|  |  |
| --- | --- |
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1. **com.raghav.LearnerBean**

**1a.** **ClassesBean**

**package** com.raghav.LearnerBean;

**public** **class** ClassesBean

{

**private** String class\_name;

**private** **int** numberofstudent;

**private** String floor;

**public** String getClass\_name() {

**return** class\_name;

}

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

**this**.class\_name = class\_name;

}

**public** **int** getNumberofstudent() {

**return** numberofstudent;

}

**public** **void** setNumberofstudent(**int** numberofstudent) {

**this**.numberofstudent = numberofstudent;

}

**public** String getFloor() {

**return** floor;

}

**public** **void** setFloor(String floor) {

**this**.floor = floor;

}

@Override

**public** String toString() {

**return** "ClassesBean [class\_name=" + class\_name + ", numberofstudent=" + numberofstudent + ", floor=" + floor + "]";

}

}**1b.** **ClassReportBean**

**package** com.raghav.LearnerBean;

**public** **class** ClassReportBean

{

**private** String class\_name;

**private** String student\_name;

**private** String subject\_name;

**private** String teachers\_name;

**public** String getClass\_name() {

**return** class\_name;

}

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

**this**.class\_name = class\_name;

}

**public** String getStudent\_name() {

**return** student\_name;

}

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

**this**.student\_name = student\_name;

}

**public** String getSubject\_name() {

**return** subject\_name;

}

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

**this**.subject\_name = subject\_name;

}

**public** String getTeachers\_name() {

**return** teachers\_name;

}

**public** **void** setTeachers\_name(String teachers\_name) {

**this**.teachers\_name = teachers\_name;

}

@Override

**public** String toString() {

**return** "ClassReportBean [class\_name=" + class\_name + ", student\_name=" + student\_name + ", subject\_name="

+ subject\_name + ", teachers\_name=" + teachers\_name + "]";

}

}

**1c.** **StudentBean**

**package** com.raghav.LearnerBean;

**public** **class** StudentBean

{

**private** String student\_name;

**private** String student\_roll;

**private** String studing\_in;

**private** **int** student\_age;

**private** String student\_address;

@Override

**public** String toString() {

**return** "StudentBean [student\_name=" + student\_name + ", student\_roll=" + student\_roll + ", studing\_in=" + studing\_in

+ ", student\_age=" + student\_age + ", student\_address=" + student\_address + "]";

}

**public** String getStudent\_name() {

**return** student\_name;

}

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

**this**.student\_name = student\_name;

}

**public** String getStudent\_roll() {

**return** student\_roll;

}

**public** **void** setStudent\_roll(String student\_roll) {

**this**.student\_roll = student\_roll;

}

**public** String getStuding\_in() {

**return** studing\_in;

}

**public** **void** setStuding\_in(String studing\_in) {

**this**.studing\_in = studing\_in;

}

**public** **int** getStudent\_age() {

**return** student\_age;

}

**public** **void** setStudent\_age(**int** student\_age) {

**this**.student\_age = student\_age;

}

**public** String getStudent\_address() {

**return** student\_address;

}

**public** **void** setStudent\_address(String student\_address) {

**this**.student\_address = student\_address;

}

}

**1d.** **SubjectBean**

**package** com.raghav.LearnerBean;

**public** **class** SubjectBean

{

**private** String subject;

**private** String bookauthor;

**private** String subjectteacher;

**public** String getSubject() {

**return** subject;

}

**public** **void** setSubject(String subject) {

**this**.subject = subject;

}

**public** String getBookauthor() {

**return** bookauthor;

}

**public** **void** setBookauthor(String bookauthor) {

**this**.bookauthor = bookauthor;

}

**public** String getSubjectteacher() {

**return** subjectteacher;

}

**public** **void** setSubjectteacher(String subjectteacher) {

**this**.subjectteacher = subjectteacher;

}

@Override

**public** String toString() {

**return** "SubjectBean [subject=" + subject + ", bookauthor=" + bookauthor + ", subjectteacher=" + subjectteacher

+ "]";

}

}

**1e. TeacherBean**

**package** com.raghav.LearnerBean;

**public** **class** TeacherBean

{

**private** String teacher\_name;

**private** String teacher\_id;

**private** String subject\_expertise;

**private** **int** experience;

**private** **int** phone;

**public** String getTeacher\_name() {

**return** teacher\_name;

}

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

**this**.teacher\_name = teacher\_name;

}

**public** String getTeacher\_id() {

**return** teacher\_id;

}

**public** **void** setTeacher\_id(String teacher\_id) {

**this**.teacher\_id = teacher\_id;

}

**public** String getSubject\_expertise() {

**return** subject\_expertise;

}

**public** **void** setSubject\_expertise(String subject\_expertise) {

**this**.subject\_expertise = subject\_expertise;

}

**public** **int** getExperience() {

**return** experience;

}

**public** **void** setExperience(**int** experience) {

**this**.experience = experience;

}

**public** **int** getPhone() {

**return** phone;

}

**public** **void** setPhone(**int** phone) {

**this**.phone = phone;

}

@Override

**public** String toString() {

**return** "TeacherBean [teacher\_name=" + teacher\_name + ", teacher\_id=" + teacher\_id + ", subject\_expertise="

+ subject\_expertise + ", experience=" + experience + ", phone=" + phone + "]";

