

Project specification

Team 25

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1. Project overview - MyCMU

A platform that is exclusive to CMU students and faculty. Our goal is to connect CMU students and alumni in various ways. We plan to provide two main features that our target users probably care about the most, they are 1. CMU Course, 2. CMU Career.

CMU Course

Rather than leaving only the score on the FCE. We want to build a platform for students to share their detailed reviews on courses. We hope that the CMU Course could provide a better User Interface, User Experience, and information sharing compared to CMU FCE. Students can be easier to collect the course information needed.

CMU Career

Unlike handshake that focuses on feeding information on jobs or each department's career service that shares career information only for their department. CMU career focuses more on connecting CMU alumni and CMU students without the department boundary. In CMU careers, Alumni could post job or referral opportunities. Students could connect with alumni through direct messages.

Global feature

To encourage users to use the website, we want to introduce Award Mechanism

- Award Mechanism
Users could get credit scores through some actions to help the platform and users grow
Encouraged actions include: Decorate your account by providing more personal info to let others know you better. For example: telling people your habits, favorite playlist, the value of life, relationship status, etc. Provide informative data points such as experience in course/internship/housing/entertainment
- Premium Services
Users need higher credit scores to unlock advanced features What kind of features requires scores to unlock? Direct message (DM) Create private club Referral request

Tech Stack

We plan to host the backend service with Django because we want to apply what we learn from the courses. To improve the performance and the usability of our web application, we would probably introduce Ajax or some frontend framework such as React.js. Besides, some external package such as Bootstrap is expected to be used to simplify UI design.

2. List of the items in your backlog:

Works we have done in sprint 1:

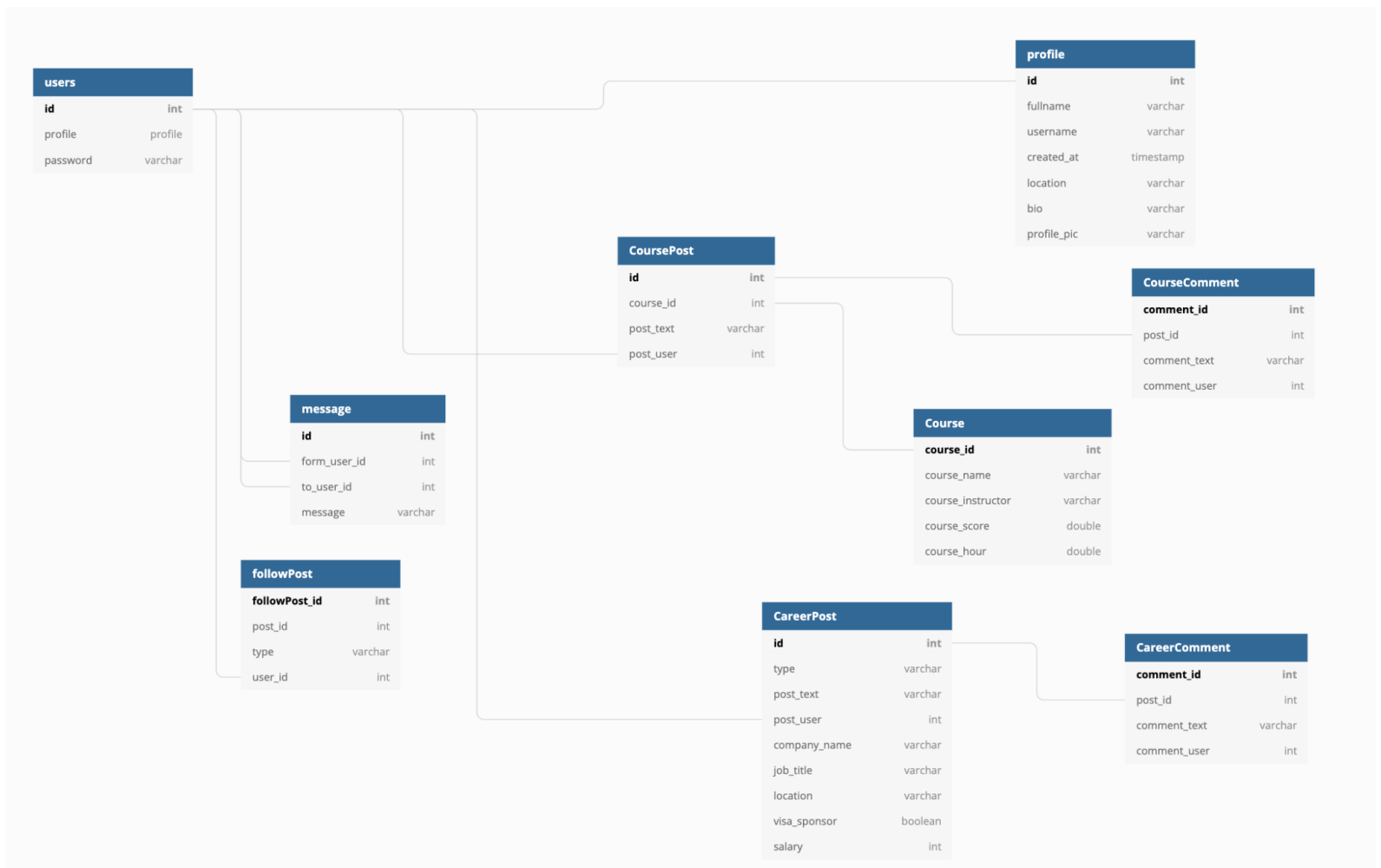
- I. Create model.py (Kimberly Huang)
- II. Create basic login, global, course, career HTML file (Elaine Ku)
- III. Finish post function for career and course page (Shousan Liao)
- IV. Generate Course.csv from parsing CMU FCE (Elaine Ku)
- V. Link frontend React.js with backend Django (Shousan Liao)

