**Project**

<?xml version="1.0" encoding="UTF-8"?>

<projectDescription>

<name>LeanersAcademyProject</name>

<comment></comment>

<projects>

</projects>

<buildSpec>

<buildCommand>

<name>org.eclipse.jdt.core.javabuilder</name>

<arguments>

</arguments>

</buildCommand>

<buildCommand>

<name>org.eclipse.wst.common.project.facet.core.builder</name>

<arguments>

</arguments>

</buildCommand>

<buildCommand>

<name>org.eclipse.wst.validation.validationbuilder</name>

<arguments>

</arguments>

</buildCommand>

</buildSpec>

<natures>

<nature>org.eclipse.jem.workbench.JavaEMFNature</nature>

<nature>org.eclipse.wst.common.modulecore.ModuleCoreNature</nature>

<nature>org.eclipse.wst.common.project.facet.core.nature</nature>

<nature>org.eclipse.jdt.core.javanature</nature>

<nature>org.eclipse.wst.jsdt.core.jsNature</nature>

</natures>

</projectDescription>

**Class Path**

<?xml version="1.0" encoding="UTF-8"?>

<classpath>

<classpathentry kind="con" path="org.eclipse.jdt.launching.JRE\_CONTAINER/org.eclipse.jdt.internal.debug.ui.launcher.StandardVMType/JavaSE-17">

<attributes>

<attribute name="module" value="true"/>

</attributes>

</classpathentry>

<classpathentry kind="src" path="src/main/java"/>

<classpathentry kind="con" path="org.eclipse.jst.server.core.container/org.eclipse.jst.server.tomcat.runtimeTarget/Apache Tomcat v10.0">

<attributes>

<attribute name="owner.project.facets" value="jst.web"/>

</attributes>

</classpathentry>

<classpathentry kind="con" path="org.eclipse.jst.j2ee.internal.web.container"/>

<classpathentry kind="con" path="org.eclipse.jst.j2ee.internal.module.container"/>

<classpathentry kind="output" path="build/classes"/>

</classpath>

**ClassDetails.java**

package com.details;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

//import javax.persistence.SequenceGenerator;

import javax.persistence.Table;

@Entity

@Table(name="Class\_Details")

public class ClassDetails {

@Id

@GeneratedValue(strategy=GenerationType.AUTO)

@Column(name="ClassId")

private int Id;

@Column(name="Class")

private String ClassName;

@Column(name="Section")

private String ClassSection;

@Column(name="Room\_No")

private String ClassRoomNo;

public ClassDetails() {}

public ClassDetails(String className, String classSection, String classRoomNo) {

ClassName = className;

ClassSection = classSection;

ClassRoomNo = classRoomNo;

}

public ClassDetails(int id, String className, String classSection, String classRoomNo) {

super();

Id = id;

ClassName = className;

ClassSection = classSection;

ClassRoomNo = classRoomNo;

}

public int getId() {

return Id;

}

public void setId(int id) {

Id = id;

}

public String getClassName() {

return ClassName;

}

public void setClassName(String className) {

ClassName = className;

}

public String getClassSection() {

return ClassSection;

}

public void setClassSection(String classSection) {

ClassSection = classSection;

}

public String getClassRoomNo() {

return ClassRoomNo;

}

public void setClassRoomNo(String classRoomNo) {

ClassRoomNo = classRoomNo;

}

@Override

public String toString() {

return "ClassDetails [Id=" + Id + ", ClassName=" + ClassName + ", ClassSection=" + ClassSection

+ ", ClassRoomNo=" + ClassRoomNo + "]";

}

}

**StudentDetails.java**

package com.details;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

//import javax.persistence.SequenceGenerator;

import javax.persistence.Table;

@Entity

@Table(name="Student\_Details")

public class StudentDetails {

@Id

@GeneratedValue(strategy=GenerationType.AUTO)

@Column(name="StudentId")

private int Id;

@Column(name="Student\_Name")

private String Name;

@Column(name="Roll\_No")

private String RollNo;

@Column(name="Class")

private String StudentClass;

public StudentDetails() {}

public StudentDetails(String name, String rollNo, String class1) {

Name = name;

RollNo = rollNo;