}

}

**1f. TimetableBean**

**package** com.raghav.LearnerBean;

**public** **class** TimetableBean

{

**private** String period;

**private** String classes\_assigned;

**private** String subjects\_assigned;

**private** String time\_duration;

**private** String teacher\_assigned;

**private** String student\_inclass;

**public** String getPeriod() {

**return** period;

}

**public** **void** setPeriod(String period) {

**this**.period = period;

}

**public** String getClasses\_assigned() {

**return** classes\_assigned;

}

**public** **void** setClasses\_assigned(String classes\_assigned) {

**this**.classes\_assigned = classes\_assigned;

}

**public** String getSubjects\_assigned() {

**return** subjects\_assigned;

}

**public** **void** setSubjects\_assigned(String subjects\_assigned) {

**this**.subjects\_assigned = subjects\_assigned;

}

**public** String getTime\_duration() {

**return** time\_duration;

}

**public** **void** setTime\_duration(String time\_duration) {

**this**.time\_duration = time\_duration;

}

**public** String getTeacher\_assigned() {

**return** teacher\_assigned;

}

**public** **void** setTeacher\_assigned(String teacher\_assigned) {

**this**.teacher\_assigned = teacher\_assigned;

}

**public** String getStudent\_inclass() {

**return** student\_inclass;

}

**public** **void** setStudent\_inclass(String student\_inclass) {

**this**.student\_inclass = student\_inclass;

}

@Override

**public** String toString() {

**return** "TimetableBean [period=" + period + ", classes\_assigned=" + classes\_assigned + ", subjects\_assigned="

+ subjects\_assigned + ", time\_duration=" + time\_duration + ", teacher\_assigned=" + teacher\_assigned

+ ", student\_inclass=" + student\_inclass + "]";

}

}

**1g. VerifyBean**

**package** com.raghav.LearnerBean;

**public** **class** VerifyBean

{

**private** String admin\_username;

**private** String admin\_password;

// default constructor already present

**public** String getAdmin\_username() {

**return** admin\_username;

}

**public** **void** setAdmin\_username(String admin\_username) {

**this**.admin\_username = admin\_username;

}

**public** String getAdmin\_password() {

**return** admin\_password;

}

@Override

**public** String toString() {

**return** "VerifyBean [admin\_username=" + admin\_username + ", admin\_password=" + admin\_password + "]";

}

**public** **void** setAdmin\_password(String admin\_password) {

**this**.admin\_password = admin\_password;

}

}

1. **com.raghav.Learnercontroller #Package**

**2a. LearnerAdmin**

**package** com.raghav.Learnercontroller;

**import** java.io.IOException;

**import** java.sql.ResultSet;

**import** java.util.List;

**import** javax.servlet.RequestDispatcher;

**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** com.raghav.LearnerBean.ClassReportBean;

**import** com.raghav.LearnerBean.ClassesBean;

**import** com.raghav.LearnerBean.StudentBean;

**import** com.raghav.LearnerBean.SubjectBean;

**import** com.raghav.LearnerBean.TeacherBean;

**import** com.raghav.LearnerBean.TimetableBean;

**import** com.raghav.LearnerBean.VerifyBean;

**import** com.raghav.Learnerservice.LearnerAdminService;

@WebServlet("/LearnerAdmin")

**public** **class** LearnerAdmin **extends** HttpServlet

{

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

{

LearnerAdminService adservice=**new** LearnerAdminService();

String buttonvalue=request.getParameter("button");

//1 Student list

**if**(buttonvalue.equalsIgnoreCase("GetListOFStudents"))

{

**try**

{

List<StudentBean> s3bean=adservice.getStudentsList();

request.setAttribute("table valuesinListofstudentbean", s3bean);

RequestDispatcher rd=request.getRequestDispatcher("/ListOfStudents.jsp");

rd.forward(request, response);

}

**catch** (Exception e)

{

e.printStackTrace();

}

}

//2 Teachers list

**else** **if**(buttonvalue.equalsIgnoreCase("GetListOFTeachers"))

{

**try**

{

List<TeacherBean>listofteachers2=adservice.getTeachersList();

request.setAttribute("table valuesinListofteachersbean", listofteachers2);

RequestDispatcher rd=request.getRequestDispatcher("/ListOfTeachers.jsp");

rd.forward(request, response);

}

**catch** (Exception e)

{

e.printStackTrace();

}

}

//3.List of Subjects

**else** **if**(buttonvalue.equalsIgnoreCase("GetListOFSubjects"))

{

**try**

{

List<SubjectBean>sub\_bean2=adservice.getSubjectsList();

request.setAttribute("subjectsTable in Sub\_bean list", sub\_bean2);

RequestDispatcher rd=request.getRequestDispatcher("/ListofSubjects.jsp");

rd.forward(request, response);

}

**catch** (Exception e)

{

e.printStackTrace();

}

}

//4. List of Classes

**else** **if**(buttonvalue.equalsIgnoreCase("GetListOFClasses"))

{

**try**

{

List<ClassesBean>listofclasses2=adservice.getClassesList();

request.setAttribute("values of table classes inListofclasses2",listofclasses2);

RequestDispatcher rd=request.getRequestDispatcher("/ListofClasses.jsp");

rd.forward(request, response);

