Sprint 3 Plan

Scrum Master: Jasmine

Goals:
- Wrap up unfinished Sprint 2 user stories / tasks to create a workable product
- Begin implementing convenience features such as QR codes and moderation, if time permits

Task List:
- [IT 3.0] Infrastructure tasks
  - [T 3.0.1] [1] Quiz validation
  - [T 3.0.2] [2] Backend rewrite 2: electric boogaloo
- [US 1.6] As a student, I want to select what I think is the best answer out of some answer choices given to me so that I can participate in the quiz.
  - [T 1.6.3] [0.5] Answer reveal page (Host side) (H 4.0 D)
  - [T 1.6.4] [0.5] Connection Page Component Routing
- [MVP 1.X] Finish MVP
  - [1.x.2] [3] Create More Tests
- [US 2.1] As a student, I want to be able to view the score of other students, including my own, so that I can gauge how well I understand the material relative to other students. [3]
  - [T 2.1.1] [0.5] Write functions to generate scores (scoring is already sent, but scores are 0)
  - [T 2.1.3.2] [1.5] Answer reveal page (Student side) (S 4.0 D/M, S 5.0 D/M)
- [US 2.2] As a Professor, I want to view the quiz results as grades/scores so that I can understand how well my class understands the material. [2]
  - [T 2.2.2] Display scores answers to host after game
    - [T 2.2.2.2] [1] Build post game stats in react
- [US 2.3] As a teacher, I want a timer so that I can maintain a consistent pace on the quiz. [2]
  - [T 2.3.2] [.5] End question after timer runs out (backend)
- [US 2.5] As a professor, I want to be able to experience a fully functional question editor [5]
  - [T 2.5.0] [1.5] Create specification for quiz editor pages and display (Q 1.0)

- ○ [T 2.5.1] [3] Create quiz editor page
  - ■ [T 2.5.1.1] [1] Create quiz editor initialization page
  - ■ [T 2.5.1.2] [2] Create quiz editor question/answers page
  - ○ [T 2.5.2] [.5] Export quiz as json
- [US 2.6] As a Teacher, I want to export quizzes in a readable format so that students can review quiz questions off the app on their own time. [4]
  - ○ [T 2.6.0] [0.5] Create documentation for quiz HTML export request (simple GET that frontend only has to link to)
  - ○ [T 2.6.1] [0.5] Create design for HTML export button at the end of the quiz, and JSON-to-HTML conversion button at beginning while uploading a quiz (Modify H 1.0 D)
  - ○ [T 2.6.2] [1] Create simple design for how HTML exported quiz will look
  - ○ [T 2.6.3] [2] Generate quiz HTML on server and send to client
- [US 3.1] As a teacher, I want to provide QR codes for easily joining the game without typing in the code.
  - ○ [T 3.1.0] [0.5] Modify current host waiting room page to include a QR code
  - ○ [T 3.1.2] [2] Generate QR code that links to an actively hosted game

Team Roles:
- Ben: Frontend/Backend Developer
- Jess: Backend Developer
- Jasmine: Frontend Developer
- Gea: Frontend Developer
- Richelle: Backend/Database Developer
- Cody: Frontend/Backend Developer

Initial Task Assignment:
- Jess
  - [T 3.0.2] [2] Backend rewrite 2: electric boogaloo
  - [T 2.3.2] [.5] End question after timer runs out (backend)

- [T 2.6.0] [0.5] Create documentation for quiz HTML export request (simple GET that frontend only has to link to)
- Ben
    - [T 1.6.4] [0.5] Connection Page Component Routing
    - [T 2.6.3] [2] Generate quiz HTML on server and send to client
- Jasmine
    - [T 2.2.2.2] [1] Build post game stats in react
    - [T 2.6.1] [0.5] Create design for HTML export button at the end of the quiz, and JSON-to-HTML conversion button at beginning while uploading a quiz (Modify H 1.0 D)
    - [T 2.6.2] [1] Create simple design for how HTML exported quiz will look
    - [T 3.1.0] [0.5] Modify current host waiting room page to include a QR code
    - [T 2.5.1.1] [2] Create quiz editor initial page
    - [T 2.5.1.2] [2] Create quiz editor question/answers page
- Gea
    - [T 2.5.0] [1.5] Create specification for quiz editor pages and display (Q 1.0)
    - [T 1.6.3] [0.5] Answer reveal page (Host side) (H 4.0 D)
    - [T 2.1.3.2] [1.5] Answer reveal page (Student side) (S 4.0 D/M, S 5.0 D/M)
- Richelle
    - [T 2.1.1] [0.5] Write functions to generate scores (scoring is already sent, but scores are 0)
    - [T 3.0.1] [1] Quiz validation
    - [T 2.5.2] [.5] Export quiz as json
- Cody
    - [T 1.x.2] [3] Create More Tests
    - [T 3.1.1] [2] Generate QR code that links to an actively hosted game
- [T 2.5.1] [3] Create quiz editor page (TBD when design is finalized, might split)

Scrum Board: https://trello.com/b/7UXa991v/sprint-3

Burnup chart: spreadsheet

Scrum Times:

Monday 3:00 - 3:15

Wednesday 4:00 - 4:15

Friday 5:45 - 6:00

Rejected user stories: