Seminar and Project Allocation

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Goal of the Project

Allocating projects to the interested students based on their interests.

Types of user

1.) Instructor:- Instructor can create new projects for the students.Instructor will see Instructor Home, Create Project, Instructor Project detail Edit, Instructor closed project, Instructor closed project detail, Student Public Profile, Suggestion box, Suggestion box detail and Change password interface.

2.) Admin:- Role of admin is to create instructor and student account using the instructor and student database. Initially admin might set any password for the instructor and student which they could change later. Admin will see Sign Up interface.

3.) Student:- Student can apply for the projects. Student will see Student Home, Student Edit Profile, Student Project detail, Student project allocated, Change password, Suggestion box and Suggestion box detail interface.

These interfaces are described below.

Interface Description

Login:- Instructor, Student and Admin could login using their loginID and password.

Sign Up:- Admin can create instructor and student account using instructor and student database. Admin can also edit CPI,name of the student and branch of the student using studentID.

Instructor Home:- List of all the projects available under that instructor. On clicking any project it will redirect to Instructor Project detail Edit interface. There will be links to redirect to create project, closed project, change password and suggestion box interface too.

Create Project:- Instructor can create a new project describing the project description, CPI cutoff, maximum number of students needed,etc which on submit will redirect to Instructor home interface and there will be a home button too which will redirect to Instructor home interface.

Instructor project detail Edit:- Description of the selected project created by the instructor will be displayed here other than that other information like CPI cutoff,field of the project, maximum number of students eligible and list of all the students who applied could also be seen there. On clicking any of the student in the list it will redirect to the public profile of that student. On clicking X in front of student name instructor can reject any student and on clicking ✓instructor can select any student for the project and when an instructor has selected all the students he may close the project which will send this project to Instructor closed project interface

Instructor closed project:- List of all the projects closed by the instructor could be found here. On clicking any project it will redirect to Instructor closed project detail interface.

Instructor closed project detail:- This interface shows description of the project, selected students and field of the project.

Student Public Profile:- Here instructor could see the various informations regarding the student like his CPI,Branch,resume(which the student has to upload and edit in student edit profile interface) and interests.

Student Home:- List of all the projects available could be seen here. On clicking any project it will redirect to Student Project detail interface. There will be links to redirect to student project allocated, student edit profile, change password and suggestion box interface too. Students can also search through the projects using field of the project.

Student project detail:- Description of the selected project created by the instructor will be displayed here other than that other information like CPI cutoff,field of the project and maximum number of students eligible too will be there.

Student Edit Profile:- Student can edit interests and resume link here.

Student project allocated:- List of all the projects allocated to the student can be seen here that is when an instructor clicks ✓in Instructor project detail edit interface for this student. On clicking any project it will redirect to student project allocated detail interface. On clicking ✓in front of project student can select any project. Student will have to respond in 2 days time else it is assumed as the student dropped the project so instructor can select any other student from instructor project detail edit interface.

Change password:- Instructor and student can change their password by typing instructorID/studentID, old password,instructor/student(in case instructorID and studentID is same and both of them kept the same password) and new password.

Suggestion box:- List of all the users with which login user has a conversation could be seen here. On clicking any conversation it will redirect to Suggestion box detail interface.

Suggestion box detail:- All the conversation between the clicked user and login user could be seen here.

Testing

We will perform following tasks to test our project.

1) We will create some of the database of instructor table, student table, AllProjects etc and check all the aforementioned functionalities.

2) We will create project using an instructor account and see if the project details are visible properly in the student home.

3) We will login using the accounts created by the admin.

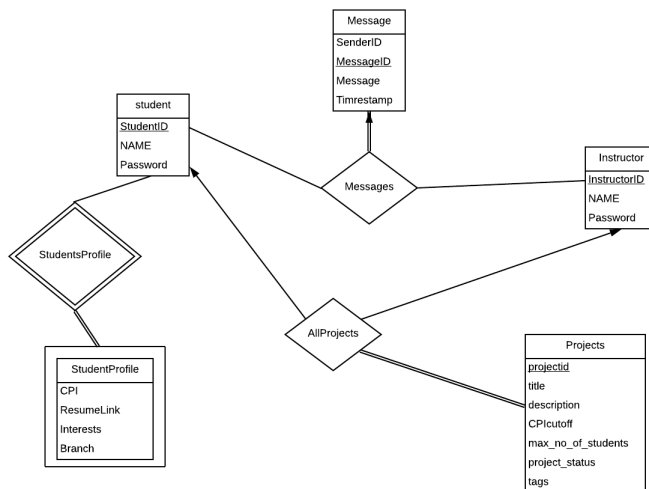4) We will see if the projects are getting properly filtered from a student profile on the basis of the tags assigned by the instructor.
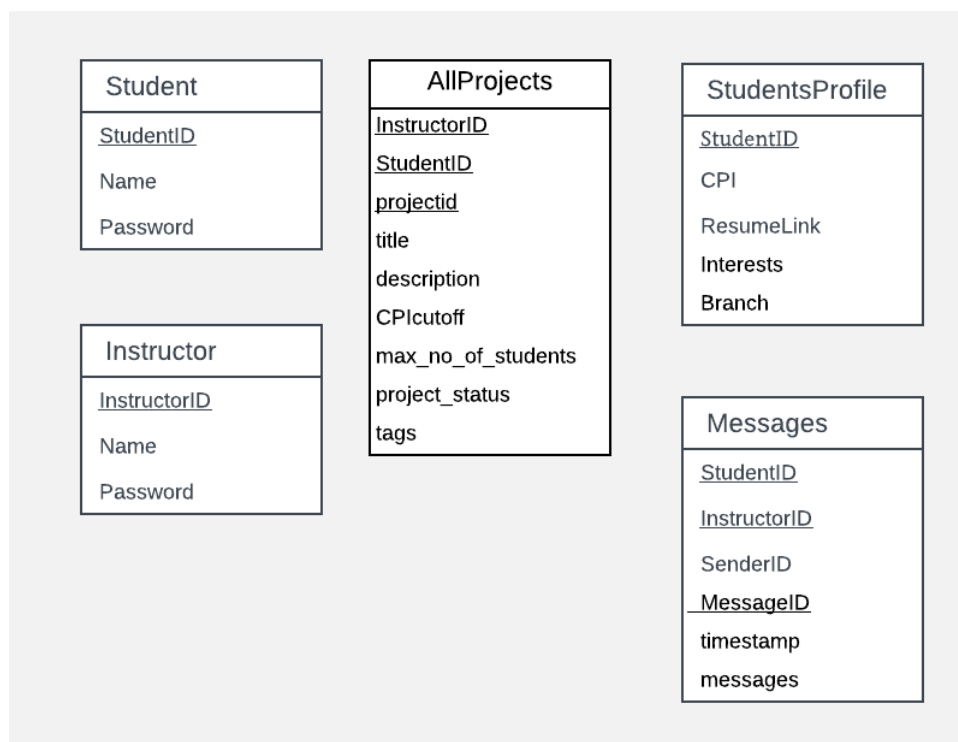
Figure 1: ER Diagram

Figure 2: Table Design