}

**catch** (Exception e)

{

e.printStackTrace();

}

}

//5.Time table

**else** **if**(buttonvalue.equalsIgnoreCase("GetTimeTable"))

{

**try**

{

List<TimetableBean>timetablelist2=adservice.getTimeTable();

request.setAttribute("table valuesoftimetable inlist", timetablelist2);

RequestDispatcher rd=request.getRequestDispatcher("/TimeTable.jsp");

rd.forward(request, response);

}

**catch** (Exception e)

{

e.printStackTrace();

}

}

//6.ClassReport

**else** **if**(buttonvalue.equalsIgnoreCase("GetClassReport"))

{

**try**

{

List<ClassReportBean>classreportlist2=adservice.getClassReport();

request.setAttribute("table valuesofclassreport inlist", classreportlist2);

RequestDispatcher rd=request.getRequestDispatcher("/ClassReport.jsp");

rd.forward(request, response);

}

**catch** (Exception e)

{

e.printStackTrace();

}

}

**else**

{

//

}

}

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

{

HttpSession session =request.getSession();

String buttonvalue=request.getParameter("dash");

**if**(buttonvalue.equalsIgnoreCase("login"))

{

**try**

{

String admin\_username=request.getParameter("adminname");

String admin\_password=request.getParameter("adminpassword");

session.setAttribute("admin username", admin\_username);

session.setAttribute("admin password", admin\_password);

// service.login();

VerifyBean v1bean =**new** VerifyBean();

v1bean.setAdmin\_username(admin\_username);

v1bean.setAdmin\_password(admin\_password);

LearnerAdminService adservice=**new** LearnerAdminService();

VerifyBean beanfromdb=adservice.adminLogin(v1bean);

**if**(beanfromdb.getAdmin\_username()==**null** &&beanfromdb.getAdmin\_password()==**null**)

{

response.sendRedirect("Errorpage.jsp");

}

**else** **if**(beanfromdb.getAdmin\_username().equals(v1bean.getAdmin\_username())&& beanfromdb.getAdmin\_password().equals(v1bean.getAdmin\_password()))

{

RequestDispatcher rd=request.getRequestDispatcher("/AdminHome.jsp");

rd.forward(request, response);

}

}

**catch**(Exception e)

{

System.***out***.println(e);

}

}//if ends here for login

**if**(buttonvalue.equalsIgnoreCase("logout"))

{

// response.setHeader("Cache-Control","no-cache,no-store,must-revalidate");//http 1.1

// response.setHeader("", "no-store");//http 1.0

// response.setHeader("timer","0");// proxy

session.removeAttribute("admin username");

session.removeAttribute("admin password");

session.invalidate();

response.sendRedirect("LearnerAdminlogin.html");

}

}

}// class ends here

1. **com.raghav.LearnerDAO**

**3a. ClassesDAO**

**package** com.raghav.LearnerDAO;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** java.util.ArrayList;

**import** java.util.List;

**import** com.raghav.LearnerBean.ClassesBean;

**import** com.raghav.LearnerBean.SubjectBean;

**public** **class** ClassesDAO

{

**public** List<ClassesBean> getClassesList() **throws** Exception

{

String query="select \* from classes";

Class.*forName*("oracle.jdbc.OracleDriver");

Connection con = DriverManager.*getConnection*("jdbc:oracle:thin:@localhost:1521:xe", "nraghav", "raghavdb");

PreparedStatement pst =con.prepareStatement(query);

ResultSet rs=pst.executeQuery();

List<ClassesBean>listofclasses=**new** ArrayList();

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

{

ClassesBean cl\_bean=**new** ClassesBean();

cl\_bean.setClass\_name(rs.getString(1));

cl\_bean.setNumberofstudent(rs.getInt(2));

cl\_bean.setFloor(rs.getString(3));

listofclasses.add(cl\_bean);

}

**return** listofclasses;

}

}

**3b. ClassReportDAO**

**package** com.raghav.LearnerDAO;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** com.raghav.LearnerBean.ClassReportBean;

**import** java.sql.\*;

**import** java.util.\*;

**public** **class** ClassReportDAO

{

**public** List<ClassReportBean> getClassReport() **throws** Exception

{

String query="select \* from classreport";

Class.*forName*("oracle.jdbc.OracleDriver");

Connection con = DriverManager.*getConnection*("jdbc:oracle:thin:@localhost:1521:xe", "nraghav", "raghavdb");

PreparedStatement pst=con.prepareStatement(query);

ResultSet rs=pst.executeQuery();

List<ClassReportBean>classreportlist=**new** ArrayList();

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

{

ClassReportBean crbean=**new** ClassReportBean();

crbean.setClass\_name(rs.getString(1));

crbean.setStudent\_name(rs.getString(2));

crbean.setSubject\_name(rs.getString(3));

crbean.setTeachers\_name(rs.getString(4));

classreportlist.add(crbean);

}

**return** classreportlist;

}

}

**3c. LearnerAdminDAO**

**package** com.raghav.LearnerDAO;

**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** com.raghav.LearnerBean.VerifyBean;

**public** **class** LearnerAdminDAO

{

**public** List<VerifyBean> adminLogin( VerifyBean v3bean) **throws** Exception

{

String username\_fromuser=v3bean.getAdmin\_username();

