalsChart"*></canvas>

</div>

<%

List<Vital> vitals = (List<Vital>) request.getAttribute("vitals");

StringBuilder labels = **new** StringBuilder("[");

StringBuilder bpLowData = **new** StringBuilder("[");

StringBuilder bpHighData = **new** StringBuilder("[");

StringBuilder spo2Data = **new** StringBuilder("[");

SimpleDateFormat sdf = **new** SimpleDateFormat("yyyy-MM-dd HH:mm:ss");

**if** (vitals != **null**) {

**for** (**int** i = 0; i < vitals.size(); i++) {

Vital vital = vitals.get(i);

labels.append("\"").append(sdf.format(vital.getRecordedOn())).append("\"");

bpLowData.append(vital.getBpLow());

bpHighData.append(vital.getBpHigh());

spo2Data.append(vital.getSpo2());

**if** (i < vitals.size() - 1) {

labels.append(",");

bpLowData.append(",");

bpHighData.append(",");

spo2Data.append(",");

}

}

}

labels.append("]");

bpLowData.append("]");

bpHighData.append("]");

spo2Data.append("]");

%>

<script>

**const** ctx = document.getElementById('vitalsChart').getContext('2d');

**new** Chart(ctx, {

type: 'line',

data: {

labels: <%= labels.toString() %>,

datasets: [

{

label: 'BP Low',

data: <%= bpLowData.toString() %>,

borderColor: 'violet',

fill: **false**

},

{

label: 'BP High',

data: <%= bpHighData.toString() %>,

borderColor: 'green',

fill: **false**

},

{

label: 'SPO2',

data: <%= spo2Data.toString() %>,

borderColor: 'red',

fill: **false**

}

]

},

options: {

responsive: **true**,

scales: {

x: {

title: {

display: **true**,

text: 'Recorded On'

}

},

y: {

title: {

display: **true**,

text: 'Value'

},

beginAtZero: **true**

}

}}

});

</script>

<script src=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"*></script>

</body>

</html>

<!DOCTYPE html>

<html>

<head>

<title>Health Logger</title>

<style>

**body** {

text-align: *center*;

font-family: *Arial, sans-serif*;

margin-top: *15%*;

}

**h1** {

font-weight: *bold*;

}

*.developer* {

margin: *10px 0*;

font-size: *12px*; /\* reduced font size \*/

color: *gray*;

}

*.login-btn* {

padding: *10px 20px*;

font-size: *16px*;

background-color: *#4681f4*;

border: *none*;

}

*.login-btn:hover* {

background-color: *#ddd*;

}

</style>

</head>

<body>

<h1>Health Logger</h1>

<div class=*"developer"*>Developed by Gayathri</div>

<a href=*"login.jsp"*>

<button type=*"submit"* class=*"login-btn"*>Doctor Login</button>

</a>

</body>

</html>

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

<%@ page import=*"java.util.List"* %>

<%@ page import=*"miniProject1.Vital"* %>

<!DOCTYPE html>

<html lang=*"en"*>

<head>

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

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<title>Doctor Home Page - Vitals Details</title>

<link href=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"* rel=*"stylesheet"*>

<style>

**body** { font-family: *Arial, sans-serif*; background-color: *#f8f9fa*; }

*.container* { max-width: *1200px*; margin: *auto*; background-color: *#fff*; padding: *20px*; border-radius: *10px*; box-shadow: *0 0 10px rgba(0,0,0,0.1)*; margin-top: *80px*; margin-bottom: *40px*; }

*.table* { margin-top: *20px*; }

*.error* { color: *red*; margin-bottom: *15px*; }

*.navbar* { background-color: *#f8f9fa*; position: *fixed*; top: *0*; width: *100%*; z-index: *1000*; }

*.logout* { position: *absolute*; top: *10px*; right: *10px*; }

*.logout* **a** { color: *#dc3545*; text-decoration: *none*; font-size: *16px*; }

