Sprint 4 Plan

!Toohak
3/12/24

Goal:

Allow teachers to create their own quizzes with various question types so that they can test their students on class concepts and enable students to set their own nicknames to identify themselves on the leaderboard.

Task List

User Story 4.1 [7] - As a teacher, I want to be able to build my own quiz so that I can test my students on class concepts
- Task 1.1 - [1][BE] - implement an API endpoint to create a new Question in the database
- Task 1.2 - [1][BE] - implement an API endpoint to create a new Quiz in the database based on the Question IDs supplied in the request
- Task 1.3 - [1][BE] - implement an API endpoint to return all Quizzes in the database
- Task 1.4 - [1][FE] - create a quiz builder route that only allows for creating multiple-choice questions
- Task 1.5 - [1][FE] - submit data from the quiz builder to appropriate API endpoints to create a quiz in the database
- Task 1.6 - [1][FE] - allow the host to select a quiz when waiting for the quiz to start
- Task 1.7 - [1][BE] - remove default quiz hardcoded data from game server

User Story 4.2 [3] - As a teacher, I want to be able to test students using different question types (MC, T/F, etc.)
- Tasks 2.1 - [2][FE] - modify the quiz builder to allow for the creation of True and False questions
- Tasks 2.2 - [1][FE] - modify quiz creation request to allow for True and False questions to be created

User Story 4.3 [2] - As a user, I want to be able to set my own nickname in the room
- Task 3.1 - [1][FE] - let the player enter their own nickname when waiting for the quiz to start
- Task 3.2 - [1][BE] - store player's nickname in game state

Team Roles

Yesh - product owner, developer
Norton - developer
Justin - developer
Gordon - developer
Gene - scrum master, developer

Initial Task Assignment

Yesh - [3]
- User Story 4.1 - As a teacher, I want to be able to build my own quiz so that I can test my students on class concepts.
    - Task 1.5 - [1][FE] - submit data from the quiz builder to appropriate API endpoints to create a quiz in the database
    - Task 1.6 - [1][FE] - allow the host to select a quiz when waiting for the quiz to start
- User Story 4.2 - As a teacher, I want to be able to test students using different question types (MC, T/F, etc.)
    - Tasks 2.2 - [1][FE] - modify quiz creation request to allow for True and False questions to be created

Norton - [2]
- User Story 4.1 - As a teacher, I want to be able to build my own quiz so that I can test my students on class concepts.
    - Task 1.2 - [1][BE] - implement an API endpoint to create a new Quiz in the database based on the Question IDs supplied in the request
- User Story 4.3 [2] - As a user, I want to be able to set my own nickname in the room
    - Task 3.2 - [1][BE] - store player's nickname in game state

Justin - [2]
- User Story 4.1 - As a teacher, I want to be able to build my own quiz so that I can test my students on class concepts.
    - Task 1.3 - [1][BE] - implement an API endpoint to return all Quizzes in the database
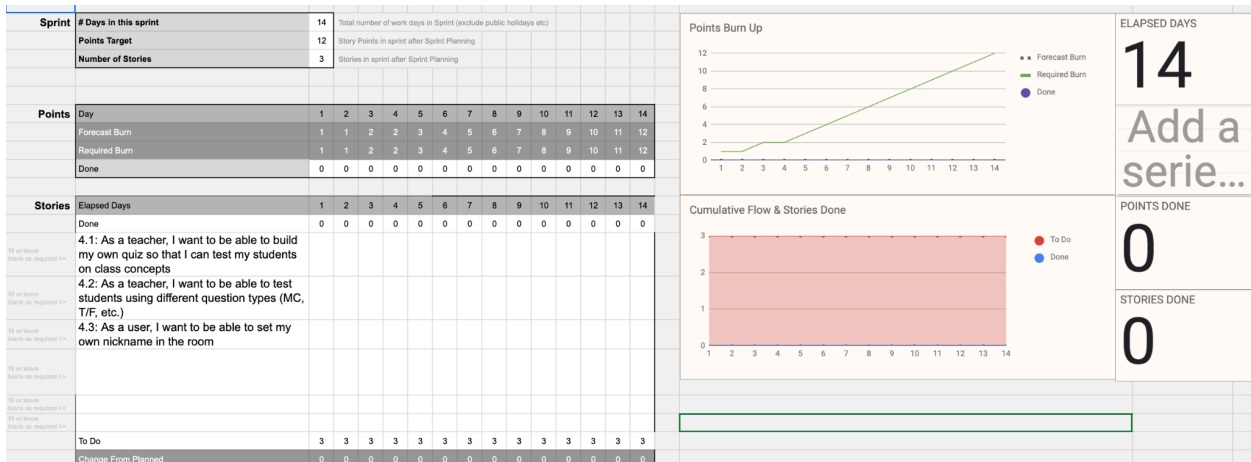   - Task 1.7 - [1][BE] - remove default quiz hardcoded data from game server