String query="select \* from LearnerAcademyAdmin where admin\_username="+"'"+username\_fromuser+"'";

Class.*forName*("oracle.jdbc.OracleDriver");

Connection con = DriverManager.*getConnection*("jdbc:oracle:thin:@localhost:1521:xe", "nraghav", "raghavdb");

PreparedStatement pst=con.prepareStatement(query);

ResultSet rs=pst.executeQuery();

List<VerifyBean> beanfromdb\_inlist=**new** ArrayList();

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

{

VerifyBean beanfromdb=**new** VerifyBean();

// rs.getString(1);

// rs.getString(2);

beanfromdb.setAdmin\_username(rs.getString(1));

beanfromdb.setAdmin\_password(rs.getString(2));

beanfromdb\_inlist.add(beanfromdb);

}

**return** beanfromdb\_inlist;

}

}

**3d. StudentListDAO**

**package** com.raghav.LearnerDAO;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** java.util.ArrayList;

**import** java.util.List;

**import** com.raghav.LearnerBean.StudentBean;

**public** **class** StudentListDAO

{

**public** List<StudentBean> getStudentsList() **throws** Exception

{

String query="select \* from LearnerAcademyStudent";

Class.*forName*("oracle.jdbc.OracleDriver");

Connection con = DriverManager.*getConnection*("jdbc:oracle:thin:@localhost:1521:xe", "nraghav", "raghavdb");

PreparedStatement pst=con.prepareStatement(query);

ResultSet rs=pst.executeQuery();// we have whole table in rs now

List<StudentBean> listofstudent=**new** ArrayList();

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

{

StudentBean sbean=**new** StudentBean();

sbean.setStudent\_name(rs.getString(1));

sbean.setStudent\_roll(rs.getString(2));

sbean.setStuding\_in(rs.getString(3));

sbean.setStudent\_age(rs.getInt(4));

sbean.setStudent\_address(rs.getString(5));

listofstudent.add(sbean);

}

**return** listofstudent;

}

}

**3e. SubjectsDAO**

**package** com.raghav.LearnerDAO;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.\*;

**import** java.util.\*;

**import** com.raghav.LearnerBean.SubjectBean;

**public** **class** SubjectsDAO

{

**public** List<SubjectBean> getSubjectsList() **throws** Exception

{

String query="select \* from LearnerAcademySubjects";

Class.*forName*("oracle.jdbc.OracleDriver");

Connection con = DriverManager.*getConnection*("jdbc:oracle:thin:@localhost:1521:xe", "nraghav", "raghavdb");

PreparedStatement pst =con.prepareStatement(query);

ResultSet rs=pst.executeQuery();

List<SubjectBean>listofsubject=**new** ArrayList();

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

{

SubjectBean sub\_bean=**new** SubjectBean();

sub\_bean.setSubject(rs.getString(1));

sub\_bean.setBookauthor(rs.getString(2));

sub\_bean.setSubjectteacher(rs.getString(3));

listofsubject.add(sub\_bean);

}

**return** listofsubject;

}

}

**3f. TeachersListDAO**

**package** com.raghav.LearnerDAO;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.util.ArrayList;

**import** java.util.List;

**import** com.raghav.LearnerBean.TeacherBean;

**import** java.sql.\*;

**public** **class** TeachersListDAO

{

**public** List<TeacherBean> getTeachersList() **throws** Exception

{

String query="select \* from LearnerAcademyTeachers";

Class.*forName*("oracle.jdbc.OracleDriver");

Connection con = DriverManager.*getConnection*("jdbc:oracle:thin:@localhost:1521:xe", "nraghav", "raghavdb");

PreparedStatement pst =con.prepareStatement(query);

ResultSet rs=pst.executeQuery();

List<TeacherBean>listofteachers=**new** ArrayList();

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

{

TeacherBean tbean=**new** TeacherBean();

tbean.setTeacher\_name(rs.getString(1));

tbean.setTeacher\_id(rs.getString(2));

tbean.setSubject\_expertise(rs.getString(3));

tbean.setExperience(rs.getInt(4));

tbean.setPhone(rs.getInt(5));

listofteachers.add(tbean);

}

**return** listofteachers;

}

}

**3g. TimetableDAO**

**package** com.raghav.LearnerDAO;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** java.util.ArrayList;

**import** java.util.List;

**import** com.raghav.LearnerBean.TimetableBean;

**public** **class** TimetableDAO

{

**public** List<TimetableBean> getTimeTable() **throws** Exception

{

String query="select \* from timetable";

Class.*forName*("oracle.jdbc.OracleDriver");

Connection con = DriverManager.*getConnection*("jdbc:oracle:thin:@localhost:1521:xe", "nraghav", "raghavdb");

PreparedStatement pst=con.prepareStatement(query);

ResultSet rs=pst.executeQuery();

List<TimetableBean>timetablelist=**new** ArrayList();

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

{

TimetableBean tbean=**new** TimetableBean();

tbean.setPeriod(rs.getString(1));

tbean.setClasses\_assigned(rs.getString(2));

tbean.setSubjects\_assigned(rs.getString(3));

tbean.setTime\_duration(rs.getString(4));

tbean.setTeacher\_assigned(rs.getString(5));

tbean.setStudent\_inclass(rs.getString(6));

timetablelist.add(tbean);

