**ClassDetails.java**

package details;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name="Class\_Details")

public class ClassDetails {

@Id

@GeneratedValue(strategy=GenerationType.AUTO)

@Column(name="Id")

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) {

super();

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 details;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name="Student\_Details")

public class StudentDetails {

@Id

@GeneratedValue(strategy=GenerationType.AUTO)

@Column(name="Id")

private int Id;

@Column(name="Student\_Name")

private String StudentName;

@Column(name="Roll\_No")

private String RollNo;

@Column(name="Class")

private String StudentClass;

public StudentDetails() {

}

public StudentDetails(String studentName, String rollNo, String studentClass) {

super();

StudentName = studentName;

RollNo = rollNo;

StudentClass = studentClass;

}

public StudentDetails(int id, String studentName, String rollNo, String studentClass) {

super();

Id = id;

StudentName = studentName;

RollNo = rollNo;

StudentClass = studentClass;

}

public int getId() {

return Id;

}

public void setId(int id) {

Id = id;

}

public String getStudentName() {

return StudentName;

}

public void setStudentName(String studentName) {

StudentName = studentName;

}

public String getRollNo() {

return RollNo;

}

public void setRollNo(String rollNo) {

RollNo = rollNo;

}

public String getStudentClass() {

return StudentClass;

}

public void setStudentClass(String studentClass) {

StudentClass = studentClass;

}

@Override

public String toString() {

return "StudentDetails [Id=" + Id + ", StudentName=" + StudentName + ", RollNo=" + RollNo + ", StudentClass="

+ StudentClass + "]";

}

}

**SubjectDetails.java**

package details;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name="Subject\_Details")

public class SubjectDetails {

@Id

@GeneratedValue(strategy=GenerationType.AUTO)

@Column(name="Id")

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

super();

Id = id;

SubjectName = subjectName;

SubjectCode = subjectCode;

SubjectTeacher = subjectTeacher;

}

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

super();

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 details;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name="Teacher\_Details")

public class TeacherDetails {

@Id

@GeneratedValue(strategy=GenerationType.AUTO)

@Column(name="Id")

private int Id;

@Column(name="Teacher\_Name")

private String TeacherName;

@Column(name="Subject")

private String Subject;

@Column(name="Class")

private String TeacherClass;

public TeacherDetails() {

}

public TeacherDetails(int id, String teacherName, String subject, String teacherClass) {

super();

Id = id;

TeacherName = teacherName;

Subject = subject;

TeacherClass = teacherClass;

}

public TeacherDetails(String teacherName, String subject, String teacherClass) {

super();

TeacherName = teacherName;

Subject = subject;

TeacherClass = teacherClass;

}

public int getId() {

return Id;

}

public void setId(int id) {

Id = id;

}

public String getTeacherName() {

return TeacherName;

}

public void setTeacherName(String teacherName) {

TeacherName = teacherName;

}

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 + ", TeacherName=" + TeacherName + ", Subject=" + Subject + ", TeacherClass="

+ TeacherClass + "]";

}

}

**Util.java**

package util;

import org.hibernate.SessionFactory;

import org.hibernate.cfg.AnnotationConfiguration;

import org.hibernate.cfg.Configuration;

public class Util {

private SessionFactory factory;

public SessionFactory createConnection() {

factory=new AnnotationConfiguration()

.addPackage("details")

.addAnnotatedClass(details.ClassDetails.class)

.addAnnotatedClass(details.SubjectDetails.class)

.addAnnotatedClass(details.StudentDetails.class)

.addAnnotatedClass(details.TeacherDetails.class)

.configure()

.buildSessionFactory();

return factory;

}

}

**AddClass.java**

package operations;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

import details.ClassDetails;

import 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 {

PrintWriter out=response.getWriter();

String className=request.getParameter("ClassName");

String classSection=request.getParameter("ClassSection");

String classRoomNo=request.getParameter("ClassRoomNo");

try {

Util u= new Util();

SessionFactory factory=u.createConnection();

Session session= factory.openSession();

ClassDetails classDetails=new ClassDetails(className, classSection, classRoomNo);

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 operations;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

import details.StudentDetails;

import 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 studentName= request.getParameter("StudentName");

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

String studentClass=request.getParameter("StudentClass");

try {

Util u= new Util();