StudentClass = class1;

}

public StudentDetails(int id, String name, String rollNo, String class1) {

super();

Id = id;

Name = name;

RollNo = rollNo;

StudentClass = class1;

}

public int getId() {

return Id;

}

public void setId(int id) {

Id = id;

}

public String getName() {

return Name;

}

public void setName(String name) {

Name = name;

}

public String getRollNo() {

return RollNo;

}

public void setRollNo(String rollNo) {

RollNo = rollNo;

}

public String getStudentClass() {

return StudentClass;

}

public void setClass(String class1) {

StudentClass = class1;

}

@Override

public String toString() {

return "StudentDetails [Id=" + Id + ", Name=" + Name + ", RollNo=" + RollNo + ", Class=" + StudentClass + "]";

}

}

**SubjectDetails.java**

package com.details;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

//import javax.persistence.SequenceGenerator;

import javax.persistence.Table;

@Entity

@Table(name="Subject\_Details")

public class SubjectDetails {

@Id

@GeneratedValue(strategy=GenerationType.AUTO)

@Column(name="SubjectId")

private int Id;

@Column(name="Subject\_Name")

private String SubjectName;

@Column(name="Subject\_Code")

private String SubjectCode;

@Column(name="Subject\_Teacher")

private String SubjectTeacher;

public SubjectDetails() {}

public SubjectDetails(String subjectName, String subjectCode, String subjectTeacher) {

SubjectName = subjectName;

SubjectCode = subjectCode;

SubjectTeacher = subjectTeacher;

}

public SubjectDetails(int id, String subjectName, String subjectCode, String subjectTeacher) {

super();

Id = id;

SubjectName = subjectName;

SubjectCode = subjectCode;

SubjectTeacher = subjectTeacher;

}

public int getId() {

return Id;

}

public void setId(int id) {

Id = id;

}

public String getSubjectName() {

return SubjectName;

}

public void setSubjectName(String subjectName) {

SubjectName = subjectName;

}

public String getSubjectCode() {

return SubjectCode;

}

public void setSubjectCode(String subjectCode) {

SubjectCode = subjectCode;

}

public String getSubjectTeacher() {

return SubjectTeacher;

}

public void setSubjectTeacher(String subjectTeacher) {

SubjectTeacher = subjectTeacher;

}

@Override

public String toString() {

return "SubjectDetails [Id=" + Id + ", SubjectName=" + SubjectName + ", SubjectCode=" + SubjectCode

+ ", SubjectTeacher=" + SubjectTeacher + "]";

}

}

**TeacherDetails.java**

package com.details;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

//import javax.persistence.SequenceGenerator;

import javax.persistence.Table;

@Entity

@Table(name="Teacher\_Details")

public class TeacherDetails {

@Id

@GeneratedValue(strategy=GenerationType.AUTO)

@Column(name="TeacherId")

private int Id;

@Column(name="Teacher\_Name")

private String Name;

@Column(name="Subject")

private String Subject;

@Column(name="Class")

private String TeacherClass;

public TeacherDetails() {}

public TeacherDetails(String name, String subject, String class1) {

Name = name;

Subject = subject;

TeacherClass = class1;

}

public TeacherDetails(int id, String name, String subject, String class1) {

super();

Id = id;

Name = name;

Subject = subject;

TeacherClass = class1;

}

public int getId() {

return Id;

}

public void setId(int id) {

Id = id;

}

public String getName() {

return Name;

}

public void setName(String name) {

Name = name;

}

public String getSubject() {

return Subject;

}

public void setSubject(String subject) {

Subject = subject;

}

public String getTeacherClass() {

return TeacherClass;

}

public void setTeacherClass(String teacherClass) {

TeacherClass = teacherClass;

}

@Override

public String toString() {

return "TeacherDetails [Id=" + Id + ", Name=" + Name + ", Subject=" + Subject + ", TeacherClass=" + TeacherClass

+ "]";

}

}

**AddClass.java**

**package** com.operations;

**import** jakarta.servlet.ServletException;

**import** jakarta.servlet.annotation.WebServlet;

**import** jakarta.servlet.http.HttpServlet;

**import** jakarta.servlet.http.HttpServletRequest;

**import** jakarta.servlet.http.HttpServletResponse;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** org.hibernate.Session;

