Sprint 1 Plan

Goal: Create the MVP

Task List:

[Task 1] Set-Up GitHub (15 minutes)
[Task 2] Set-Up Frontend (30 minutes)
- landing page: host game or join game

[Task 3] Set-Up Backend (30 minutes)
[Task 4] Set-Up Testing (30 minutes)

- [Task 5][1] Import/export quiz
    - [Task 5.1] Import Page: file upload (1 hr)
    - [Task 5.2] Import and Quiz Start Endpoint (30 min)
- [Task 6][2] Select quizzes to play through
    - Simple UI for player to type in and submit username (30 min)
- [Task 7][3] Code generation for joining
    - Code Generation (30 min)
- [Task 8][4] Connect to server (websockets)
    - [Task 8.1]Initialize websockets for the host and each player when the game starts (2 hr)
    - [Task 8.2]Handle messages from server to client for showing new questions (1 hr)
    - [Task 8.3]Handle messages from server to client for updating results after each question (2 hr)
- [Task 9][5] Unique id/username
    - Username Handling (30 min)
- [Task 10][6] Students can select answer choices
    - [Task 10.1] Multiple Choice Component / Answered Component (1 hr)
    - [Task 10.2] Quiz Frontend Connection Handling (2 hr)

Team Roles:
- Ben: Frontend/Backend Developer
- Jess: Backend Developer

- Jasmine: Frontend Developer
- Gea: Frontend Developer
- Richelle: Backend/Database Developer
- Cody: Frontend/Backend Developer

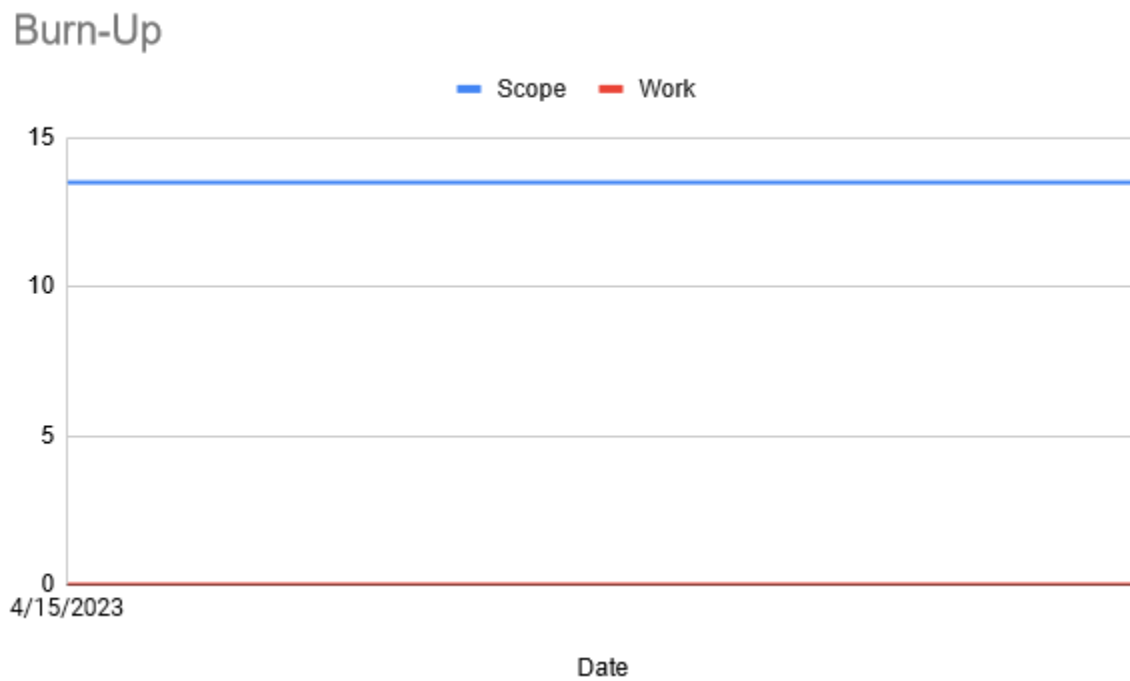Initial Task Assignment:
- Jess (2.25 hr)
    - Task 1, github (15 mins)
    - Task 8.3 Server updates (2 hr)
- Ben (2.5 hr)
    - Task 3, backend setup (30 mins)
    - Task 8.1: ws initialization (2 hr)
- Jasmine (2 hr)
    - Task 2, Frontend setup (30 mins)
    - Task 6, Username input (30 mins)
    - Task 5.1, import page (1 hr)
- Gea (2 hr)
    - Task 10.2 Frontend connection handling (2 hr)
- Richelle (2 hr)
    - Task 5.2, Import/export endpoint (30 mins)
    - Task 10.1 multiple choice answers (1 hr)
    - Task 7: Code generation (30 mins)
- Cody (2 hr)
    - Task 4, Testing (30 mins)
    - Task 8.2 server questions (1 hr)
    - Task 9: username handling (30 min)

Initial Scrum Board:

Sprint Backlog

[2] Handle messages from server to client for updating results after each question — JS

[2] Initialize websockets

[1] Join Page and Username Submission — JT

[1] Import Page and File Upload — JT

[1] Code Generation — RC

[1] Multiple Choice / Answered Component — RC

[1] Handle messages from server to client for showing new questions — CD

[1] Username Handling — CD

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In-Progress

[1] Set-Up GitHub — JS

[1] Set-Up Frontend — JT

[1] Set-Up Testing — CD

[1] Set-Up Backend

[1] Import and Quiz Start Endpoint — RC

[2] Frontend Connection Handling

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Complete

+ Add a card

Initial burnup chart:

Scrum Times:

Monday 5:45 - 6:00

Wednesday 5:45 - 6:00 (possibly subject to change)

Friday 5:45 - 6:00T