SessionFactory factory=u.createConnection();

Session session=factory.openSession();

StudentDetails studentDetails=new StudentDetails(studentName, rollNo, studentClass);

Transaction tx=session.beginTransaction();

session.save(studentDetails);

tx.commit();

if(session!=null)

{

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

+ "<a href='admin-page.html'>Back to Main Menu</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 Main Menu</a>"

+ "</div>");

}

}

}

**AdminLogin.java**

package operations;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

@WebServlet("/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>");

}

}

}

}

**AddSubject.java**

package operations;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

import details.SubjectDetails;

import 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 subjectName=request.getParameter("SubjectName");

String subjectCode=request.getParameter("SubjectCode");

String subjectTeacher= request.getParameter("SubjectTeacher");

try {

Util u=new Util();

SessionFactory factory=u.createConnection();

Session session=factory.openSession();

SubjectDetails subjectDetails=new SubjectDetails(subjectName, subjectCode, subjectTeacher);

Transaction tx= session.beginTransaction();

session.save(subjectDetails);

tx.commit();

if(session!=null)

{

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

+ "<a href='admin-page.html'>Back to Main Menu</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 Main Menu</a>"

+ "</div>");

}

}

}

AddTeacher.java

package operations;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

import details.TeacherDetails;

import util.Util;

@WebServlet("/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 teacherName= request.getParameter("TeacherName");

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

String teacherClass=request.getParameter("TeacherClass");

try {

Util u= new Util();

SessionFactory factory=u.createConnection();

Session session=factory.openSession();

TeacherDetails teacherDetails=new TeacherDetails(teacherName, teacherSubject, teacherClass);

Transaction tx=session.beginTransaction();

session.save(teacherDetails);

tx.commit();

if(session!=null)

{

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

+ "<a href='admin-page.html'>Back to Main Menu</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 Main Menu</a>"

+ "</div>");

}

}

}

AdminLogin.java

package operations;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

@WebServlet("/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 operations;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import details.TeacherDetails;

import util.Util;

@WebServlet("/listteachers")

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 {

Util u=new Util();

SessionFactory factory= u.createConnection();

Session session = factory.openSession();

List<TeacherDetails> list = session.createQuery("from Teacher\_Details").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>S.No</th>");

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

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

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

out.println("<tr>");

for(TeacherDetails td : list) {

out.println("<tr>");

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

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

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

out.println("<td>"+ td.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);

}

}

**ListClasses.java**

package operations;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import details.ClassDetails;

import 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 {

Util u=new Util();

SessionFactory factory = u.createConnection();

Session session = factory.openSession();

List<ClassDetails> list = session.createQuery("from Class\_Details").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>S.No</th>");

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

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

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

out.println("<tr>");

for(ClassDetails cd : list) {

out.println("<tr>");

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

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

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

out.println("<td>"+ cd.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 operations;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import details.StudentDetails;

import util.Util;

@WebServlet("/liststudents")

public class ListStudents 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 {

Util u=new Util();

SessionFactory factory = u.createConnection();

Session session = factory.openSession();

List<StudentDetails> list = session.createQuery("from Student\_Details").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>S.No</th>");

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

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

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

out.println("<tr>");

for(StudentDetails sd : list) {

out.println("<tr>");

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

out.println("<td>"+ sd.getStudentName() +"</td>");

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

out.println("<td>"+ sd.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 operations;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import details.SubjectDetails;

import 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 {

Util u=new Util();

SessionFactory factory = u.createConnection();

Session session = factory.openSession();

List<SubjectDetails> list = session.createQuery("from Subject\_Details").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>S.No</th>");

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

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

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

out.println("<tr>");

for(SubjectDetails subd : list) {

out.println("<tr>");

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

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

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

out.println("<td>"+ subd.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 operations;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import details.TeacherDetails;

import util.Util;

@WebServlet("/listteachers")

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 {

Util u=new Util();

SessionFactory factory= u.createConnection();

Session session = factory.openSession();

List<TeacherDetails> list = session.createQuery("from Teacher\_Details").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>S.No</th>");

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

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

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

out.println("<tr>");

for(TeacherDetails td : list) {

out.println("<tr>");

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

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

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

out.println("<td>"+ td.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);

}

}