*.logout* **a***:hover* { text-decoration: *underline*; }

*.banner-buttons* { margin-left: *auto*; }

*.banner-buttons* **a** { margin-left: *10px*; }

</style>

</head>

<body>

<%

**if** (session.getAttribute("doctorEmail") == **null**) {

response.sendRedirect("login.jsp");

}

%>

<nav class=*"navbar navbar-expand-lg navbar-light bg-light"*>

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

<a class=*"navbar-brand"* href=*"dashboard.jsp"*>Health Logger</a>

<div class=*"banner-buttons"*>

<a href=*"PatientServlet?action=list"* class=*"btn btn-primary btn-sm"*>Manage Patients</a>

<div class=*"dropdown d-inline-block"*>

<button class=*"btn btn-secondary btn-sm dropdown-toggle"* type=*"button"* id=*"exportDropdown"* data-bs-toggle=*"dropdown"* aria-expanded=*"false"*>

Export

</button>

<ul class=*"dropdown-menu"* aria-labelledby=*"exportDropdown"*>

<li><a class=*"dropdown-item"* href=*"VitalServlet?action=export&format=pdf"*>PDF</a></li>

<li><a class=*"dropdown-item"* href=*"VitalServlet?action=export&format=excel"*>Excel</a></li>

<li><a class=*"dropdown-item"* href=*"VitalServlet?action=export&format=csv"*>CSV</a></li>

</ul>

</div>

<a href=*"Addvitals.jsp"* class=*"btn btn-success btn-sm"*>Record New Vital</a>

<a href=*"VitalServlet?action=alerts"* class=*"btn btn-warning btn-sm"*>Vital Alerts</a>

<a href=*"VitalServlet?action=graph"* class=*"btn btn-info btn-sm"*>Graph</a>

<a href=*"LogoutServlet"*>Logout</a>

</div>

<%-- <div class="logout">

<a href="LogoutServlet">Logout</a>

</div>

--%>

</div>

</nav>

<div class=*"container"*>

<h2 class=*"text-center mb-4"*>Doctor Home Page - Vitals Details</h2>

<%

String error = (String) request.getAttribute("error");

**if** (error != **null**) {

%>

<div class=*"alert alert-danger text-center"*><%= error %></div>

<%

}

%>

<h3>Vitals (<%

List<Vital> vitals = (List<Vital>) request.getAttribute("vitals");

out.print(vitals != **null** ? vitals.size() : 0);

%>)</h3>

<table class=*"table table-striped table-bordered"*>

<thead class=*"table-dark"*>

<tr>

<th>Sr.No</th>

<th>Name</th>

<th>Phone</th>

<th>BP Low</th>

<th>BP High</th>

<th>SPO2</th>

<th>Recorded On</th>

<th>Action</th>

</tr>

</thead>

<tbody>

<%

**if** (vitals != **null**) {

**for** (**int** i = 0; i < vitals.size(); i++) {

Vital vital = vitals.get(i);

%>

<tr>

<td><%= (i + 1) %></td>

<td><%= vital.getPatientName() %></td>

<td><%= vital.getPatientPhone() %></td>

<td><%= vital.getBpLow() %></td>

<td><%= vital.getBpHigh() %></td>

<td><%= vital.getSpo2() %></td>

<td><%= vital.getRecordedOn() %></td>

<td>

<a href=*"VitalServlet?action=delete&id=*<%= vital.getId() %>*"* class=*"btn btn-sm btn-danger"* onclick="return confirm('Are you sure?')">Delete</a>

