# SOURCE CODES

## 1.GetDBConnection

package com.portal.connection;

import java.util.Properties;

import org.hibernate.SessionFactory;

import org.hibernate.boot.registry.StandardServiceRegistryBuilder;

import org.hibernate.cfg.Configuration;

import org.hibernate.cfg.Environment;

import org.hibernate.service.ServiceRegistry;

import com.portal.models.Classes;

import com.portal.models.Students;

import com.portal.models.Subjects;

import com.portal.models.Teachers;

import com.portal.models.User;

public class GetDBConnection {

private static SessionFactory sessionFactory;

public static SessionFactory getSessionFactory() {

if (sessionFactory == null) {

try

{

Configuration cfg = new Configuration();

Properties settings = new Properties();

settings.put(Environment.DRIVER, "com.mysql.cj.jdbc.Driver");

settings.put(Environment.URL, "jdbc:mysql://localhost:3306/dhabhai?useSSL=false");

settings.put(Environment.USER, "root");

settings.put(Environment.PASS, "\*\*\*\*\*\*\*\*\*\*");

settings.put(Environment.DIALECT, "org.hibernate.dialect.MySQL5Dialect");

settings.put(Environment.SHOW\_SQL, "true");

settings.put(Environment.HBM2DDL\_AUTO, "update");

cfg.setProperties(settings);

//settings.put(Environment.CURRENT\_SESSION\_CONTEXT\_CLASS, "thread");

cfg.addAnnotatedClass(User.class);

cfg.addAnnotatedClass(Subjects.class);

cfg.addAnnotatedClass(Teachers.class);

cfg.addAnnotatedClass(Classes.class);

cfg.addAnnotatedClass(Students.class);

ServiceRegistry serviceRegistry = new StandardServiceRegistryBuilder()

.applySettings(cfg.getProperties()).build();

System.out.println("Hibernate Java Config serviceRegistry created");

sessionFactory = cfg.buildSessionFactory(serviceRegistry);

}

catch(Exception ex)

{

ex.printStackTrace();

}

}

return sessionFactory;

}

}

## 2. Classes.java

package com.portal.models;

import java.util.List;

import javax.persistence.CascadeType;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.Id;

import javax.persistence.JoinColumn;

import javax.persistence.OneToMany;

import javax.persistence.Table;

@Entity

@Table(name = "Class\_info")

public class Classes {

@Id @GeneratedValue

private int class\_id;

private String class\_name;

private String subject1;

private String subject2;

private String subject3;

private String subject4;

private String subject5;

@OneToMany(targetEntity = Students.class,cascade = CascadeType.ALL)

@JoinColumn(name="class\_id")

private List<Students> students;

public String getSubject1() {

return subject1;

}

public void setSubject1(String subject1) {

this.subject1 = subject1;

}

public String getSubject2() {

return subject2;

}

public void setSubject2(String subject2) {

this.subject2 = subject2;

}

public String getSubject3() {

return subject3;

}

public void setSubject3(String subject3) {

this.subject3 = subject3;

}

public String getSubject4() {

return subject4;

}

public void setSubject4(String subject4) {

this.subject4 = subject4;

}

public String getSubject5() {

return subject5;

}

public void setSubject5(String subject5) {

this.subject5 = subject5;

}

public List<Students> getStudents() {

return students;

}

public void setStudents(List<Students> students) {

this.students = students;

}

public int getClass\_id() {

return class\_id;

}

public void setClass\_id(int class\_id) {

this.class\_id = class\_id;

}

public String getClass\_name() {

return class\_name;

}

public void setClass\_name(String class\_name) {

this.class\_name = class\_name;

}

}

## 3.Students.java

package com.portal.models;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name = "Students")

public class Students {

@Id @GeneratedValue

private int student\_id;

private String student\_name;

private int class\_id;

private int sub\_id;

public int getStudent\_id() {

return student\_id;

}

public void setStudent\_id(int student\_id) {

this.student\_id = student\_id;

}

public String getStudent\_name() {

return student\_name;

}

public void setStudent\_name(String student\_name) {

this.student\_name = student\_name;

}

public int getClass\_id() {

return class\_id;

}

public void setClass\_id(int class\_id) {

this.class\_id = class\_id;

}

public int getSub\_id() {

return sub\_id;

}

public void setSub\_id(int sub\_id) {

this.sub\_id = sub\_id;

}

}

## 4.Subjects.java

package com.portal.models;

import java.util.List;

import javax.persistence.CascadeType;

import javax.persistence.Entity;

import javax.persistence.FetchType;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.JoinColumn;

import javax.persistence.ManyToMany;

import javax.persistence.OneToMany;

import javax.persistence.Table;

