

Project Name

Learner's Academy

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Overview

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.

Goals

- 1. Set up a master list of all the subjects for all the classes
- 2. Set up a master list of all the teachers
- 3. Set up a master list of all the classes
- 4. Assign classes for subjects from the master list
- 5. Assign teachers to a class for a subject (A teacher can be assigned to different classes for different subjects)
- 6. Get a master list of students (Each student must be assigned to a single class)
- 7. There will be an option to view a Class Report which will show all the information about the class, such as the list of students, subjects, and teachers
- 8. The goal of the company is to deliver a high-end quality product as early as possible.

Using the application

On running the application, a login page is displayed, user has to login with following credentials

Username: shiva

password:12345

1. On login, a dashboard will appear where user can do different operations..

- 2. creating master list for classes, students, subjects and teachers by entering details in respective places.
 - Adding classes
 - Adding students
 - Adding subjects
 - Adding teachers
- 3. user can able to see the masterlist by clicking on respective links
 - View classes
 - View students
 - View subjects
 - View teachers
- 4.user can able to assign the different parameters.
 - Assigning class to students
 - Assigning subjects to class
 - Assigning teachers to class
 - Assigning subjects to teachers

5.user can able to see the classreport for a particular class. The class report contains following data

- Students present in that class
- Teachers assigned for that class with their respective subjects.
- 6. Finally user can logout by clicking on logout button.

Project setup

JRE System Library [JavaSE-1.8] ✓

src/main/java → ♣ hibernate > 🕖 hibernateCon.java > 💹 ListClasses.java > 💹 ListStudents.java > 💹 ListSubjects.java > 💹 ListTeachers.java > III saveClassDB.java > III saveStudentsDB.java > III saveSubjectsDB.java > III saveTeachersDB.java ✓

 servlets > AddClass.java > 🔎 AddStudents.java > AddSubject.java > AddTeacher.java > AssignStudentToClass.java AssignSubToClass.java AssignTeacherToSub.java AssignTeaToClass.java J loginController.java J logoutController.java x hibernate.cfg.xml Server Runtime [apache-tomcat-10.0.13] > Meb App Libraries > Referenced Libraries > 🗁 build > 🥟 lib →

Src →

 main > 🐎 java > > META-INF > > WEB-INF assignStudentToClass.jsp assignSubjectToClass.jsp assignTeacherToClass.jsp assignTeacherToSubject.jsp chooseClassReport.jsp classReport.jsp Dashboard.html login.html ViewClass.jsp viewStuClass.jsp viewStudent.jsp viewSubClass.jsp viewSubject.jsp viewTeachers.jsp viewTeaClass.jsp viewTeaSub.jsp

Technologies

Technologies used in project:

- java 8
- Eclipse
- Servlet
- Jsp
- Html
- Mysql
- Hibernate

Git hub link

You can find the .java files in src/main folder.

Do use username and password as mentioned above.

https://github.com/Lordshiva420/Learner-s-Academy