Gordon [3]
- User Story 4.1 - As a teacher, I want to be able to build my own quiz so that I can test my students on class concepts.
    - Task 1.4 - [1][FE] - create a quiz builder route that only allows for creating multiple-choice questions
- User Story 4.2 - As a teacher, I want to be able to test students using different question types (MC, T/F, etc.)
    - Tasks 2.1 - [2][FE] - modify the quiz builder to allow for the creation of True and False questions
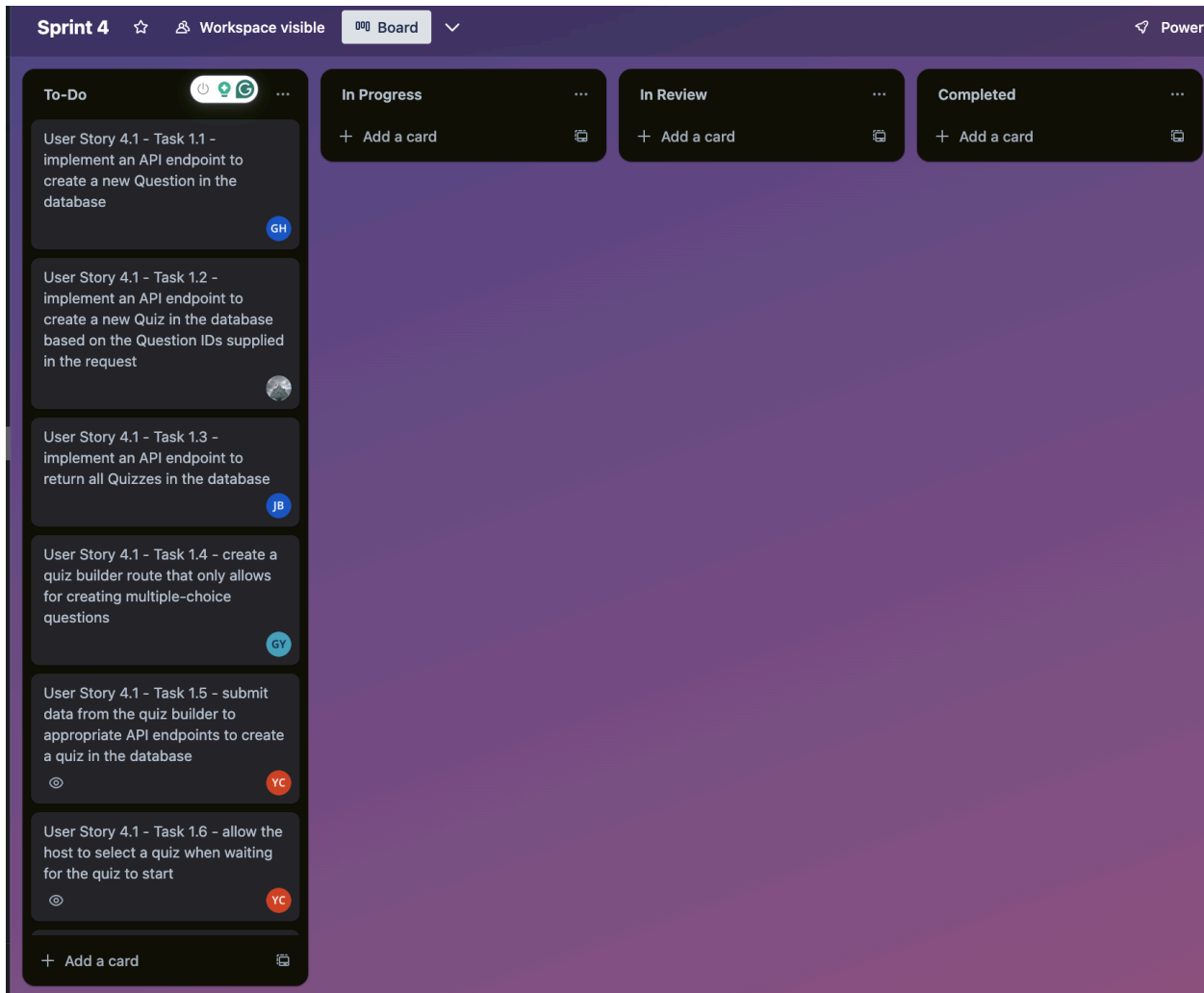
Gene [2]
- User Story 4.1 - As a teacher, I want to be able to build my own quiz so that I can test my students on class concepts.
    - Task 1.1 - [1][BE] - implement an API endpoint to create a new Question in the database
- User Story 4.3 [2] - As a user, I want to be able to set my own nickname in the room
    - Task 3.1 - [1][FE] - let the player enter their own nickname when waiting for the quiz to start

Initial Burnup Chart

Initial Scrum Board

Scrum Times

M: 12:00pm - 12:30pm
T: 1-1:45pm (w/ TA)
F: 12:00pm - 12:30pm