@Entity

@Table(name = "Subjects")

public class Subjects {

@Id @GeneratedValue

private int sub\_id;

private String subject\_name;

@OneToMany(targetEntity = Teachers.class, cascade = CascadeType.ALL)

@JoinColumn(name = "sub\_id")

private List<Teachers> teachers;

public int getSub\_id() {

return sub\_id;

}

public void setSub\_id(int sub\_id) {

this.sub\_id = sub\_id;

}

public String getSubject\_name() {

return subject\_name;

}

public void setSubject\_name(String subject\_name) {

this.subject\_name = subject\_name;

}

public List<Teachers> getTeachers() {

return teachers;

}

public void setTeachers(List<Teachers> teachers) {

this.teachers = teachers;

}

}

## 5.Teachers.java

package com.portal.models;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name="Teacher")

public class Teachers {

@Id @GeneratedValue

private int t\_no;

private String teacher\_name;

private int sub\_id;

public int getT\_no() {

return t\_no;

}

public void setT\_no(int t\_no) {

this.t\_no = t\_no;

}

public String getTeacher\_name() {

return teacher\_name;

}

public void setTeacher\_name(String teacher\_name) {

this.teacher\_name = teacher\_name;

}

public int getSub\_id() {

return sub\_id;

}

public void setSub\_id(int sub\_id) {

this.sub\_id = sub\_id;

}

}

## 6.Users.java

package com.portal.models;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name="User\_Info")

public class User {

@Id @GeneratedValue

private int uid;

private String username;

private String password;

private String personname;

public int getUid() {

return uid;

}

public void setUid(int uid) {

this.uid = uid;

}

public String getUsername() {

return username;

}

public void setUsername(String username) {

this.username = username;

}

public String getPassword() {

return password;

}

public void setPassword(String password) {

this.password = password;

}

public String getPersonname() {

return personname;

}

public void setPersonname(String personname) {

this.personname = personname;

}

}

## 7. ClassService.java

package com.portal.services;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

import com.portal.connection.GetDBConnection;

import com.portal.models.Classes;

import java.util.List;

import javax.persistence.TypedQuery;

public class ClassesService {

private SessionFactory sFactory = null;

public ClassesService() {

sFactory = GetDBConnection.getSessionFactory();

}

public void addClasses(Classes classes) {

Session session = sFactory.openSession();

Transaction transaction = session.beginTransaction();

session.save(classes);

transaction.commit();

session.close();

}

public List<Classes> showAllClasses(){

Session session = sFactory.openSession();

TypedQuery qr = session.createQuery("from Classes");

List<Classes> calList = qr.getResultList();

return calList;

}

public Classes searchClasses(int cid) {

Session session = sFactory.openSession();

TypedQuery qr = session.createQuery("from Classes where class\_id=:cid");

qr.setParameter("cid",cid);

List<Classes> calList = qr.getResultList();

return calList.get(0);

}

}

## 8.StudentsService.java

package com.portal.services;

import java.util.List;

import javax.persistence.TypedQuery;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

import com.portal.connection.GetDBConnection;

import com.portal.models.Students;

public class StudentsService {

private SessionFactory sFactory = null;

public StudentsService() {

sFactory = GetDBConnection.getSessionFactory();

}

public void addStudents(Students students) {

Session session = sFactory.openSession();

Transaction transaction = session.beginTransaction();

session.save(students);

transaction.commit();

}

public List<Students> showAllStudents(){

Session session = sFactory.openSession();

TypedQuery qry = session.createQuery("from Students");

List<Students> students = qry.getResultList();

return students;

}

}

## 9.SubjectsService.java

package com.portal.services;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

import com.portal.connection.GetDBConnection;

import com.portal.models.Subjects;

import java.util.List;

import javax.persistence.TypedQuery;

public class SubjectService {

private SessionFactory sFactory = null;

public SubjectService() {

sFactory = GetDBConnection.getSessionFactory();

}

public void addSubject(Subjects subject) {

Session session = sFactory.openSession();

Transaction transaction = session.beginTransaction();

session.save(subject);

transaction.commit();

session.close();

}

public List<Subjects> showAllSubjects() {

Session session = sFactory.openSession();

TypedQuery qryQuery = session.createQuery("from Subjects");

List<Subjects> subjects = qryQuery.getResultList();

return subjects;

}

public Subjects searchSubject(int subid) {

Session session = sFactory.openSession();

