**SPRINT WEEK 9**

**Due Date:** Thursday Week 11

**Key Sprint Goals:**

* Admin Assign Students and Teachers to Classroom
* Teacher Quiz Creation
* Teacher Quiz Assignment to classrooms
* Students View Assigned Quizzes
* Students Take Quiz

**Capacity Planning**

~ estimated 19 units

**Taks Selection/Capacity Planning Breakdown**

*Admin assign class code to student (4 units)*

Must have - As an administrator, I want to assign students to class codes so that I can ensure every class has at least one student and the number of students are even between classes

a. Given that I am logged in, and there is at least one teacher and one student signed up,  
b. When I select the assign class button, select a class code from a list, select the student drop down and selects a student from those that have signed in, and clicks ‘assign’  
c. Then that teacher will be assigned to that class code

Components:

* Create admin dashboard in JavaFx (**Jamie**)
* Add ‘assign class’ button to admin dashboard (**Jamie**)
* Add student option to dropdown in assign class (**Pragati**)
* Backend: Add teacher to classroom class and database (**Pragati**)

*Admin assign class code to teacher (2 units)*

Must have - As an administrator, I want to assign teachers to class codes so that I can ensure every class has a teacher running that lesson

a. Given there is at least one teacher signed up and I am logged in,  
b. When I select the assign class button, select a class code from a list, select the teacher drop down and selects a teacher from those that have signed in, and clicks ‘assign’  
c. Then that teacher will be assigned to that class code

Components:

* Add teacher option to dropdown in assign class (**Jamie**)
* Backend: Add teacher to classroom class and database (**Pragati**)

*Teacher create quiz (3 units)*

Must have - As a teacher, I want to generate quizzes with AI so that I can save time.  
a. Given I am logged into the system as a teacher  
b. When I navigate to the 'quizzes' page and fill out the form to generate a quiz  
c. Then I should see a practice quiz that I can assign to my students

Components:

* UI: create quizzes page (**Audrey**)
* UI: create generate quiz form (**Audrey**)
* Backend: get data from form and insert into quiz database and class (**Sasha**)

*Teacher assign quiz to class (4 units)*

Must have - As a teacher I want to assign quizzes to my classes so they can access my learning materials

1. Given I am logged into my account as a teacher and have been assigned at least one class,
2. When I select the ‘assign quiz’ button and choose from a list of my classes,
3. then I will see a success message detailing the successful assignment of a quiz to that class and the quiz should appear in my students quizzes

Components:

* UI: create assign quiz button in teacher view (**Roman**)
* UI: create form to assign quizzes (**Pragati**)
* UI: create success/failure pop up messages (**Roman**)
* Backend: add data to ‘class’ table from form (**Pragati**)

*Student view assigned quizzes (3 units)*

Must have - As a student, I want to see the quizzes assigned to me by my teacher separately to the quizzes I have made and separately to the quizzes other students have made.

a. Given I am logged into my account as a student  
b. When I view my dashboard, I should be able to see assigned quizzes in a separate section to my personally generated quizzes  
c. Then I won’t get confused between the quizzes with deadlines and my own quizzes.

Components:

* UI: create student dashboard in JavaFX (**Audrey**)
* Create assigned quizzes section in user dashboard in JavaFX (**Audrey**)
* Backend: add assigned quizzes to dashboard based on assigned quizzes in database (**Sasha**)

Student complete quiz (3 units)

As a student, I should be able to complete the quizzes assigned to me by my teachers so that I can further my understanding of the content

a. Given I am logged in, enrolled in a class, has been assigned a teacher, and has been assigned a quiz,

b. When I select the ‘assignments’ and select pending quizzes,

c. Then I should be able to select that quiz and complete it.

Components:

* UI: create quiz taking view (**Roman**)
* Backend: add quiz taking logic, pulling questions and options from database(**Sasha**)
* Backend: compare input with answer from database to mark quiz (**Sasha)**

**Discussion of Potential Barriers**

* Workload is potentially too large
  + Adjust sprint to move products into the following weeks sprint
* UI of assign classroom logic is a bit confusing
  + Discord call between Jamie and Pragati to discuss at a later stages