}

**return** timetablelist;

}

}

1. **com.raghav.Learnerservice #Package**

**4a. LearnerAdminService**

**package** com.raghav.Learnerservice;

**import** java.sql.ResultSet;

**import** java.util.List;

**import** com.raghav.LearnerBean.ClassReportBean;

**import** com.raghav.LearnerBean.ClassesBean;

**import** com.raghav.LearnerBean.StudentBean;

**import** com.raghav.LearnerBean.SubjectBean;

**import** com.raghav.LearnerBean.TeacherBean;

**import** com.raghav.LearnerBean.TimetableBean;

**import** com.raghav.LearnerBean.VerifyBean;

**import** com.raghav.LearnerDAO.ClassReportDAO;

**import** com.raghav.LearnerDAO.ClassesDAO;

**import** com.raghav.LearnerDAO.LearnerAdminDAO;

**import** com.raghav.LearnerDAO.StudentListDAO;

**import** com.raghav.LearnerDAO.SubjectsDAO;

**import** com.raghav.LearnerDAO.TeachersListDAO;

**import** com.raghav.LearnerDAO.TimetableDAO;

**public** **class** LearnerAdminService

{

// 1.login method

**public** VerifyBean adminLogin(VerifyBean v2bean) **throws** Exception

{

LearnerAdminDAO ldao=**new** LearnerAdminDAO();

List<VerifyBean> beanfromdb\_inlist1=ldao.adminLogin(v2bean);

VerifyBean beanfromdb=**new** VerifyBean();

**for**(VerifyBean vbean:beanfromdb\_inlist1)

{

**if**(v2bean.getAdmin\_username().equals(vbean.getAdmin\_username())&&v2bean.getAdmin\_password().equals(vbean.getAdmin\_password()))

{

beanfromdb=vbean;

}

}

**return** beanfromdb;

}

//2.GetStudentList

**public** List<StudentBean> getStudentsList() **throws** Exception

{

StudentListDAO sdao=**new** StudentListDAO();

List<StudentBean> s1bean=sdao.getStudentsList();

**return** s1bean;

}

// 3.GetTeacherList

**public** List<TeacherBean> getTeachersList() **throws** Exception

{

TeachersListDAO tdao=**new** TeachersListDAO();

List<TeacherBean>listofteachers1=tdao.getTeachersList();

**return** listofteachers1;

}

//4. GetSubjects List

**public** List<SubjectBean> getSubjectsList() **throws** Exception

{

SubjectsDAO subdao=**new** SubjectsDAO();

List<SubjectBean>sub\_bean1=subdao.getSubjectsList();

**return** sub\_bean1;

}

//5.getClasses List

**public** List<ClassesBean> getClassesList() **throws** Exception

{

ClassesDAO cldao=**new** ClassesDAO();

List<ClassesBean>listofclasses1=cldao.getClassesList();

**return** listofclasses1;

}

//6.getTimeTable

**public** List<TimetableBean> getTimeTable() **throws** Exception

{

TimetableDAO tdao=**new** TimetableDAO();

List<TimetableBean>timetablelist1=tdao.getTimeTable();

**return** timetablelist1;

}

//7. getClassReport method

**public** List<ClassReportBean> getClassReport() **throws** Exception

{

ClassReportDAO crdao= **new** ClassReportDAO();

List<ClassReportBean>classreportlist1=crdao.getClassReport();

**return** classreportlist1;

}

}

**Web App Files**

1. **LearnerAdminlogin.html**
2. **AdminHome.jsp**
3. **ClassReport.jsp**
4. **Errorpage.jsp**
5. **Getclasseslist.jsp**
6. **Getclassreport.jsp**
7. **Getstudentslist.jsp**
8. **Getsubjectlist.jsp**
9. **Getteacherslist.jsp**
10. **Gettimetable.jsp**
11. **ListofClasses.jsp**
12. **ListOfStudents.jsp**
13. **ListofSubjects.jsp**
14. **ListOfTeachers.jsp**
15. **TimeTable.jsp**
16. **LearnerAdminlogin.html**

<!DOCTYPE html>

<html>

<head>

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

<title>Learner Admin page</title>

</head>

<body>

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

<table align=*"center"* >

<h2 align=*"center"*>LearnerAcademy Admin login</h2>

<tr>

<td>Enter Username:<input type=*"text"* name=*"adminname"*></td>

</tr>

<tr>

<td>Enter Password:<input type=*"password"* name=*"adminpassword"*></td>

</tr>

<tr>

<td><input type=*"submit"* value=*"login"* name=*"dash"*></td>

</tr>

</table>

</form>

</body>

</html>

1. **AdminHome.jsp**

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Admin Home Page</title>

</head>

<body>

<%

response.setHeader("Cache-Control","no-cache,no-store,must-revalidate");//for Http 1.1

response.setHeader("Pragma","no-cache"); //for Http 1.0

response.setHeader("Expires","0"); // for proxies

**if**(session.getAttribute("admin username")==**null**)

{

response.sendRedirect("LearnerAdminlogin.html");