Subjects subject = session.createQuery("FROM Subjects WHERE sub\_id = :subid", Subjects.class)

.setParameter("subid", subid)

.uniqueResult();

session.close();

return subject;

}

}

## 10.TeacherService.java

package com.portal.services;

import java.util.List;

import javax.persistence.TypedQuery;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

import com.portal.connection.GetDBConnection;

import com.portal.models.Teachers;

public class TeachersService {

private SessionFactory sFactory = null;

public TeachersService() {

sFactory = GetDBConnection.getSessionFactory();

}

public void addTeacher(Teachers teachers) {

Session session = sFactory.openSession();

Transaction transaction = session.beginTransaction();

session.save(teachers);

transaction.commit();

}

public List<Teachers> showAllTeachers(){

Session session = sFactory.openSession();

TypedQuery qry = session.createQuery("from Teachers");

List<Teachers> teachers = qry.getResultList();

return teachers;

}

}

## 11.UserService.java

package com.portal.services;

import java.util.List;

import javax.persistence.TypedQuery;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

import com.portal.connection.GetDBConnection;

import com.portal.models.User;

public class UserService {

private SessionFactory sFactory = null;

public UserService() {

sFactory=GetDBConnection.getSessionFactory();

}

public void addUser(User u) {

Session session = sFactory.openSession();

Transaction transaction = session.beginTransaction();

session.save(u);

transaction.commit();

}

public User checkLoginDetails(String email,String password) {

Session session=sFactory.openSession();

TypedQuery qryQuery = session.createQuery("from User where username =:email and password=:password");

qryQuery.setParameter("email", email);

qryQuery.setParameter("password", password);

List<User> li= qryQuery.getResultList();

if(li.isEmpty()) {

return null;

}

User user = li.get(0);

return user;

}

}

## 12.AddClasses.jsp

<%@page import=*"com.portal.services.ClassesService"*%>

<%@page import=*"com.portal.services.TeachersService"*%>

<%@page import=*"com.portal.models.\*"*%>

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

<%@page import=*"com.portal.services.SubjectService"*%>

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

<link rel = *"stylesheet"* href=*"style.css"*>

</head>

<body>

<nav><%

String name = (String)session.getAttribute("name");

**if**(name.isEmpty()){

response.sendRedirect("Loginpage.jsp");

}

%></nav>

<header>

<h1>LEARNER'S ACADEMY</h1>

<div id=*"logoutdiv"*> <a href=*"Logout.jsp"* id=*"logoutbutton"*>LogOut</a> </div>

<div>

<hr> <p> Learner’s Academy is a school that has an online management system. The system keeps track of its classes, subjects, students, and teachers. It has a back-office application with a single administrator login.</p><hr></div>

</header>

<% String uname = (String)session.getAttribute("name"); %>

<h2>Welcome to : &nbsp;<%=uname %></h2>

<hr />

<jsp:include page=*"Links.jsp"*/>

<hr />

<main><div>

<h2>Add Classes</h2>

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

<br></br>

<input type=*"text"* name=*"txtcname"* placeholder = *"Enter Class Name"* required>

<br></br>

<select name=*"ddlsubject1"* style="width:*150px*">

<option value=*"-1"*>Select First Subject </option>

<%

SubjectService ss1 = **new** SubjectService();

List<Subjects> subAll1 = ss1.showAllSubjects();

**for**(Subjects s : subAll1)

{

%>

<option value=*'*<%= s.getSubject\_name()%>*'*>

<%=s.getSubject\_name() %>

</option>

<%

}

%></select>

<select name=*"ddlsubject2"* style="width:*150px*">

<option value=*"-1"*>Select Second Subject</option>

<%

SubjectService ss2 = **new** SubjectService();

List<Subjects> subAll2 = ss2.showAllSubjects();

**for**(Subjects s : subAll2)

{

%>

<option value=*'*<%=s.getSubject\_name() %>*'*>

<%=s.getSubject\_name() %>

</option>

<%

}

%></select>

<select name=*"ddlsubject3"* style="width:*150px*">

<option value=*"-1"*>Select Third Subject</option>

<%

SubjectService ss3 = **new** SubjectService();

List<Subjects> subAll3 = ss3.showAllSubjects();

**for**(Subjects s : subAll3)

{

%>

<option value=*'*<%=s.getSubject\_name() %>*'*>

<%=s.getSubject\_name() %>

</option>

<%

}

%></select>

<select name=*"ddlsubject4"* style="width:*150px*">

<option value=*"-1"*>Select Fourth Subject</option>

<%

SubjectService ss4 = **new** SubjectService();

