Sprint 1 Backlog

Team 48 (Ziyi Yan, Lyuliang Liu, Zhengyu Sun)

In Sprint 1, we are going to implement the following templates and features:

Templates:

1. login/register template
   Estimated cost: 3 hours   Responsible member: Zhengyu Sun
   In this template, we will provide a form for users to input their information for logging in or registration with a piece of the short introduction of our web application displaying on the center of the template.

2. courses selection
   Estimated cost: 4 hours   Responsible member: Zhengyu Sun
   In this template, all existing courses will be displayed on the center of the template for users to select. Besides, there will be an area after all courses to be used for enrolling new courses for student users and creating new courses for professor users.

3. main template
   Estimated cost: 5 hours   Responsible member: Zhengyu Sun
   This kind of template will be displayed after a course being selected. In this template, there will be a side bar on the left of the website, which contains different options for users to go back to the course selection interface, create their own notes for this course as well as uploading new materials for this course. There will also be a navigation bar on the top of the website, which allows users to go to their favorite note stream or modified their personal information. On the center of this template, all notes and related materials of the selected course will be displayed and users can go to any interested note or materials in this kind of template.

Features:

1. User Management
   Estimated cost: 3 hours   Responsible member: Ziyi Yan
   We have two type of users: student and professor.
   - Only registered users can see courses and share notes.
   - During Registration, user will be asked to choose their identity.

2. Define models
   Estimated cost: 3 hours   Responsible member: Ziyi Yan
   The models include Student, Professor, Course and Note.

3. Create a course
   Estimated cost: 4 hours   Responsible member: Lyuliang Liu
   After registration, a professor can create a new course on her home page. On clicking the "+" button following the list of the course icons, a form will pop out for her to fill in the name and the course number. After creating a course, the icon of this course will appear on the course list page.

4. Join a course
   Estimated cost: 4 hours   Responsible member: Lyuliang Liu
   After registration, a student is able to join an existed course. On clicking the "+" button following the list of the course icons, a form will pop out for her to fill in the name and the course number of the course she wants to join. After joining a course, the icon of this course will appear on the course list page.

5. View all courses (students)
   Estimated cost: 2 hours   Responsible member: Ziyi Yan
   Students can view all the courses they registered for.

6. View all courses (professors)
   Estimated cost: 2 hours   Responsible member: Ziyi Yan
   Professors can view all the courses they created.

7. Upload notes (students)
   Estimated cost: 3 hours   Responsible member: Lyuliang Liu
   In each registered course, students are able to upload their own notes, which are PDF files.

8. Upload notes (professors)
   Estimated cost: 2 hours   Responsible member: Lyuliang Liu
   In each created course, professors are able to upload their own notes.

9. View all notes
   Estimated cost: 2 hours   Responsible member: Ziyi Yan
   Students and professors are able to view all the notes that anyone uploaded for this course.