</td>

</tr>

<%

}

}

%>

</tbody>

</table>

</div>

<script src=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"*></script>

</body>

</html>

<!DOCTYPE html>

<html>

<head>

<title>Doctor Login</title>

<style>

**body** {

text-align: *center*;

font-family: *'Roboto', sans-serif*; /\* Changed font \*/

padding-top: *100px*;

background-color: *#f0f8ff*; /\* Light blue background \*/

}

**input** {

margin: *10px*;

padding: *12px*; /\* Increased padding \*/

border: *1px solid #ced4da*; /\* Border color \*/

border-radius: *5px*; /\* Rounded corners \*/

font-size: *16px*; /\* Font size \*/

}

*.login-button* {

background-color: *#28a745*; /\* Green background \*/

color: *white*;

padding: *10px 20px*; /\* Adjusted padding \*/

border: *none*;

border-radius: *5px*; /\* Rounded corners \*/

cursor: *pointer*; /\* Pointer cursor on hover \*/

font-size: *18px*; /\* Font size \*/

}

*.login-button:hover* {

background-color: *#218838*; /\* Darker green on hover \*/

}

**h2** {

font-size: *36px*; /\* Font size \*/

color: *#343a40*; /\* Dark grey color \*/

font-weight: *bold*; /\* Bold text \*/

margin-bottom: *20px*; /\* Margin \*/

}

</style>

</head>

<body>

<h2>Health Logger</h2>

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

<div>

<input type=*"text"* name=*"email"* [placeholder=*"abc@xyz.com*](mailto:placeholder=%22abc@xyz.com)*"* required><br>

<input type=*"password"* name=*"password"* placeholder=*"Enter Password"* required><br>

<input type=*"submit"* value=*"Login"* class=*"login-button"*>

</div>

</form>

<form action=*"dashboard.jsp"* method=*"post"*></form>

</body>

</html>

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

<%@ page import=*"java.util.List"* %>

<%@ page import=*"miniProject1.Patient"* %>

<%

**if** (session.getAttribute("doctorEmail") == **null**) {

response.sendRedirect("login.jsp");

**return**;

}

%>

<!DOCTYPE html>

<html lang=*"en"*>

<head>

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

<title>Doctor Home Page - Patient Details</title>

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<!-- Bootstrap -->

<link href=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"* rel=*"stylesheet"*>

<style>

**body** {

font-family: *'Segoe UI', sans-serif*;

background-color: *#f7f4ff*; /\* Soft lavender \*/

}

*.navbar* {

background-color: *#5e60ce*; /\* Deep violet \*/

color: *white*;

padding: *10px 20px*;

}

*.navbar* *.navbar-brand* {

color: *#ffffff !important*;

font-weight: *bold*;

font-size: *24px*;

}

*.navbar* *.btn-custom* {

background-color: *#4ea8de*;

color: *white*;

border: *none*;

}

*.navbar* *.btn-custom:hover* {

background-color: *#3b8bb7*;

color: *#fff*;

}

*.logout* **a** {

color: *#ff6b6b*;

font-weight: *bold*;

font-size: *18px*;

text-decoration: *none*;

}

*.logout* **a***:hover* {

text-decoration: *underline*;

}

*.container* {

max-width: *1200px*;

margin: *100px auto 40px*;

background-color: *#ffffff*;

padding: *30px*;

border-radius: *15px*;

box-shadow: *0 0 20px rgba(0,0,0,0.1)*;

}

**h2** {

font-size: *32px*;

color: *#3c096c*;

margin-bottom: *25px*;

text-align: *center*;

}

**h3** {

font-size: *22px*;

color: *#5c5f66*;

margin-bottom: *15px*;

}

*.table* **th** {

background-color: *#5e60ce*;

color: *white*;

}

*.btn-info* {

background-color: *#38b000*;

border: *none*;

}

*.btn-info:hover* {

background-color: *#2d8700*;

}

*.btn-primary* {

background-color: *#9d4edd*;

border: *none*;

}

*.btn-primary:hover* {

background-color: *#7b2cbf*;

}

*.btn-danger* {

background-color: *#e5383b*;

border: *none*;

}

*.btn-danger:hover* {

background-color: *#b02a2e*;

}

*.alert-danger* {

background-color: *#ffe6e6*;

color: *#b22222*;