List<Subjects> subAll4 = ss4.showAllSubjects();

**for**(Subjects s : subAll4)

{

%>

<option value=*'*<%=s.getSubject\_name() %>*'*>

<%=s.getSubject\_name() %>

</option>

<%

}

%></select>

<select name=*"ddlsubject5"* style="width:*150px*">

<option value=*"-1"*>Select Fifth Subject</option>

<%

SubjectService ss5 = **new** SubjectService();

List<Subjects> subAll5 = ss5.showAllSubjects();

**for**(Subjects s : subAll5)

{

%>

<option value=*'*<%=s.getSubject\_name() %>*'*>

<%=s.getSubject\_name() %>

</option>

<%

}

%></select>

<button type=*"submit"*>Submit</button>

<br>

</form>

<br>

<table >

<tr>

<th>Class Name</th>

<th>Subject\_1</th>

<th>Subject\_2</th>

<th>Subject\_3</th>

<th>Subject\_4</th>

<th>Subject\_5</th>

</tr>

<%**try**{

ClassesService cs = **new** ClassesService();

List<Classes> call = cs.showAllClasses();

**for**(Classes c: call){

%>

<tr>

<td><%=c.getClass\_name() %> </td>

<td><%=c.getSubject1() %></td>

<td><%=c.getSubject2() %></td>

<td><%=c.getSubject3() %></td>

<td><%=c.getSubject4() %></td>

<td><%=c.getSubject5() %></td>

</tr>

<% }}

**catch**(Exception ex){

ex.printStackTrace();

}%>

</table>

</main>

</body>

</html>

## 13.AddClassesFun.jsp

<%@ page import=*"com.portal.services.ClassesService"* %>

<%@ page import=*"com.portal.services.SubjectService"* %>

<%@ page import=*"com.portal.models.Classes"* %>

<%@ page import=*"com.portal.models.Subjects"* %>

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

<%

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

String subject1 = request.getParameter("ddlsubject1");

String subject2 = request.getParameter("ddlsubject2");

String subject3 = request.getParameter("ddlsubject3");

String subject4 = request.getParameter("ddlsubject4");

String subject5 = request.getParameter("ddlsubject5");

Classes classes = **new** Classes();

ClassesService classesService = **new** ClassesService();

classes.setClass\_name(className);

classes.setSubject1(subject1);

classes.setSubject2(subject2);

classes.setSubject3(subject3);

classes.setSubject4(subject4);

classes.setSubject5(subject5);

classesService.addClasses(classes);

response.sendRedirect("AddClasses.jsp");

%>

## 14AddStudentFun.jsp

<%@page import=*"com.portal.services.StudentsService"*%>

<%@page import=*"com.portal.models.Students"*%>

<%

String sname = request.getParameter("txtsname");

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

**int** cid = Integer.parseInt(ddlclasses);

Students students = **new** Students();

StudentsService studentsService = **new** StudentsService();

students.setStudent\_name(sname);

students.setClass\_id(cid);

studentsService.addStudents(students);

response.sendRedirect("AddStundents.jsp");

%>

## 15.AddStudent.jsp

<%@page import=*"com.portal.services.ClassesService"*%>

<%@page import=*"com.portal.services.TeachersService"*%>

<%@page import=*"com.portal.models.\*"*%>

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

<%@page import=*"com.portal.services.SubjectService"*%>

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

<link rel = *"stylesheet"* href=*"style.css"*>

</head>

<body>

<nav><%

String name = (String)session.getAttribute("name");

**if**(name.isEmpty()){

response.sendRedirect("Loginpage.jsp");

}

%></nav>

<header>

<h1>LEARNER'S ACADEMY</h1>

<div id=*"logoutdiv"*> <a href=*"Logout.jsp"* id=*"logoutbutton"*>LogOut</a> </div>

<div>

<hr> <p> Learner’s Academy is a school that has an online management system. The system keeps track of its classes, subjects, students, and teachers. It has a back-office application with a single administrator login.</p><hr></div>

</header>

<% String uname = (String)session.getAttribute("name"); %>

<h2>Welcome to : &nbsp;<%=uname %></h2>

<hr />

<jsp:include page=*"Links.jsp"*/>

<hr />

<main><div>

<h2>Add Students</h2>

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

<br></br>

<input type=*"text"* name=*"txtsname"* placeholder = *"Enter Students Name"* required>

<br></br>

<select name=*"ddlclasses"* style="width:*150px*">

<option value=*"-1"*>Select Class</option>

<%

ClassesService sc=**new** ClassesService();