}

%>

<form>

<table align=*"center"*>

<h2 align=*"center"*>Welcome Admin!</h2>

<hr>

<tr>

<td><a href=*"Getstudentslist.jsp"*>List of students</a><br></td>

</tr>

<tr>

<td><a href=*"Getteacherslist.jsp"*>List of teachers</a><br></td>

</tr>

<tr>

<td><a href=*"Getsubjectlist.jsp"*>List of subjects</a><br></td>

</tr>

<tr>

<td><a href=*"Getclasseslist.jsp"*>List of classes</a><br></td>

</tr>

<tr>

<td><a href=*"Gettimetable.jsp"*>Time Table</a></td>

</tr>

<tr>

<td><a href=*"Getclassreport.jsp"*>ClassReport</a></td>

</tr>

</table>

</form>

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

<table align=*"center"*>

<tr>

<br>

</tr>

<tr>

<br>

</tr>

<tr>

<td><input type=*"submit"* value=*"logout"* name=*"dash"*></td>

</tr>

</table>

</form>

</body>

</html>

1. **ClassReport.jsp**

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

pageEncoding=*"UTF-8"*%>

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

<%@ page import=*"com.raghav.LearnerBean.ClassReportBean"* %>

<!DOCTYPE html>

<html>

<head>

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

<title>ClassReport Data</title>

</head>

<body>

<%

response.setHeader("Cache-Control","no-cache,no-store,must-revalidate");//for Http 1.1

response.setHeader("Pragma","no-cache"); //for Http 1.0

response.setHeader("Expires","0"); // for proxies

**if**(session.getAttribute("admin username")==**null**)

{

response.sendRedirect("LearnerAdminlogin.html");

}

%>

<h2 align=*"center"*>ClassReport</h2>

<%

List<ClassReportBean>classreportlist=(List<ClassReportBean>)request.getAttribute("table valuesofclassreport inlist");

**for**( ClassReportBean crbean:classreportlist)

{

%>

<table align=*"center"* border=*"1"*>

<tr>

<td align=*"center"*>Class</td>

<td align=*"center"*>Student Name</td>

<td align=*"center"*>Subject Name</td>

<td align=*"center"*>Teachers Name</td>

</tr>

<tr>

<td align=*"center"*><%=crbean.getClass\_name()%></td>

<td align=*"center"*><%=crbean.getStudent\_name()%></td>

<td align=*"center"*><%=crbean.getSubject\_name()%></td>

<td align=*"center"*><%=crbean.getTeachers\_name()%></td>

</tr>

<tr>

<br>

</tr>

</table>

<%

}

%>

</body>

</html>

1. **Errorpage.jsp**

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Error page</title>

</head>

<body>

<h2 align=*"center"*>login Error</h2>

<hr>

<table align=*"center"*>

<tr>

<td>Invalid credential <a href=*"LearnerAdminlogin.html"*>login again</a></td>

</tr>

</table>

</body>

</html>

1. **Getclasseslist.jsp**

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Get Classes Detail</title>

</head>

<body>

<%

response.setHeader("Cache-Control","no-cache,no-store,must-revalidate");//for Http 1.1

response.setHeader("Pragma","no-cache"); //for Http 1.0

response.setHeader("Expires","0"); // for proxies

**if**(session.getAttribute("admin username")==**null**)

{

response.sendRedirect("LearnerAdminlogin.html");

}

%>

<form action=*"LearnerAdmin"* method=*"get"*>

<table align=*"center"*>

<h2 align=*"center"*> Get Classes Page</h2>

<hr>

<tr>

<td><input type=*"submit"* value=*"GetListOFClasses"* name=*"button"*></td>

</tr>

</table>

</form>

</body>

</html>

1. **Getclassreport.jsp**

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title> Get Class Report<</title>

</head>

<body>

<%

response.setHeader("Cache-Control","no-cache,no-store,must-revalidate");//for Http 1.1

response.setHeader("Pragma","no-cache"); //for Http 1.0

response.setHeader("Expires","0"); // for proxies

**if**(session.getAttribute("admin username")==**null**)

{

response.sendRedirect("LearnerAdminlogin.html");

}

%>

<form action=*"LearnerAdmin"* method=*"get"*>

<table align=*"center"*>

<h2 align=*"center"*> ClassReport Page</h2>

<hr>

<tr>

<td><input type=*"submit"* value=*"GetClassReport"* name=*"button"*></td>

</tr>

</table>

</form>

</body>

</html>

1. **Getstudentslist.jsp**

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>List of student</title>

</head>

<body>

<%

response.setHeader("Cache-Control","no-cache,no-store,must-revalidate");//for Http 1.1

response.setHeader("Pragma","no-cache"); //for Http 1.0

response.setHeader("Expires","0"); // for proxies

**if**(session.getAttribute("admin username")==**null**)

{

response.sendRedirect("LearnerAdminlogin.html");

}

%>

<form action=*"LearnerAdmin"* method=*"get"*>

<table align=*"center"*>

<h2 align=*"center"*>Student Page</h2>

<hr>

<tr>

<td><input type=*"submit"* value=*"GetListOFStudents"* name=*"button"*></td>

</tr>

</table>

</form>

</body>

</html>

1. **Getsubjectlist.jsp**

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Get Subject page</title>

</head>

<body>

<%

response.setHeader("Cache-Control","no-cache,no-store,must-revalidate");//for Http 1.1

response.setHeader("Pragma","no-cache"); //for Http 1.0

response.setHeader("Expires","0"); // for proxies

**if**(session.getAttribute("admin username")==**null**)

{

response.sendRedirect("LearnerAdminlogin.html");