}

</style>

</head>

<body>

<nav class=*"navbar navbar-expand-lg navbar-dark fixed-top"*>

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

<a class=*"navbar-brand"* href=*"dashboard.jsp"*>Health Logger</a>

<div class=*"banner-buttons ms-auto d-flex"*>

<a href=*"Searchpatient.jsp"* class=*"btn btn-custom btn-sm me-2"*>Search Patient</a>

<a href=*"Addpatient.jsp"* class=*"btn btn-custom btn-sm me-2"*>Add Patient</a>

<a href=*"VitalServlet?action=list"* class=*"btn btn-custom btn-sm"*>Manage Vitals</a>

</div>

<div class=*"logout ms-3"*>

<a href=*"LogoutServlet"*>Logout</a>

</div>

</div>

</nav>

<div class=*"container"*>

<h2>Doctor Home Page - Patient Details</h2>

<%

String error = (String) request.getAttribute("error");

**if** (error != **null**) {

%>

<div class=*"alert alert-danger text-center"*><%= error %></div>

<%

}

%>

<h3>Patients (

<%

List<Patient> patients = (List<Patient>) request.getAttribute("patients");

out.print(patients != **null** ? patients.size() : 0);

%>

)</h3>

<table class=*"table table-bordered table-striped"*>

<thead>

<tr>

<th>Sr.No</th>

<th>Name - Age</th>

<th>Email</th>

<th>Phone</th>

<th>Diagnosis</th>

<th>Remark</th>

<th>Gender</th>

<th>Action</th>

</tr>

</thead>

<tbody>

<%

**if** (patients != **null**) {

**for** (**int** i = 0; i < patients.size(); i++) {

Patient patient = patients.get(i);

%>

<tr>

<td><%= (i + 1) %></td>

<td><%= patient.getName() %> - <%= patient.getAge() %></td>

<td><%= patient.getEmail() %></td>

<td><%= patient.getPhone() %></td>

<td><%= patient.getDiagnosis() != **null** ? patient.getDiagnosis() : "N/A" %></td>

<td><%= patient.getRemark() != **null** ? patient.getRemark() : "N/A" %></td>

<td><%= patient.getGender() %></td>

<td>

<a href=*"Addvitals.jsp?patient\_id=*<%= patient.getId() %>*&patient\_name=*<%= patient.getName() %>*"* class=*"btn btn-info btn-sm"*>Manage Vitals</a>

<a href=*"PatientServlet?action=edit&id=*<%= patient.getId() %>*"* class=*"btn btn-primary btn-sm"*>Update</a>

<a href=*"PatientServlet?action=delete&id=*<%= patient.getId() %>*"* class=*"btn btn-danger btn-sm"* onclick="return confirm('Are you sure?')">Delete</a>

</td>

</tr>

<%

}

}

%>

</tbody>

</table>

</div>

<!-- Bootstrap JS -->

<script src=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"*></script>

</body>

</html>

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

<%@ page import=*"java.util.List"* %>

<%@ page import=*"miniProject1.Patient"* %>

<!DOCTYPE html>

<html lang=*"en"*>

<head>

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

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<title>Health Logger - Search Patient</title>

<link href=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"* rel=*"stylesheet"*>

<style>

**body** {

font-family: *'Lato', sans-serif*; /\* Changed font \*/

background-color: *#f0f8ff*; /\* Light blue background \*/

}

*.container* {

max-width: *1200px*;

margin: *auto*;

background-color: *#ffffff*;

padding: *30px*; /\* Adjusted padding \*/

border-radius: *15px*; /\* More rounded corners \*/

box-shadow: *0 0 20px rgba(0,0,0,0.2)*; /\* Darker shadow \*/

margin-top: *80px*; /\* Adjusted margin \*/

margin-bottom: *40px*;

}

*.search-form* {

margin-bottom: *20px*;