List<Classes> call= sc.showAllClasses();

**for**(Classes c : call)

{

%>

<option value=*'*<%= c.getClass\_id() %>*'*>

<%=c.getClass\_name() %>

</option>

<%

}

%>

</select>

<button type=*"submit"*>Submit</button>

<br>

</form>

<br>

<table >

<tr>

<th>Student ID</th>

<th>Student Name</th>

<th> Class </th>

</tr>

<%**try**{

ClassesService cService = **new** ClassesService();

List<Classes> calll = cService.showAllClasses();

**for**(Classes ca: calll){

**for**(Students sa: ca.getStudents()){

%>

<tr>

<td><%=sa.getStudent\_id() %> </td>

<td><%=sa.getStudent\_name() %></td>

<td><%=ca.getClass\_name() %></td>

</tr>

<% }}}

**catch**(Exception ex){

ex.printStackTrace();

}%>

</table>

</div>

</main>

</body>

</html>

## 16.AddSubjects.jsp

<%@page import=*"com.portal.models.Subjects"*%>

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

<%@page import=*"com.portal.services.SubjectService"*%>

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

<link rel = *"stylesheet"* href=*"style.css"*>

</head>

<body>

<nav><%

String name = (String)session.getAttribute("name");

**if**(name.isEmpty()){

response.sendRedirect("Loginpage.jsp");

}

%></nav>

<header>

<h1>LEARNER'S ACADEMY</h1>

<div id=*"logoutdiv"*> <a href=*"Logout.jsp"* id=*"logoutbutton"*>LogOut</a> </div>

<div>

<hr> <p> Learner’s Academy is a school that has an online management system. The system keeps track of its classes, subjects, students, and teachers. It has a back-office application with a single administrator login.</p><hr></div>

</header>

<% String uname = (String)session.getAttribute("name"); %>

<h2>Welcome to : &nbsp;<%=uname %></h2>

<hr />

<jsp:include page=*"Links.jsp"*/>

<hr />

<main><div>

<h2>Add Subjects</h2>

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

<br></br>

<input type=*"text"* name=*"txtsname"* placeholder = *"Enter Subject Name"* required>

<br></br>

<button type=*"submit"*>Submit</button>

<br>

</form>

<br></br>

<table >

<tr>

<th>Subject Id</th>

<th> Subject Name</th>

</tr>

<%**try**{

SubjectService ss = **new** SubjectService();

List<Subjects> suball = ss.showAllSubjects();

**for**(Subjects s: suball){

%>

<tr>

<td><%=s.getSub\_id()%> </td>

<td><%=s.getSubject\_name() %></td>

</tr>

<% }}

**catch**(Exception ex){

ex.printStackTrace();

}%>

</table>

</div>

</main>

</body>

</html>

## 17.AddSubjectFunctionality.jsp

<%@page import=*"com.portal.services.SubjectService"*%>

<%@page import=*"com.portal.models.Subjects"*%>

<%

String subname = request.getParameter("txtsname");

Subjects subjects = **new** Subjects();

SubjectService subjectService = **new** SubjectService();

subjects.setSubject\_name(subname);

subjectService.addSubject(subjects);

response.sendRedirect("AddSubjects.jsp");

%>

## 18.AddTeacherFun.jsp

<%@page import=*"com.portal.services.TeachersService"*%>

<%@page import=*"com.portal.models.Teachers"*%>

<%

String teacherName = request.getParameter("txttname");

String ddlsub = request.getParameter("ddlsubject");

**int** subid = Integer.parseInt(ddlsub);

Teachers teachers= **new** Teachers();

TeachersService ts = **new** TeachersService();

teachers.setTeacher\_name(teacherName);

teachers.setSub\_id(subid);

ts.addTeacher(teachers);

response.sendRedirect("AddTeachers.jsp");

%>

## 19.AddTeachers.jsp

<%@page import=*"com.portal.services.TeachersService"*%>

<%@page import=*"com.portal.models.\*"*%>

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

<%@page import=*"com.portal.services.SubjectService"*%>

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

<link rel = *"stylesheet"* href=*"style.css"*>

</head>

<body>

<nav><%

String name = (String)session.getAttribute("name");

**if**(name.isEmpty()){

response.sendRedirect("Loginpage.jsp");

}

%></nav>

<header>

<h1>LEARNER'S ACADEMY</h1>

<div id=*"logoutdiv"*> <a href=*"Logout.jsp"* id=*"logoutbutton"*>LogOut</a> </div>