Product backlog for sprint2:

- I. Finish comment function for both career and course page
- II. Load course data to our database and the career post could have a filter function using course number or department name.
- III. Finalize our career and course user interface.
- IV. Adding a login function that is only for CMU students or alumni.

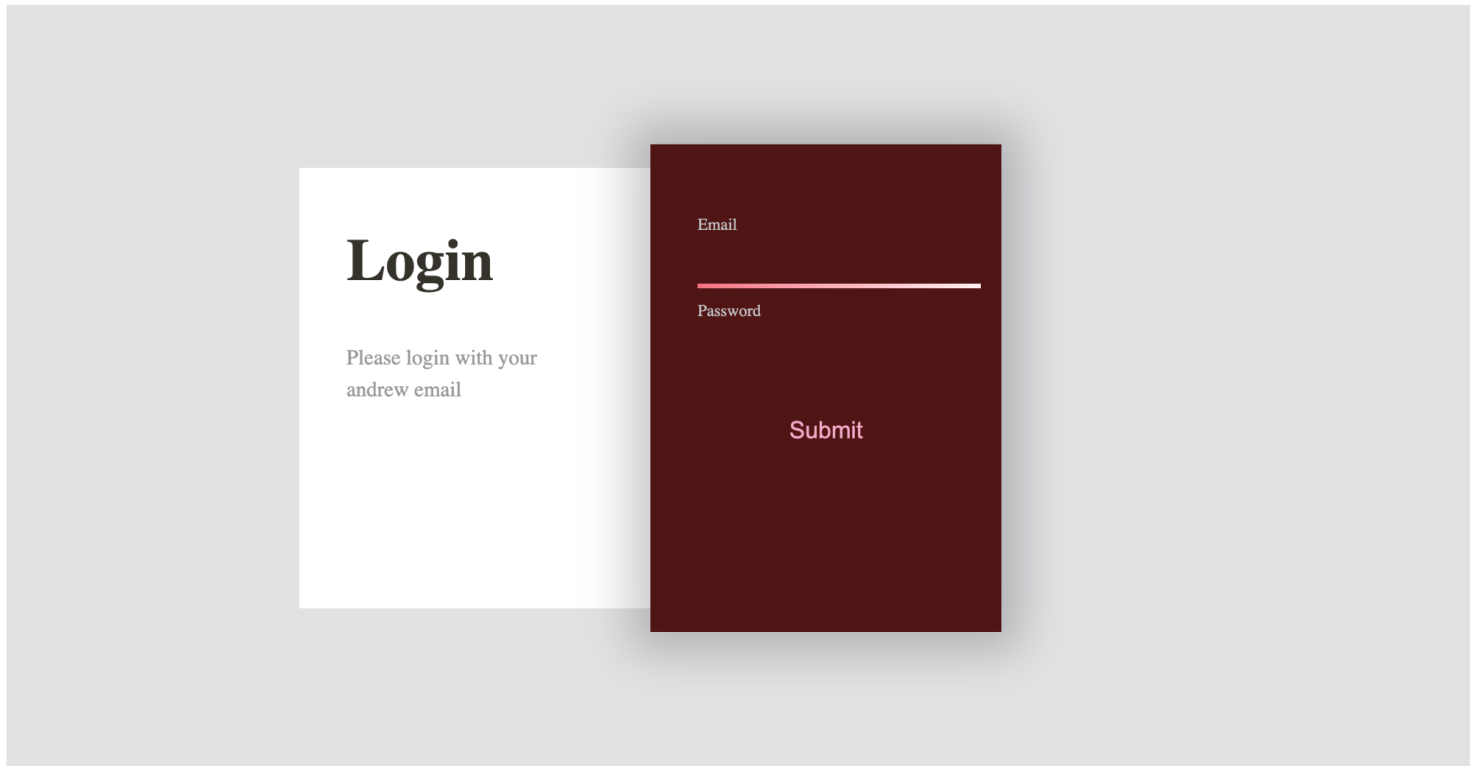
3. Model

- A diagram or a list of model objects and their fields



4. UI overview

- Login page



The login page features a light gray background. On the left, a white card contains the heading "Login" in a large, bold, black serif font. Below the heading, the text "Please login with your andrew email" is displayed in a smaller, black sans-serif font. To the right of this card is a dark red rectangular form. Inside the form, the label "Email" is positioned above a white horizontal input field. Below the input field, the label "Password" is positioned above another white horizontal input field. At the bottom of the form, the word "Submit" is written in a white sans-serif font.

- Home page