}

*.input-group* **input** {

font-size: *16px*; /\* Adjusted font size \*/

padding: *10px*; /\* Adjusted padding \*/

border-radius: *8px*; /\* More rounded corners \*/

}

*.input-group* **button** {

font-size: *16px*; /\* Adjusted font size \*/

padding: *10px 20px*; /\* Adjusted padding \*/

border-radius: *8px*; /\* More rounded corners \*/

}

*.error* {

color: *#dc3545*; /\* Bootstrap red color \*/

margin-bottom: *15px*;

}

*.navbar* {

background-color: *#f0f8ff*; /\* Light blue background \*/

position: *fixed*;

top: *0*;

width: *100%*;

z-index: *1000*;

padding: *10px 0*; /\* Added padding \*/

}

*.logout* {

position: *absolute*;

top: *60px*;

right: *20px*; /\* Adjusted position \*/

}

*.logout* **a** {

color: *#dc3545*;

text-decoration: *none*;

font-size: *18px*; /\* Larger font size \*/

}

*.logout* **a***:hover* {

text-decoration: *underline*;

}

**h2** {

font-size: *36px*; /\* Adjusted font size \*/

color: *#343a40*; /\* Dark grey color \*/

margin-bottom: *20px*; /\* Adjusted margin \*/

}

**h3** {

font-size: *24px*; /\* Adjusted font size \*/

color: *#6c757d*; /\* Medium grey color \*/

}

*.alert* {

font-size: *16px*; /\* Adjusted font size \*/

}

*.table* {

margin-top: *20px*;

}

*.table* **th,** *.table* **td** {

font-size: *16px*; /\* Adjusted font size \*/

}

*.btn-sm* {

font-size: *14px*; /\* Adjusted font size \*/

padding: *8px 12px*; /\* Adjusted padding \*/

border-radius: *5px*; /\* More rounded corners \*/

}

</style>

</head>

<body>

<%

**if** (session.getAttribute("doctorEmail") == **null**) {

response.sendRedirect("login.jsp");

}

%>

<nav class=*"navbar navbar-expand-lg navbar-light bg-light"*>

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

<a class=*"navbar-brand"* href=*"dashboard.jsp"*>Health Logger</a>

<div class=*"navbar-nav"*>

<a class=*"nav-link"* href=*"dashboard.jsp"*>Home</a>

<a class=*"nav-link"* href=*"AddPatient.jsp"*>Add Patient</a>

</div>

<div class=*"logout"*>

<a href=*"LogoutServlet"*>Logout</a>

</div>

</div>

</nav>

<div class=*"container"*>

<h2 class=*"text-center mb-4"*>Search Patient</h2>

<form action=*"PatientServlet"* method=*"get"* class=*"search-form"*>

<input type=*"hidden"* name=*"action"* value=*"search"*>

<div class=*"input-group"*>

<input type=*"text"* name=*"query"* class=*"form-control"* placeholder=*"Search by name..."* required>

<button type=*"submit"* class=*"btn btn-primary"*>Search</button>

</div>

</form>

<%

String error = (String) request.getAttribute("error");

**if** (error != **null**) {

%>

<div class=*"alert alert-danger text-center"*><%= error %></div>

<%

}

%>

<h3>Results (<%

List<Patient> patients = (List<Patient>) request.getAttribute("patients");

out.print(patients != **null** ? patients.size() : 0);

%>)</h3>

<table class=*"table table-striped table-bordered"*>

<thead class=*"table-dark"*>

<tr>

<th>Sr.No</th>

<th>Name</th>

<th>Email</th>

<th>Phone</th>

<th>Age</th>

<th>Diagnosis</th>

<th>Remark</th>

<th>Gender</th>

<th>Actions</th>

</tr>

</thead>

<tbody>

<%

**if** (patients != **null**) {

**for** (**int** i = 0; i < patients.size(); i++) {

Patient patient = patients.get(i);

%>

<tr>

<td><%= (i + 1) %></td>

<td><%= patient.getName() %></td>

<td><%= patient.getEmail() %></td>

<td><%= patient.getPhone() %></td>

<td><%= patient.getAge() %></td>

<td><%= patient.getDiagnosis() != **null** ? patient.getDiagnosis() : "N/A" %></td>