<div>

<hr> <p> Learner’s Academy is a school that has an online management system. The system keeps track of its classes, subjects, students, and teachers. It has a back-office application with a single administrator login.</p><hr></div>

</header>

<% String uname = (String)session.getAttribute("name"); %>

<h2>Welcome to : &nbsp;<%=uname %></h2>

<hr />

<jsp:include page=*"Links.jsp"*/>

<hr />

<main><div>

<h2>Add Teachers</h2>

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

<br></br>

<input type=*"text"* name=*"txttname"* placeholder = *"Enter Teacher Name"* required>

<br></br>

<select name=*"ddlsubject"* style="width:*150px*">

<option value=*"-1"*>Select Subject</option>

<%

SubjectService ss = **new** SubjectService();

List<Subjects> subAll = ss.showAllSubjects();

**for**(Subjects s : subAll)

{

%>

<option value=*'*<%= s.getSub\_id() %>*'*>

<%=s.getSubject\_name() %>

</option>

<%

}

%>

</select>

<button type=*"submit"*>Submit</button>

<br>

</form>

<br>

<table >

<tr>

<th>Teacher Id</th>

<th> Teacher Name</th>

<th> Subject </th>

</tr>

<%**try**{

SubjectService subjectService = **new** SubjectService();

List<Subjects> suball = subjectService.showAllSubjects();

**for**(Subjects s: suball){

**for**(Teachers t:s.getTeachers()){

%>

<tr>

<td><%=t.getT\_no()%> </td>

<td><%=t.getTeacher\_name()%></td>

<td><%=s.getSubject\_name()%></td>

</tr>

<% }}}

**catch**(Exception ex){

ex.printStackTrace();

}%>

</table>

</div>

</main>

</body>

</html>

## 20.AddUserFunctionality

<%@page import=*"com.portal.models.User"*%>

<%@page import=*"com.portal.services.UserService"*%>

<%

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

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

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

String pwd2= request.getParameter("txtpwd2");

**if**(pwd.equals(pwd2)) {

UserService us = **new** UserService();

User u = **new** User();

u.setPersonname(name);

u.setUsername(email);

u.setPassword(pwd);

us.addUser(u);

out.print("<h2>You are signed up successfully</h2>");

response.sendRedirect("Loginpage.jsp");

}

**else** {

out.print("<h2>Password details mismatch Try again!!</h2>");

response.sendRedirect("Signup.jsp");

}

%>

## 21.Links.jsp

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<table width=*"100%"*>

<tr>

<td style="width:*100%*;text-align: *center*">

<a href=*"AddClasses.jsp"* id=*"addbuttons"*>Add New Classes</a>

&nbsp;&nbsp;|&nbsp;&nbsp;

<a href=*"AddStundents.jsp"* id=*"addbuttons"*>Add New Students</a>

&nbsp;&nbsp;|&nbsp;&nbsp;

<a href=*"AddSubjects.jsp"* id=*"addbuttons"*>Add New Subjects</a>

&nbsp;&nbsp;|&nbsp;&nbsp;

<a href=*"AddTeachers.jsp"* id=*"addbuttons"*>Add New Teachers</a>

</td>

</tr>

</table>

</body>

</html>

## 22.LoginFun.jsp

<%@page import=*"com.portal.services.UserService"*%>

<%@page import=*"com.portal.models.User"*%>

<%

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

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

session = request.getSession();

User u = **new** User();

UserService us = **new** UserService();

u = us.checkLoginDetails(email, pwd);

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

String name = u.getPersonname();

session.setAttribute("name", name);

**if**(email.equals("admin@gmail.com") && pwd.equals("admin@123")){

response.sendRedirect("WelcomeAdmin.jsp");

}

**else**{

response.sendRedirect("Welcome.jsp");

}

}

**else** {

out.print("<h2>Invalid username or password</h2>");

response.sendRedirect("Loginpage.jsp");

}

%>

## 23.Loginpage.jsp

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

<link rel = *"stylesheet"* href=*"style.css"*>

</head>

<body>

<header>

<h1>LEARNER'S ACADEMY</h1>

<div>

<hr> <p> Learner’s Academy is a school that has an online management system. The system keeps track of its classes, subjects, students, and teachers. It has a back-office application with a single administrator login.</p><hr></div>

</header>

<main><div>

<h2>Login</h2>

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

<br></br>

<input type=*"email"* name=*"txtemail"* placeholder = *"Enter Email id"* required>