}

%>

<form action=*"LearnerAdmin"* method=*"get"*>

<h2 align=*"center"*>Get Subjects List from here!</h2>

<table align=*"center"*>

<tr>

<br>

</tr>

<tr>

<td align=*"center"*><input type=*"submit"* value=*"GetListOFSubjects"* name=*"button"*></td>

</tr>

</table>

</form>

</body>

</html>

1. **Getteacherslist.jsp**

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Get Teachers Details</title>

</head>

<body>

<%

response.setHeader("Cache-Control","no-cache,no-store,must-revalidate");//for Http 1.1

response.setHeader("Pragma","no-cache"); //for Http 1.0

response.setHeader("Expires","0"); // for proxies

**if**(session.getAttribute("admin username")==**null**)

{

response.sendRedirect("LearnerAdminlogin.html");

}

%>

<form action=*"LearnerAdmin"* method=*"get"*>

<table align=*"center"*>

<h2 align=*"center"*>Teachers Page</h2>

<hr>

<tr>

<td><input type=*"submit"* value=*"GetListOFTeachers"* name=*"button"*></td>

</tr>

</table>

</form>

</body>

</html>

1. **Gettimetable.jsp**

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Get Time table page</title>

</head>

<body>

<%

response.setHeader("Cache-Control","no-cache,no-store,must-revalidate");//for Http 1.1

response.setHeader("Pragma","no-cache"); //for Http 1.0

response.setHeader("Expires","0"); // for proxies

**if**(session.getAttribute("admin username")==**null**)

{

response.sendRedirect("LearnerAdminlogin.html");

}

%>

<form action=*"LearnerAdmin"* method=*"get"*>

<table align=*"center"*>

<h2 align=*"center"*>Time Table Page</h2>

<hr>

<tr>

<td><input type=*"submit"* value=*"GetTimeTable"* name=*"button"*></td>

</tr>

</table>

</form>

</body>

</html>

1. **ListofClasses.jsp**

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

pageEncoding=*"UTF-8"*%>

<%@ page import=*"com.raghav.LearnerBean.ClassesBean"* %>

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

<!DOCTYPE html>

<html>

<head>

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

<title>List of Classes</title>

</head>

<body>

<%

response.setHeader("Cache-Control","no-cache,no-store,must-revalidate");//for Http 1.1

response.setHeader("Pragma","no-cache"); //for Http 1.0

response.setHeader("Expires","0"); // for proxies

**if**(session.getAttribute("admin username")==**null**)

{

response.sendRedirect("LearnerAdminlogin.html");

}

%>

<h2 align=*"center"*>List of Classes!</h2>

<%

List<ClassesBean>listofclasses=(List<ClassesBean>)request.getAttribute("values of table classes inListofclasses2");

// list of subject has many sub\_bean objects , each object contains a single row of a table, need to fetch it from the list

**for**(ClassesBean clbean:listofclasses)

{

%>

<table align=*"center"* border=*""*>

<tr>

<td align=*"center"*>Class Name</td>

<td align=*"center"*>NumberOFStudent</td>

<td align=*"center"*>Floor</td>

</tr>

<tr>

<td align=*"center"*><%=clbean.getClass\_name()%></td>

<td align=*"center"*><%=clbean.getNumberofstudent()%></td>

<td align=*"center"*><%=clbean.getFloor()%></td>

</tr>

<br>

</table>

<%

}

%>

</body>

</html>

1. **ListOfStudents.jsp**

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

pageEncoding=*"UTF-8"*%>

<%@ page import=*"com.raghav.LearnerBean.StudentBean"* %>

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

<!DOCTYPE html>

<html>

<head>

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

<title>List of Students</title>

</head>

<body>

<%

response.setHeader("Cache-Control","no-cache,no-store,must-revalidate");//for Http 1.1

response.setHeader("Pragma","no-cache"); //for Http 1.0

response.setHeader("Expires","0"); // for proxies

**if**(session.getAttribute("admin username")==**null**)

{

response.sendRedirect("LearnerAdminlogin.html");

}

%>

<h2 align=*"center"*>List of Students of LearnerAcademy and Their Details</h2>

<%

List<StudentBean> listofstudent =(List<StudentBean>)request.getAttribute("table valuesinListofstudentbean");

**for**(StudentBean sbean:listofstudent)

{

%>

<table align=*"center"* border=*"1"*>

<tr>

<td align=*"center"*>Student Name:</td><td align=*"center"*><%=sbean.getStudent\_name()%></td>

</tr>

<tr>

<td align=*"center"*>Student RollNumber:</td><td align=*"center"*><%=sbean.getStudent\_roll()%></td>

</tr>

<tr>

<td align=*"center"*>Student Studing In:</td><td align=*"center"*><%=sbean.getStuding\_in()%></td>

</tr>

<tr>

<td align=*"center"*>Student Age:</td><td align=*"center"*><%=sbean.getStudent\_age()%></td>

</tr>

<tr>

<td align=*"center"*>Student Address:</td><td align=*"center"*><%=sbean.getStudent\_address()%></td>

