

CS387-DBIS-Lab Project

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In-course Feedback Web-App

1 Overview

We are going to make an in-course feedback app which can be used to give and view feedback for courses taken by any student.

2 Functional Specifications

We wish to add following specifications to our app:

- Separate Log-in and sign-up for students and instructors.
- Student can only give feedback to the courses which only he/she is associated with but can view feedback of all courses.
- Student can choose whether to be anonymous or not.
- If a student chooses to be anonymous, he/she will still be visible to other students but not instructors.
- Separate sections for feedback on different aspects of a course such as homework, exams, teaching etc.

- A scale between 0 to 10 to rate a course numerically.
- Filter courses by semester and year.
- An option up-vote a feedback anonymously to make it more visible to other students as the feedback will be shown sorted w.r.t to number of up-votes.

3 Design Features

3.1 Types of users

- There will be two kinds of users, students and instructors.
- After logging in, the student will see the courses he/she has taken in the current semester and option to add and view feedback of the same.
- Also, a student can go to his/her profile and see all the reviews he/she has given over all the semesters.
- Instructor, after logging in, will see the courses he/she has taken in the semester and feedback to it.
- An instructor can also see the feedback for all the courses he/she has been associated with in his profile.

3.2 Interfaces

- Log-in page for both instructor and student
- Home page for student will have the course list he/she has taken in the current semester, A search box and

semester/year filter to view feedback of some specific course for a specific year or semester.

- Home page for instructor his/her courses and view feedback option for those courses.
- When a course is clicked, a new page for feedback details which will have all details info about the course, like number of grades, grading stats, all feedback, rating etc. Both student and instructor will use this.
- Profile page for both instructor and student having all personal details and past courses.
- Additional pages for about, suggestions etc.

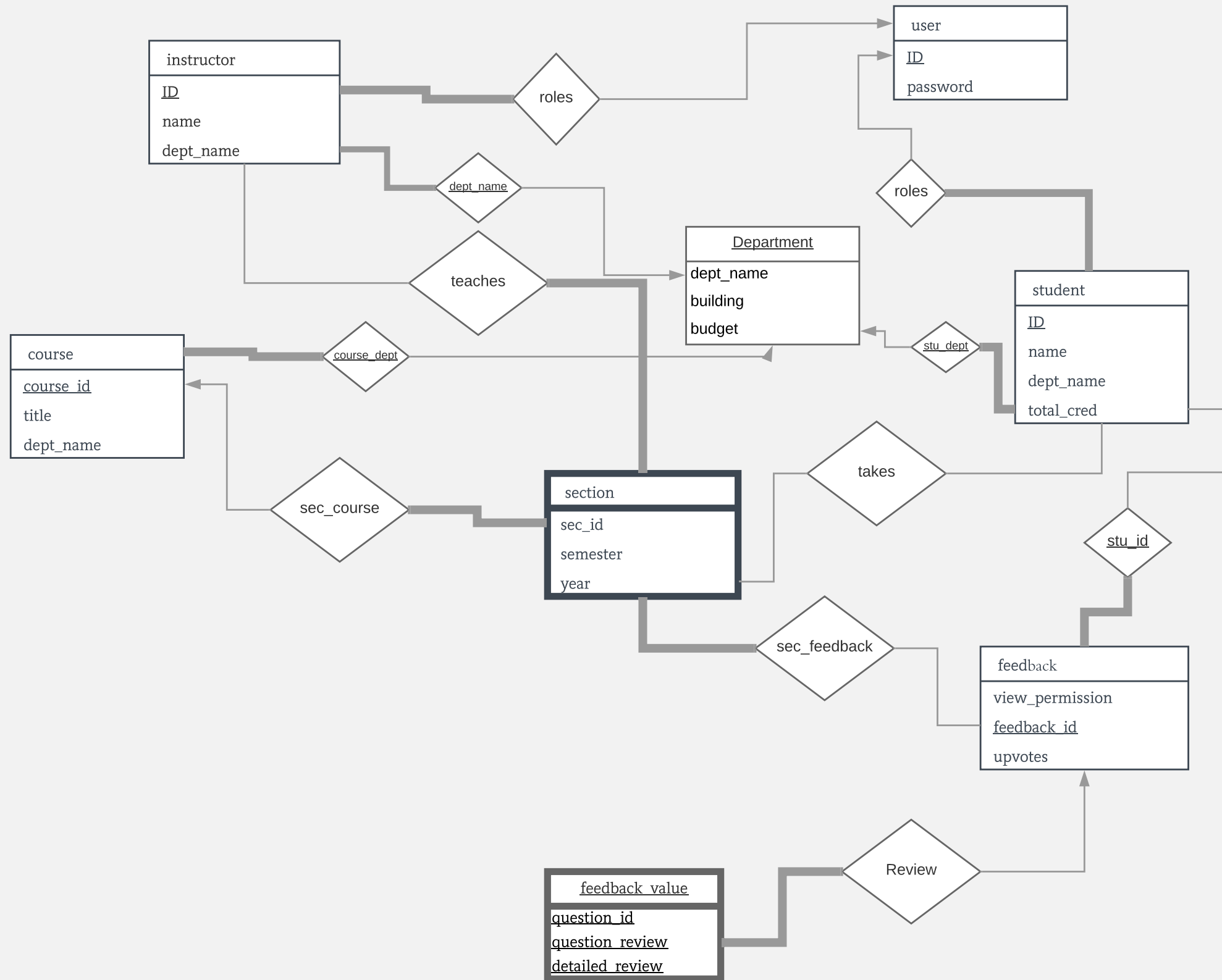
4 Tools and Technologies

We wish to use following tools to make our app:

- **Java servlet** for core back-end of the app.
- **Postgresql** and **PgAdmin** for database.
- **Apache Tomcat** for localhost server.
- **HTML** and **CSS** for front end.
- **Javascript** and **Ajax** for seamless user experience.

5 Conclusion

This is the project for CS387 DBIS lab. There can be slight changes to the final project depending upon time constraints and convenience.



table

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