<br></br>

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

<br></br>

<button type=*"submit"*>Log In</button>

<p>If not a user then <a href=*"Signup.jsp"*>Sign up</a></p>

<br>

</form>

</div>

</main>

</body>

</html>

## 24.Logout.jsp

<%

session.invalidate();

response.sendRedirect("Loginpage.jsp");

%>

## 25.Signup.jsp

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

<link rel = *"stylesheet"* href=*"style.css"*>

</head>

<body>

<header>

<h1>LEARNER'S ACADEMY</h1>

</header>

<main><div>

<h2>Sign Up</h2>

<hr>

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

<hr>

<br></br>

<input type=*"text"* name=*"txtpname"* placeholder = *"Enter Your Name"* required>

<br></br>

<input type=*"email"* name=*"txtemail"* placeholder = *"Enter Email id"* required>

<br></br>

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

<br></br>

<input type=*"password"* name=*"txtpwd2"* placeholder = *"Conform Password"* required>

<br></br>

<button type=*"submit"*>Sign Up</button>

<br>

<hr>

</form>

</div>

</main>

</body>

</html>

## 26.Style.css

@charset *"UTF-8"*;

**h1**{

color:*rgb(201,* *68,* *90)*;

text-align: *center*;

text-decoration-line: *underline*;

}

**h2**{

color:*antiquewhite*;

background-color: *black*;

text-align: *center*;

font-family: *'Franklin Gothic Medium',* *'Arial Narrow',* *Arial,* *sans-serif*;

font-weight: *8*;

}

**form**{

text-align: *center*;

background-color: *bisque*;

}

**button**{

background-color: *black*;

color:*antiquewhite*;

}

**Button***:hover*{

color:*black*;

background-color: *antiquewhite* ;

}

**p**{

color: *rgb(49,* *4,* *24)*;

background-color:*antiquewhite*;

text-align:*center*;

}

**h1***::first-letter*{

COLOR:*rgb(18,* *93,* *18)*;

}

**table**{

text-align: *center*;

width:*100%*;

border: *1px* *solid*;

border-collapse: *collapse*;

}

**form** {

border: *5px* *solid* *black*;

}

**form** {

border-radius:*15px*;

}

**form** {

height: *200px*;

}

**h3**{

text-align: *center*;

font-weight: *700*;

color:*antiquewhite*;

background-color: *black*;

}

*#welcomeform*{

height: *25px*;

padding-top: *5px*;

}

*#logoutbutton*{

color:*antiquewhite*;

background-color: *black*;

padding: *5px*;

border-width: *3px*;

border-color: *antiquewhite*;

margin: *5px*;

border-radius: *10%*;

}

*#logoutdiv*{

display: *block*;

text-align: *right*;

}

*#logoutbutton:hover*{

color:*black*;

background-color: *antiquewhite* ;

}

## 27.Welcome.jsp

<%@page import=*"com.portal.models.Students"*%>

<%@page import=*"javax.persistence.criteria.CriteriaBuilder.In"*%>

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

<%@page import=*"com.portal.models.Classes"*%>

<%@page import=*"com.portal.services.ClassesService"*%>

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

<link rel = *"stylesheet"* href=*"style.css"*>

</head>

<body>

<nav><%

String name = (String)session.getAttribute("name");

**if**(name.isEmpty()){

response.sendRedirect("Loginpage.jsp");

}

%></nav>

<header>

<h1>LEARNER'S ACADEMY</h1>

<div id=*"logoutdiv"*> <a href=*"Logout.jsp"* id=*"logoutbutton"*>LogOut</a> </div>

<div>

<hr> <p> Learner’s Academy is a school that has an online management system. The system keeps track of its classes, subjects, students, and teachers. It has a back-office application with a single administrator login.</p><hr></div>

</header>

<hr>

<% String uname = (String)session.getAttribute("name"); %>

<h2>Welcome to : &nbsp;<%=uname %></h2>

<hr>

<br></br>

<h2>Class Information Dashboard</h2>

<form action= *"Welcome.jsp"* method=*"post"* id=*"welcomeform"*>

<label id=*"selectClass"*>Select class to see information : </label>

<select name=*"ddlclasses"* style="width:*150px*" id=*"selectClass"*>

<option value=*"-1"*>Select Class</option>

<%

ClassesService sc=**new** ClassesService();

List<Classes > call= sc.showAllClasses();

**for**(Classes c : call)

{

%>

<option value=*'*<%= c.getClass\_id() %>*'*>

<%=c.getClass\_name() %>

</option>

<%

}

%>

</select>

<button type=*"submit"*>Submit</button>

<br>

</form>

<% **try**{

String cid = request.getParameter("ddlclasses");