<td><%= patient.getRemark() != **null** ? patient.getRemark() : "N/A" %></td>

<td><%= patient.getGender() %></td>

<td>

<a href=*"PatientServlet?action=edit&id=*<%= patient.getId() %>*"* class=*"btn btn-sm btn-primary"*>Edit</a>

<a href=*"PatientServlet?action=delete&id=*<%= patient.getId() %>*"* class=*"btn btn-sm btn-danger"* onclick="return confirm('Are you sure?')">Delete</a>

</td>

</tr>

<%

}

}

%>

</tbody>

</table>

</div>

<script src=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"*></script>

</body>

</html>

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

<%@ page import=*"miniProject1.Patient"* %>

<!DOCTYPE html>

<html lang=*"en"*>

<head>

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

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<title>Health Logger - Update Patient</title>

<link href=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"* rel=*"stylesheet"*>

<style>

**body** {

font-family: *'Lato', sans-serif*; /\* Changed font \*/

background-color: *#f0f8ff*; /\* Light blue background \*/

display: *flex*;

justify-content: *center*;

align-items: *center*;

height: *100vh*;

margin: *0*;

}

*.container* {

max-width: *450px*; /\* Increased max-width \*/

margin: *60px auto*; /\* Adjusted margin \*/

background-color: *#ffffff*;

padding: *40px*; /\* Adjusted padding \*/

border-radius: *15px*; /\* More rounded corners \*/

box-shadow: *0 0 20px rgba(0,0,0,0.2)*; /\* Darker shadow \*/

}

*.form-group* {

margin-bottom: *20px*; /\* Adjusted margin \*/

}

*.form-group* **label** {

display: *block*;

margin-bottom: *8px*; /\* Adjusted margin \*/

font-size: *18px*; /\* Adjusted font size \*/

color: *#343a40*; /\* Dark grey color \*/

}

*.form-group* **input,** *.form-group* **select** {

width: *100%*;

padding: *10px*; /\* Adjusted padding \*/

border: *1px solid #ced4da*;

border-radius: *8px*; /\* More rounded corners \*/

font-size: *16px*; /\* Adjusted font size \*/

}

*.btn-submit* {

background-color: *#007bff*; /\* Bootstrap blue color \*/

color: *#ffffff*;

padding: *12px*; /\* Adjusted padding \*/

border: *none*;

border-radius: *8px*; /\* More rounded corners \*/

width: *100%*;

font-size: *18px*; /\* Adjusted font size \*/

}

*.btn-submit:hover* {

background-color: *#0056b3*; /\* Darker blue on hover \*/

}

**h2** {

font-size: *36px*; /\* Adjusted font size \*/

color: *#343a40*; /\* Dark grey color \*/

margin-bottom: *20px*; /\* Adjusted margin \*/

}

**p** {

font-size: *20px*; /\* Larger font size \*/

color: *#6c757d*; /\* Medium grey color \*/

}

</style>

</head>

<body>

<%

**if** (session.getAttribute("doctorEmail") == **null**) {

response.sendRedirect("login.jsp");

}

Patient patient = (Patient) request.getAttribute("patient");

%>

<div class=*"container"*>

<h2>Health Logger</h2>

<p>Update Patient Information</p>

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

<input type=*"hidden"* name=*"action"* value=*"update"*>

<input type=*"hidden"* name=*"id"* value=*"*<%= patient.getId() %>*"*>

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

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

<input type=*"text"* id=*"name"* name=*"name"* value=*"*<%= patient.getName() %>*"* required>

</div>

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

<label for=*"email"*>Email</label>

<input type=*"email"* id=*"email"* name=*"email"* value=*"*<%= patient.getEmail() %>*"* required>

