**SPRINT WEEK 7**

**Due Date:** Thursday week 9

**Key Sprint Goals:**

* User Registration
* User Login
* User Profile Viewing

**Capacity Planning**

~ estimated 12 units

**Task Selection/Capacity Planning Breakdown**

*Student sign up (2 units)*

Must have - As a student, I want to be able to sign up to a “learning management system” so that I can view my assigned quizzes and study for my exams.  
a. Given I would like to sign in,  
b. when I select the sign in button on the first page of the interface and fill in my full name, a distinct student ID, email, and a password,  
c. Then I will have an account made in my name

Components:

* UI: create signup page in JavaFX (**Jamie**)
* Database: create table for students (**Pragati**)
* Backend: get data from form and put into database (**Pragati**)

*Teacher signup (2 units)*

Must have - As a teacher , I want to be able to sign up to a “learning management system” so that I can assign quizzes and view how my students are progressing  
a. Given I would like to sign in,  
b. when I select the sign in button on the first page of the interface and fill in my full name, a distinct staff ID, email, and a password,  
c. Then I will have an account made in my name

Components:

* UI: create signup page in JavaFX (**Jamie**)
* Database: create table for teachers (**Pragati**)
* Backend: get data from form and put into database (**Pragati**)

*Admin signup (2 units)*

Must have - As an administrator, I want to be able to sign up to a “learning management system” so that I can manage class lists and enrolment  
a. Given I would like to sign in,  
b. When I select the sign in button on the first page of the interface and fill in my full name, a distinct admin ID, email, and password,  
c. Then I will have an account made in my name

Components:

* UI: create signup page in JavaFX (**Jamie**)
* Database: create table for admins (**Pragati**)
* Backend: get data from form and put into database (**Pragati**)

*User login (2 units)*

Must have - As a user I want to be able to log into the “learning management system” so that I can access any data relevant to me  
a. Given I have created an account,  
b. When I select the log in menu and enter my correct email and password  
c. Then I will be logged into my account and can access my relevant the data in the system

Components:

* UI: create login page in JavaFX (**Audrey**)
* Backend: retrieve data from login form, compare to data in database (**Pragati**)

*Profile Viewing (4 units)*

Must have - As a student, I want to be able to view all of my details including what class I am in and who is my teacher, so that I know which class to go to.  
a. Given I am logged in and enrolled in at least one class,  
b. when I select the profile icon in the top right of the screen  
c. Then I should be able to view all of my details

Must have - As a teacher, I want to be able to view all of my details including what classes I am teaching and the students in my class, so that I can teach different subjects.  
a. Given I am logged in,  
b. when I select the profile icon in the top right of the screen  
c. Then I should be able to view all of my details

Must have - As an Admin, I want to be able to view all of my details I entered upon registration  
a. Given I am logged in,  
b. when I select the profile icon in the top right of the screen  
c. Then I should be able to view all of my details

Components:

* UI: Create profile page in JavaFX (**Roman**)
* Backend: create toString method in student class that gets user’s details from database (**Sasha**)
* Backend: create toString method in teacher class that gets user’s details from database (**Sasha**)
* Backend: create toString method in admin class that gets user’s details from database (**Sasha**)

**Discussion of Potential Barriers**

* Potential lack of consistency in UI being styled by three different people
  + Mitigated By: Having a styling meeting on discord to develop a style guide and finalise font choices
* Four different fxml files for four different users (including the potential parent user) seems inefficient
  + Toggle the visibility of four VBox’s (one per user) to act as a “form” that appears and when users choose to register as a certain type of user