**import** org.hibernate.SessionFactory;

**import** org.hibernate.Transaction;

**import** com.details.ClassDetails;

**import** com.util.Util;

@WebServlet("/class")

**public** **class** AddClass **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

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

response.setContentType("text/html");

request.getRequestDispatcher("add-class.html").include(request, response);

}

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

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

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

String roomNo = request.getParameter("roomno");

**try** {

SessionFactory factory = Util.*buildConnection*();

Session session = factory.openSession();

ClassDetails classdetails = **new** ClassDetails(name, section, roomNo);

Transaction tx = session.beginTransaction();

session.save(classdetails);

tx.commit();

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

out.println("<div align='center'><h2 style='color:green'>Class Added Successfully</h2>"

+ "<a href='admin-page.html'>Back To MainMenu</a>"

+ "</div>");

}

session.close();

} **catch** (Exception e) {

out.println("<div align='center'><h2 style='color:red'>Operation Failed</h2>"

+ "<a href='admin-page.html'>Back To MainMenu</a>"

+ "</div>");

}

}

}

**AddStudent.java**

**package** com.operations;

**import** jakarta.servlet.ServletException;

**import** jakarta.servlet.annotation.WebServlet;

**import** jakarta.servlet.http.HttpServlet;

**import** jakarta.servlet.http.HttpServletRequest;

**import** jakarta.servlet.http.HttpServletResponse;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** org.hibernate.Session;

**import** org.hibernate.SessionFactory;

**import** org.hibernate.Transaction;

**import** com.details.StudentDetails;

**import** com.util.Util;

@WebServlet("/student")

**public** **class** AddStudent **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

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

response.setContentType("text/html");

request.getRequestDispatcher("add-student.html").include(request, response);

}

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

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

String RollNo = request.getParameter("rollno");

String Class = request.getParameter("class");

**try** {

SessionFactory factory = Util.*buildConnection*();

Session session = factory.openSession();

StudentDetails studentdetails = **new** StudentDetails(name, RollNo, Class);

Transaction tx = session.beginTransaction();

session.save(studentdetails);

tx.commit();

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

out.println("<div align='center'><h2 style='color:green'>Student Added Successfully</h2>"

+ "<a href='admin-page.html'>Back To MainMenu</a>"

+ "</div>");

}

session.close();

} **catch** (Exception e) {

out.println("<div align='center'><h2 style='color:red'>Operation Failed</h2>"

+ "<a href='admin-page.html'>Back To MainMenu</a>"

+ "</div>");

}

}}

**Add Subject.java**

package com.operations;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

import java.io.PrintWriter;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

import com.details.SubjectDetails;

import com.util.Util;

@WebServlet("/subject")

public class AddSubject extends HttpServlet {

private static final long serialVersionUID = 1L;

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

response.setContentType("text/html");

request.getRequestDispatcher("add-subject.html").include(request, response);

}

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

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

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

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

try {

SessionFactory factory = Util.buildConnection();

Session session = factory.openSession();

SubjectDetails subjectdetails = new SubjectDetails(name, code, teacher);

Transaction tx = session.beginTransaction();

session.save(subjectdetails);

tx.commit();

if(session != null) {

out.println("<div align='center'><h2 style='color:green'>Subject Added Successfully</h2>"

+ "<a href='admin-page.html'>Back To MainMenu</a>"

+ "</div>");

}

session.close();

} catch (Exception e) {

out.println("<div align='center'><h2 style='color:red'>Operation Failed</h2>"

+ "<a href='admin-page.html'>Back To MainMenu</a>"

+ "</div>");

}

}

}

**AddTeacher.java**

package com.operations;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

import java.io.PrintWriter;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

import com.details.TeacherDetails;

import com.util.Util;

@WebServlet("/add-teacher")

public class AddTeacher extends HttpServlet {

private static final long serialVersionUID = 1L;

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

response.setContentType("text/html");

request.getRequestDispatcher("add-teacher.html").include(request, response);

}

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

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

String Subject = request.getParameter("subject");

