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**Project:** CourseCircle (Course Management System)

**Description:**

CourseCircle is an advanced web-based course management system designed to streamline educational processes for both teachers and students. The platform will offer core functionalities such as course creation, assignment tracking, grade management, and communication tools. To distinguish itself from existing solutions, it will incorporate AI-driven features to enhance user experience. Planning to integrate AI features such as:

- **Interactive Chatbot:** An AI-powered chatbot to assist users with navigation, answer common queries, and provide relevant learning resources.
- **AI Flashcard Generation:** A tool that utilizes AI to generate customized flashcards based on course materials, aiding students in their study and revision processes.

**Functionalities for Milestone 1:**

- Landing Page: For sign up and sign in
- Dashboard:
  - Show courses and a nav bar, different for students and professors.
  - Admin will also have a dashboard where they can assign courses and students to professors.
- Course Homepage:
  - Professors can add, delete, and edit files. Professors can also add text blobs.
  - Students can view and download files
- Assignments page:
  - Professors can add, delete, edit, assign a grade to assignments
  - Students can view and submit assignments
- Test cases: We will complete unit testing and integration testing for the above functions.