

**Team members:** Manahil Imran, Priya Doddipalli, Joseph Boateng, Taylor Glaws

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

### **Summary:**

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.

### **Completed tasks and functionalities:**

- Functional landing page (sign up / login)
- Admin/Student/Professor: dashboards
  - Have course cards which take you to the course
- Student/Professor : course home page
  - Professor: add and delete modules
  - Student: view modules
- Student/Professor: assignments page
  - Professor: add , delete , assignment
  - Student: view assignments

### **Contributions of each group member:**

**Manahil Imran:** Authentication, hopped between frontend and backend

**Taylor:** Managed database , backend

**Joseph:** Frontend (UI design)

**Priya:** Wrote test case for landing page

**Link to github:** <https://github.com/Manahil2026/coursecircle>

### **Planned work for Milestone 2:**

- Have database fully working for course\_home and assignments page
- Professor can grade assignment / student can submit assignment

- Fully functional gradebook for Professor and Student
- UI design inbox
- UI design for chatbot