String Class = request.getParameter("class");

try {

SessionFactory factory = Util.buildConnection();

Session session = factory.openSession();

TeacherDetails teacherdetails = new TeacherDetails(name, Subject, Class);

Transaction tx = session.beginTransaction();

session.save(teacherdetails);

tx.commit();

if(session != null) {

out.println("<div align='center'><h2 style='color:green'>Teacher Added Successfully</h2>"

+ "<a href='admin-page.html'>Back To MainMenu</a>"

+ "</div>");

}

session.close();

} catch (Exception e) {

out.println("<div align='center'><h2 style='color:red'>Operation Failed</h2></div>");

}

}

}

**AdminLogin.java**

package com.operations;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

import java.io.PrintWriter;

@WebServlet("/login")

public class AdminLogin extends HttpServlet {

private static final long serialVersionUID = 1L;

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

response.setContentType("text/html");

request.getRequestDispatcher("admin-login.html").include(request, response);

}

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

String Email = request.getParameter("adminemail");

String Password = request.getParameter("adminpassword");

if(Email.equals("") && Password.equals("")) {

out.println("<div align='center'><h2 style='color:red'>Mandatory Fields Are Empty</h2>"

+ "<a href='login'>Retry</a>"

+ "</div>");

}else {

if(Email.equals("admin@gmail.com") && Password.equals("admin@123")) {

out.println("<div align='center'><h2 style='color:green'>Welcome To Admin Portal</h2></div>");

request.getRequestDispatcher("admin-page.html").include(request, response);

}else {

out.println("<div align='center'><h2 style='color:red'>Invalid Credentials</h2>"

+ "<a href='login'>Retry</a>"

+ "</div>");

}

}

}

}

**InitializeConnection.java**

package com.operations;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

import java.io.PrintWriter;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import com.util.Util;

@WebServlet("/init")

public class InitializeConnection extends HttpServlet {

private static final long serialVersionUID = 1L;

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

request.getRequestDispatcher("index.jsp").include(request, response);

try {

SessionFactory factory = Util.buildConnection();

Session session = factory.openSession();

if(session != null) {

out.println("<div align='center'><h2 style='color:green'>Successfully Connected</h2></div>");

}

session.close();

} catch (Exception e) {

out.println("<div align='center'><h2 style='color:red'>Connection Failed</h2></div>");

}

}

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

doGet(request, response);

}

}

**ListClasses.java**

package com.operations;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import com.details.ClassDetails;

import com.util.Util;

@WebServlet("/listclasses")

public class ListClasses extends HttpServlet {

private static final long serialVersionUID = 1L;

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

try {

SessionFactory factory = Util.buildConnection();

Session session = factory.openSession();

List<ClassDetails> list = session.createQuery("from ClassDetails").list();

out.println("<h2>Class List");

out.println("<style> table,td,th{"

+ "border:2px solid red; "

+ "padding:2px;); "

+ "</style>");

out.println("<table>");

out.println("<tr>");

out.println("<th>Class Id</th>");

out.println("<th>Class Name</th>");

out.println("<th>Section</th>");

out.println("<th>Room No</th>");

out.println("<tr>");

for(ClassDetails classdet : list) {

out.println("<tr>");

out.println("<td>"+ classdet.getId() +"</td>");

out.println("<td>"+ classdet.getClassName() +"</td>");

out.println("<td>"+ classdet.getClassSection()+"</td>");

out.println("<td>"+ classdet.getClassRoomNo() +"</td>");

out.println("</tr>");

}

out.println("</table>");

out.println("<a href='admin-page.html'>Back To MainMenu</a>");

session.close();

} catch (Exception e) {

out.println("<h2 style='color:red'>Operation Failed<h2>");

out.println("<a href='admin-page.html'>Back To MainMenu</a>");

}

}

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

doGet(request, response);

}

}

**ListStudents.java**

package com.operations;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import com.details.StudentDetails;

import com.util.Util;

@WebServlet ("/listStudents")

public class ListStudents extends HttpServlet {

private static final long serialVersionUID = 1L;

public ListStudents() {

super();

}

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

try {

SessionFactory factory = Util.buildConnection();

Session session = factory.openSession();

@SuppressWarnings("unchecked")

