

# CSC 317

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Project:	SFSU Course Review

## Topic of the Website:

This is the web app for the SFSU students to share the review of different courses and its professors. By allowing login, add courses, provide feedback on their experience with that course and professor. We aim to help students make their most important decision of selecting a perfect course. The app also facilitates transparency of the courses since it is coming from actual students who have completed the particular course. The purpose of this website is to provide an interactive platform to SFSU students to document and access the review of a particular course and its professor. Users can create an account, post the review search for a specific course and read the review from other students who have completed it.

## Feature List:

### User Accounts:

- Signup and login functionality.
- Profiles with basic student information (e.g., name, StuID, Email)
- User authentication and session management.

### Add and Review Courses:

- users can add completed courses to their profile.
- Write reviews about their experiences with a course and its professor.
- Reviews can include a star rating for that class and detailed comments.

### Search and discovery:

- Search functionality to look up a particular course review (eg: CSC317) and can view all the associated reviews with that course.
- Filter reviews by professor name.

### Professor Information:

- Users can associate a professor with their review.
- View all reviews related to a specific professor.

### Technology Stack:

- Frontend: HTML, CSS, JavaScript, EJS
- Backend: Node.js, Express
- Database: PostgreSQL

## User Flow

- Sign up or log in.
- Add courses they've completed.
- Write reviews for courses/professors.
- Search and read reviews posted by others.

## Github Collaboration rules:

We will use Git branches and pull requests (PRs) to collaborate effectively and keep our code organised. The `main` branch will always have stable, deployable code, and no one will commit directly to it. Instead, we will create separate branches for each feature or bug fix, following a clear naming convention like `feature/review-page`. Once a feature is done, we will open a pull request to merge it into a development branch. Team members will review the PR to ensure code quality and suggest improvements if needed. After approval and resolving any conflicts, the feature will be merged.