</tr>

<tr>

<br>

</tr>

</table>

<%

}

%>

</body>

</html>

1. **ListofSubjects.jsp**

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

pageEncoding=*"UTF-8"*%>

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

<%@ page import=*"com.raghav.LearnerBean.SubjectBean"* %>

<!DOCTYPE html>

<html>

<head>

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

<title>List of Subject Page</title>

</head>

<body>

<%

response.setHeader("Cache-Control","no-cache,no-store,must-revalidate");//for Http 1.1

response.setHeader("Pragma","no-cache"); //for Http 1.0

response.setHeader("Expires","0"); // for proxies

**if**(session.getAttribute("admin username")==**null**)

{

response.sendRedirect("LearnerAdminlogin.html");

}

%>

<h2 align=*"center"*>List of Subjects!</h2>

<%

List<SubjectBean>listofsubjects=(List<SubjectBean>)request.getAttribute("subjectsTable in Sub\_bean list");

// list of subject has many sub\_bean objects , each object contains a single row of a table, need to fetch it from the list

**for**(SubjectBean sub\_bean:listofsubjects)

{

%>

<table align=*"center"* border=*""*>

<tr>

<td align=*"center"*>Subject</td>

<td align=*"center"*>BookAuthor</td>

<td align=*"center"*>SubjectTeacher</td>

</tr>

<tr>

<td align=*"center"*><%=sub\_bean.getSubject()%></td>

<td align=*"center"*><%=sub\_bean.getBookauthor()%></td>

<td align=*"center"*><%=sub\_bean.getSubjectteacher()%></td>

</tr>

<br>

</table>

<%

}

%>

</body>

</html>

1. **ListOfTeachers.jsp**

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

pageEncoding=*"UTF-8"*%>

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

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

<%@ page import=*"com.raghav.LearnerBean.TeacherBean"* %>

<!DOCTYPE html>

<html>

<head>

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

<title>List of Teachers</title>

</head>

<body>

<%

response.setHeader("Cache-Control","no-cache,no-store,must-revalidate");//for Http 1.1

response.setHeader("Pragma","no-cache"); //for Http 1.0

response.setHeader("Expires","0"); // for proxies

**if**(session.getAttribute("admin username")==**null**)

{

response.sendRedirect("LearnerAdminlogin.html");

}

%>

<h2 align=*"center"*>List of Teachers of LearnerAcademy and Their Details</h2>

<table align=*"center"*>

<%

List<TeacherBean>listofteachers=(List<TeacherBean>)request.getAttribute("table valuesinListofteachersbean");

**for**(TeacherBean tbean:listofteachers)

{

%>

<table align=*"center"* border=*"1"*>

<tr>

<td align=*"center"*>Teacher Name</td>

<td align=*"center"*>Teacher ID</td>

<td align=*"center"*>Teacher Expertise</td>

<td align=*"center"*>Teacher Experience</td>

<td align=*"center"*>Teacher Phone</td>

</tr>

<tr>

<td align=*"center"*><%= tbean.getTeacher\_name() %></td>

<td align=*"center"*><%= tbean.getTeacher\_id() %></td>

<td align=*"center"*><%= tbean.getSubject\_expertise() %></td>

<td align=*"center"*><%= tbean.getExperience() %></td>

<td align=*"center"*><%= tbean.getPhone() %></td>

</tr>

<tr>

<br>

</tr>

</table>

<%

}

%>

</table>

</body>

</html>

1. **TimeTable.jsp**

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

pageEncoding=*"UTF-8"*%>

<%@ page import=*"com.raghav.LearnerBean.TimetableBean"* %>

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

<!DOCTYPE html>

<html>

<head>

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

<title>Time Table page</title>

</head>

<body>

<body>

<%

response.setHeader("Cache-Control","no-cache,no-store,must-revalidate");//for Http 1.1

response.setHeader("Pragma","no-cache"); //for Http 1.0

response.setHeader("Expires","0"); // for proxies

**if**(session.getAttribute("admin username")==**null**)

{

response.sendRedirect("LearnerAdminlogin.html");

}

%>

<h2 align=*"center"*>Time Table with Classes, Subjects,and Teachers Assigned!</h2>

<%

List<TimetableBean>timetablelist=(List<TimetableBean>)request.getAttribute("table valuesoftimetable inlist");

// list of subject has many sub\_bean objects , each object contains a single row of a table, need to fetch it from the list

**for**(TimetableBean tbean:timetablelist)

{

%>

<table align=*"center"* border=*""*>

<tr>

<td align=*"center"*>Period</td>

<td align=*"center"*>Classes Assigned</td>

<td align=*"center"*>Subject Assigned</td>

<td align=*"center"*>Time Duration</td>

<td align=*"center"*>Teacher Assigned</td>

<td align=*"center"*>Student InClass</td>

</tr>

<tr>

<td align=*"center"*><%=tbean.getPeriod() %></td>

<td align=*"center"*><%=tbean.getClasses\_assigned() %></td>

<td align=*"center"*><%=tbean.getSubjects\_assigned() %></td>

<td align=*"center"*><%=tbean.getTime\_duration() %></td>

<td align=*"center"*><%=tbean.getTeacher\_assigned() %></td>

<td align=*"center"*><%=tbean.getStudent\_inclass() %></td>

</tr>

<br>

</table>

<%

}

%>

</body>

</body>

</html>