</div>

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

<label for=*"phone"*>Phone</label>

<input type=*"text"* id=*"phone"* name=*"phone"* value=*"*<%= patient.getPhone() %>*"* required>

</div>

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

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

<input type=*"number"* id=*"age"* name=*"age"* value=*"*<%= patient.getAge() %>*"* required>

</div>

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

<label for=*"diagnosis"*>Diagnosis</label>

<input type=*"text"* id=*"diagnosis"* name=*"diagnosis"* value=*"*<%= patient.getDiagnosis() %>*"* required>

</div>

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

<label for=*"remark"*>Remark</label>

<input type=*"text"* id=*"remark"* name=*"remark"* value=*"*<%= patient.getRemark() %>*"* required>

</div>

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

<label for=*"gender"*>Gender</label>

<select id=*"gender"* name=*"gender"* required>

<option value=*"male"* <%= "male".equals(patient.getGender()) ? "selected" : "" %>>Male</option>

<option value=*"female"* <%= "female".equals(patient.getGender()) ? "selected" : "" %>>Female</option>

</select>

</div>

<button type=*"submit"* class=*"btn-submit"*>Update</button>

</form>

</div>

<script src=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"*></script>

</body>

</html>

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

<%@ page import=*"java.util.List"* %>

<%@ page import=*"miniProject1.Vital"* %>

<!DOCTYPE html>

<html lang=*"en"*>

<head>

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

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<title>Doctor Home Page - Vital Alerts</title>

<link href=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"* rel=*"stylesheet"*>

<style>

**body** {

font-family: *'Lato', sans-serif*; /\* Changed font \*/

background-color: *#f0f8ff*; /\* Light blue background \*/

}

*.container* {

max-width: *1200px*;

margin: *auto*;

background-color: *#ffffff*;

padding: *30px*; /\* Adjusted padding \*/

border-radius: *15px*; /\* More rounded corners \*/

box-shadow: *0 0 20px rgba(0,0,0,0.2)*; /\* Darker shadow \*/

margin-top: *100px*; /\* Adjusted margin \*/

margin-bottom: *40px*;

}

*.table* {

margin-top: *20px*;

}

*.error* {

color: *#dc3545*; /\* Bootstrap red color \*/

margin-bottom: *15px*;

}

*.navbar* {

background-color: *#f0f8ff*; /\* Light blue background \*/

position: *fixed*;

top: *0*;

width: *100%*;

z-index: *1000*;

padding: *10px 0*; /\* Added padding \*/

}

*.logout* {

position: *absolute*;

top: *60px*;

right: *20px*; /\* Adjusted position \*/

}

*.logout* **a** {

color: *#dc3545*;

text-decoration: *none*;

font-size: *18px*; /\* Larger font size \*/

}

*.logout* **a***:hover* {

text-decoration: *underline*;

}

*.banner-buttons* {

margin-left: *auto*;

}

*.banner-buttons* **a** {

margin-left: *10px*;

}

*.abnormal* {

background-color: *#ffcccc*;

color: *#ff0000*;

}

**h2** {

font-size: *36px*; /\* Adjusted font size \*/

color: *#343a40*; /\* Dark grey color \*/

margin-bottom: *20px*; /\* Adjusted margin \*/

}

**h3** {

font-size: *24px*; /\* Adjusted font size \*/

color: *#6c757d*; /\* Medium grey color \*/

}

*.alert* {

font-size: *16px*; /\* Adjusted font size \*/

}

*.table* **th,** *.table* **td** {

font-size: *16px*; /\* Adjusted font size \*/

}

*.btn-sm* {

font-size: *14px*; /\* Adjusted font size \*/

padding: *8px 12px*; /\* Adjusted padding \*/

border-radius: *5px*; /\* More rounded corners \*/

}

</style>

</head>

<body>

<%

**if** (session.getAttribute("doctorEmail") == **null**) {

response.sendRedirect("login.jsp");