List<StudentDetails> list = session.createQuery("from StudentDetails").list();

out.println("<h2>Student List");

out.println("<style> table,td,th{"

+ "border:2px solid red; "

+ "padding:2px;); "

+ "</style>");

out.println("<table>");

out.println("<tr>");

out.println("<th>Student Id</th>");

out.println("<th>Student Name</th>");

out.println("<th>Student RollNo</th>");

out.println(" <th>Student Class</th>");

out.println("<tr>");

for(StudentDetails stdet : list) {

out.println("<tr>");

out.println("<td>"+ stdet.getId() +"</td>");

out.println("<td>"+ stdet.getName() +"</td>");

out.println("<td>"+ stdet.getRollNo()+"</td>");

out.println("<td>"+ stdet.getStudentClass() +"</td>");

out.println("</tr>");

}

out.println("</table>");

out.println("<a href='admin-page.html'>Back To MainMenu</a>");

session.close();

} catch (Exception e) {

out.println("<h2 style='color:red'>Operation Failed<h2>");

out.println("<a href='admin-page.html'>Back To MainMenu</a>");

}

}

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

doGet(request, response);

}

}

**ListSubjects.java**

package com.operations;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import com.details.SubjectDetails;

import com.util.Util;

@WebServlet("/listsubjects")

public class ListSubjects extends HttpServlet {

private static final long serialVersionUID = 1L;

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

try {

SessionFactory factory = Util.buildConnection();

Session session = factory.openSession();

List<SubjectDetails> list = session.createQuery("from SubjectDetails").list();

out.println("<h2>Subject List");

out.println("<style> table,td,th{"

+ "border:2px solid red; "

+ "padding:2px;); "

+ "</style>");

out.println("<table>");

out.println("<tr>");

out.println("<th>Subject Id</th>");

out.println("<th>Subject Name</th>");

out.println("<th>Subject Code</th>");

out.println("<th>Subject Teacher</th>");

out.println("<tr>");

for(SubjectDetails subdet : list) {

out.println("<tr>");

out.println("<td>"+ subdet.getId() +"</td>");

out.println("<td>"+ subdet.getSubjectName() +"</td>");

out.println("<td>"+ subdet.getSubjectCode()+"</td>");

out.println("<td>"+ subdet.getSubjectTeacher() +"</td>");

out.println("</tr>");

}

out.println("</table>");

out.println("<a href='admin-page.html'>Back To MainMenu</a>");

session.close();

} catch (Exception e) {

out.println("<h2 style='color:red'>Operation Failed<h2>");

out.println("<a href='admin-page.html'>Back To MainMenu</a>");

}

}

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

doGet(request, response);

}

}

**ListTeachers.java**

package com.operations;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import com.details.TeacherDetails;

import com.util.Util;

@WebServlet("/list-teachers")

public class ListTeachers extends HttpServlet {

private static final long serialVersionUID = 1L;

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

try {

SessionFactory factory = Util.buildConnection();

Session session = factory.openSession();

List<TeacherDetails> list = session.createQuery("from TeacherDetails").list();

out.println("<h2>Teacher List");

out.println("<style> table,td,th{"

+ "border:2px solid red; "

+ "padding:2px;); "

+ "</style>");

out.println("<table>");

out.println("<tr>");

out.println("<th>Teacher Id</th>");

out.println("<th>Teacher Name</th>");

out.println("<th>Teacher Subject</th>");

out.println("<th>Teacher Class</th>");

out.println("<tr>");

for(TeacherDetails tedet : list) {

out.println("<tr>");

out.println("<td>"+ tedet.getId() +"</td>");

out.println("<td>"+ tedet.getName() +"</td>");

out.println("<td>"+ tedet.getSubject() +"</td>");

out.println("<td>"+ tedet.getTeacherClass() +"</td>");

out.println("</tr>");

}

out.println("</table>");

out.println("<a href='admin-page.html'>Back To MainMenu</a>");

session.close();

} catch (Exception e) {

out.println("<h2 style='color:red'>Operation Failed<h2>");

out.println("<a href='admin-page.html'>Back To MainMenu</a>");

}

}

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

doGet(request, response);

}

}