Test Plan

Overview

App Functionality Testing

App to Test: http://localhost:3000 Dual Duo

Test Criteria:

- Test that the game mechanics work as expected, the players can see all bots, choose their duos, the attack damage is calculated correctly, and the winner is determined accurately.
- Test that the APIs work as expected, the endpoints return the expected data.
- Test that the game can be played multiple times without any issues.
- Test the game's performance by playing it multiple times with different combinations of duos.

Entry Criteria:

- Test Criteria Provided
- Running Environment Provided

Exit Criteria:

- Tests have passed
- Allotted time is up

Test Case #1: Dueling with two bots

Description: Analyzing how the game works.

1. Open the game in the browser.
2. Click the "Draw" button to see bots
3. Choose two bot duos by clicking "add to duo".
4. Click the "Duel" button.
5. Check if the game result is displayed correctly.
6. Click the "Play Again" button.
7. Repeat steps

Postconditions: Player or computer have either won or lost and the health status is updated correctly.

Bug Report #1: Incorrect player record

Description: After a game is played, the player record does not update correctly. The player's losses are incremented regardless of whether they won or lost the game.

Steps to Reproduce:

1. Open the game in the browser.
2. Click on the "Draw" button to see bots.
3. Choose two bot duos by clicking on "add to duo".
4. Click the "Duel" button.
5. Check if the game result is displayed correctly.
6. Click the "Play Again" button.
7. Repeat steps

Expected Result: The player record should update correctly, i.e., incrementing the wins or losses based on the game result.

Actual Result: The player record increments the losses regardless of the game result.