}

%>

<nav class=*"navbar navbar-expand-lg navbar-light bg-light"*>

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

<a class=*"navbar-brand"* href=*"dashboard.jsp"*>Health Logger</a>

<div class=*"banner-buttons"*>

<a href=*"PatientServlet?action=list"* class=*"btn btn-primary btn-sm"*>Manage Patients</a>

<div class=*"dropdown d-inline-block"*>

<button class=*"btn btn-secondary btn-sm dropdown-toggle"* type=*"button"* id=*"exportDropdown"* data-bs-toggle=*"dropdown"* aria-expanded=*"false"*>

Export

</button>

<ul class=*"dropdown-menu"* aria-labelledby=*"exportDropdown"*>

<li><a class=*"dropdown-item"* href=*"VitalServlet?action=export&format=pdf"*>PDF</a></li>

<li><a class=*"dropdown-item"* href=*"VitalServlet?action=export&format=excel"*>Excel</a></li>

<li><a class=*"dropdown-item"* href=*"VitalServlet?action=export&format=csv"*>CSV</a></li>

</ul>

</div>

<a href=*"Addvitals.jsp"* class=*"btn btn-success btn-sm"*>Record New Vital</a>

<a href=*"VitalServlet?action=alerts"* class=*"btn btn-warning btn-sm"*>Vital Alerts</a>

<a href=*"VitalServlet?action=graph"* class=*"btn btn-info btn-sm"*>Graph</a>

</div>

<div class=*"logout"*>

<a href=*"LogoutServlet"*>Logout</a>

</div>

</div>

</nav>

<div class=*"container"*>

<h2 class=*"text-center mb-4"*>Doctor Home Page - Vital Alerts</h2>

<%

String error = (String) request.getAttribute("error");

**if** (error != **null**) {

%>

<div class=*"alert alert-danger text-center"*><%= error %></div>

<%

}

%>

<h3>Alerts (<%

List<Vital> vitals = (List<Vital>) request.getAttribute("vitals");

out.print(vitals != **null** ? vitals.size() : 0);

%>)</h3>

<table class=*"table table-striped table-bordered"*>

<thead class=*"table-dark"*>

<tr>

<th>Sr.No</th>

<th>Name</th>

<th>Phone</th>

<th>BP Low</th>

<th>BP High</th>

<th>SPO2</th>

<th>Recorded On</th>

<th>Action</th>

</tr>

</thead>

<tbody>

<%

**if** (vitals != **null**) {

**for** (**int** i = 0; i < vitals.size(); i++) {

Vital vital = vitals.get(i);

%>

<tr>

<td><%= (i + 1) %></td>

<td><%= vital.getPatientName() %></td>

<td><%= vital.getPatientPhone() %></td>

<td class=*"*<%= vital.getBpLow() < 60 ? "abnormal" : "" %>*"*><%= vital.getBpLow() %></td>

<td class=*"*<%= vital.getBpHigh() > 140 ? "abnormal" : "" %>*"*><%= vital.getBpHigh() %></td>

<td class=*"*<%= vital.getSpo2() < 90 ? "abnormal" : "" %>*"*><%= vital.getSpo2() %></td>

<td><%= vital.getRecordedOn() %>

<td>

<a href=*"VitalServlet?action=delete&id=*<%= vital.getId() %>*"* class=*"btn btn-sm btn-danger"* onclick="return confirm('Are you sure?')">Delete</a>

</td>

</tr>

<%

}

}

%>

</tbody>

</table>

</div>

<script src=*"https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"*></script>

</body>

</html>

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://xmlns.jcp.org/xml/ns/javaee"* xsi:schemaLocation=*"http://xmlns.jcp.org/xml/ns/javaee* [*http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd*](http://xmlns.jcp.org/xml/ns/javaee/web-app_4_0.xsd)*"* id=*"WebApp\_ID"* version=*"4.0"*>

<display-name>MiniProject1</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.jsp</welcome-file>

<welcome-file>default.htm</welcome-file>

</welcome-file-list>

</web-app>