ClassesService cs = **new** ClassesService();

Classes c = cs.searchClasses(Integer.parseInt(cid));

%>

<h3> Subject info in Class :- <%=c.getClass\_name() %></h3>

<table >

<tr>

<th>Class Name</th>

<th>Subject\_1</th>

<th>Subject\_2</th>

<th>Subject\_3</th>

<th>Subject\_4</th>

<th>Subject\_5</th>

</tr>

<tr>

<td><%=c.getClass\_name() %> </td>

<td><%=c.getSubject1() %></td>

<td><%=c.getSubject2() %></td>

<td><%=c.getSubject3() %></td>

<td><%=c.getSubject4() %></td>

<td><%=c.getSubject5() %></td>

</tr>

</table>

<br></br>

<h3> Students info in Class :- <%=c.getClass\_name() %></h3>

<table >

<tr>

<th>Class Name</th>

<th>Student Id</th>

<th>Student Name</th>

</tr>

<% **for**(Students s: c.getStudents()){

%>

<tr>

<td><%=c.getClass\_name() %> </td>

<td><%=s.getStudent\_id() %></td>

<td><%=s.getStudent\_name() %></td>

</tr>

<% }}

**catch**(Exception e){

e.printStackTrace();

}

%>

</table>

</body>

</html>

## 28.WelcomeAdmin.jsp

<%@page import=*"com.portal.models.Students"*%>

<%@page import=*"javax.persistence.criteria.CriteriaBuilder.In"*%>

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

<%@page import=*"com.portal.models.Classes"*%>

<%@page import=*"com.portal.services.ClassesService"*%>

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

<link rel = *"stylesheet"* href=*"style.css"*>

</head>

<body>

<nav><%

String name = (String)session.getAttribute("name");

**if**(name.isEmpty()){

response.sendRedirect("Loginpage.jsp");

}

%></nav>

<header>

<h1>LEARNER'S ACADEMY</h1>

<div id=*"logoutdiv"*> <a href=*"Logout.jsp"* id=*"logoutbutton"*>LogOut</a> </div>

<div>

<hr> <p> Learner’s Academy is a school that has an online management system. The system keeps track of its classes, subjects, students, and teachers. It has a back-office application with a single administrator login.</p><hr></div>

</header>

<hr>

<% String uname = (String)session.getAttribute("name"); %>

<h2>Welcome to : &nbsp;<%=uname %></h2>

<hr />

<jsp:include page=*"Links.jsp"*/>

<hr />

<br></br>

<h2>Class Information Dashboard</h2>

<form action= *"Welcome.jsp"* method=*"post"* id=*"welcomeform"*>

<label id=*"selectClass"*>Select class to see information : </label>

<select name=*"ddlclasses"* style="width:*150px*" id=*"selectClass"*>

<option value=*"-1"*>Select Class</option>

<%

ClassesService sc=**new** ClassesService();

List<Classes > call= sc.showAllClasses();

**for**(Classes c : call)

{

%>

<option value=*'*<%= c.getClass\_id() %>*'*>

<%=c.getClass\_name() %>

</option>

<%

}

%>

</select>

<button type=*"submit"*>Submit</button>

<br>

</form>

<% **try**{

String cid = request.getParameter("ddlclasses");

ClassesService cs = **new** ClassesService();

Classes c = cs.searchClasses(Integer.parseInt(cid));

%>

<h3> Subject info in Class :- <%=c.getClass\_name() %></h3>

<table >

<tr>

<th>Class Name</th>

<th>Subject\_1</th>

<th>Subject\_2</th>

<th>Subject\_3</th>

<th>Subject\_4</th>

<th>Subject\_5</th>

</tr>

<tr>

<td><%=c.getClass\_name() %> </td>

<td><%=c.getSubject1() %></td>

<td><%=c.getSubject2() %></td>

<td><%=c.getSubject3() %></td>

<td><%=c.getSubject4() %></td>

<td><%=c.getSubject5() %></td>

</tr>

</table>

<br></br>

<h3> Students info in Class :- <%=c.getClass\_name() %></h3>

<table >

<tr>

<th>Class Name</th>

<th>Student Id</th>

<th>Student Name</th>

</tr>

<% **for**(Students s: c.getStudents()){

%>

<tr>

<td><%=c.getClass\_name() %> </td>

<td><%=s.getStudent\_id() %></td>

<td><%=s.getStudent\_name() %></td>

</tr>

<% }}

**catch**(Exception e){

e.printStackTrace();

}

%>

</table>

</body>

</html>