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## PROJECT STEP 4 and STEP 5

### Step 4)

We designed a course registration system where you can add instructors and students to the system from admin panel and delete them from the system from the admin panel. Here is the admin panel interface:

STUDENT LIST

STUDENT ID	NAME
1	ygt
2	aybrk

ADD STUDENT

Type the student name  
Type student id  
Type student password  
Type credit of student

ADD

DELETE STUDENT

Delete student with given ID

DELETE

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INSTRUCTOR LIST

INSTRUCTOR ID	NAME	SALARY
1	dijkstra	150000

ADD INSTRUCTOR

Type the instructor name  
Type the instructor id  
Type instructor password  
Type the salary of instructor

ADD

DELETE INSTRUCTOR

Delete instructor with given ID

DELETE

Admin panel has 4 main functions: Delete student implemented in “deleteStudent.php”, add student in “addStudent.php”; delete instructor in “deleteInstructor.php” and add instructor in “addInstructor.php” which are provided in project folder. Selection function of the project is implemented in step-5 part so we did not implement selection functionality in admin panel. So step-5 features are given below.

### Step 5)

The enter page of the system is “main.php”, and it gives navigation to 3 pages which are “adminpanel.php”, “studentlogin.php” and “instructorlogin.php”. Main page and these 3 pages are shown below.



“/main.php”

## INSTRUCTOR LOGIN

**Instructor ID**

**Password**

“/instructorlogin.php”

## STUDENT LOGIN

Student ID	<input type="text" value="Type the student id"/>
Password	<input type="password" value="Type student password"/>
<input type="button" value="LOGIN"/>	

“/studentlogin.php”

After right credentials entered, studentlogin and instructorlogin pages navigates to “studentpage.php” and “instructorpage.php” which are the main pages of student and instructor. The main functionalities of instructorpage are adding/deleting courses to/from the system and also showing all the courses and the courses given by that instructor, this part is consist of the **selection** functionalities desired in Step 4 with filtering all the courses with given instructor id. Remember that our system is concurrent and work on session base. So, the login credentials are effective for constructing the “Teaches” relation with the proper instructor id.

Also studentpage has the functionalities to add/drop courses provided in the system. It also creates “Takes” relation with the session based credentials of that student. That page also shows all the courses and the courses taken by this student. So this parts are again consist of **selection** functionality. The system is also concurrently increase and decrease the capacities of the courses when students register or drop a course. These functionalities managed by bunch of files like “getCourses\_student.php”, “registerCourse.php”, “dropCourse.php” etc. So sequentially the system flows like:

- ➔ Admin adds instructors and students.
- ➔ Instructor provide courses to the system. //Courses are also shown in the student page when added.
- ➔ Students register to the courses. //Capacities are managed and shown both in the studentpage and instructorpage.

All the “php” files that manages this processes are also provided in the project folder. The screenshots of the studentpage and instructorpage are given below:

#### MY COURSES GIVEN

CRN	NAME	CAPACITY	CREDIT	INSTRUCTOR ID
2	CS301	20	3	1
5	CS404	100	4	1
7	CS300	45	20	1

#### ALL COURSES

CRN	NAME	CAPACITY	CREDIT	INSTRUCTOR ID
1	CS306	100	4	2
2	CS301	20	3	1
3	CS307	50	3	2
5	CS404	100	4	1
7	CS300	45	20	1

#### ADD COURSE

Type the course name  
  
Type course id (CRN)  
  
Type the capacity of the cour  
  
Type the credit of the course

ADD

#### DELETE COURSE

Delete course with given ID

DELETE

“instructorpage.php”

#### MY COURSES

CRN	NAME	CREDIT
2	CS301	3
3	CS307	3
5	CS404	4

#### ALL COURSES

CRN	NAME	CAPACITY	CREDIT	INSTRUCTOR ID
1	CS306	100	4	2
2	CS301	19	3	1
3	CS307	49	3	2
5	CS404	99	4	1
7	CS300	45	20	1

TAKE COURSE

DROP COURSE

“studentpage.php”