

Duel Duo Test Plan:

Overview:

Test the functionality of Duel Duo

Links:

<https://github.com/LucyDykhouse/module-6-assessment/blob/main/public/index.html>

Test criteria:

- The 'See All Bots' button will display the data cards of all the bots
- Bot data cards will not be editable
- The user's total wins/losses will be displayed by the 'Wins' and 'Losses' headers
- The total wins and losses will be reset to 0 when the page is refreshed
- The 'Draw' button will display the data cards of 5 randomly selected bots
- When the draw button is clicked, the user can click the 'Add to Duo' button
- The user can only add two bots to their duo, after which the 'Duel' button will be accessible
- The bots the user added will appear below the 'Your Duo' header
- The user can remove the bots from their duo
- The removed bots' data cards should be removed from the 'Your Duo' header and reappear under the 'Choose 2' header
- The computer's bots will not be visible until two bots have been added to the duo and the 'Duel' button is clicked
- The same bot(s) will not appear in both the user and the computer's duos
- After clicking the 'Duel' button, the header 'You won' will result in the user's 'Wins' increasing by 1
- The header 'You lost' will result in the user's 'Losses' increasing by 1
- The user can click the 'Play again' button to return to the 'Draw' page

Entry criteria:

- Test criteria provided
- Running version provided for testing
- Computer for testing

Exit criteria:

- All high priority tests have passed
- Several "duels" have been played

Other details:

- Environment: Chrome is the recommended browser
- Should be fully functional and reasonably styled on most modern browsers

Test Case:

Attempting to select one bot to partake in the duel

Description:

This test will seek to verify that the duel cannot take place when only one bot is added to the duo.

Steps:

1. Navigate to <https://qa-devops-app.herokuapp.com/>
2. Click on the 'Draw' button
3. Click 'Add to Duo' on one bot card
4. Examine the site for the 'Duel' button and click it if present

Test Postconditions:

- The 'Duel' button should not have appeared with only one bot added to the duo

Test Case:

Attempting to select more than two bots to partake in the duel

Description:

This test will verify that the duel cannot take place when more than two bots are added to the duo.

Steps:

1. Navigate to <https://qa-devops-app.herokuapp.com/>
2. Click on the 'Draw' button
3. Click 'Add to Duo' on one bot card
4. Click 'Add to Duo' on another bot card
5. Click 'Add to Duo' on a third bot card
6. Attempt to click the 'Duel' button

Test Postconditions:

- Only the first two bot data cards should appear under the 'Your Duo' header
- When the 'Add to Duo' button is clicked on the third bot card, the user should be alerted that only two bots can be added to the duo

‘See All Bots’ Bug Report:

Description:

The ‘See All Bots’ button does not display any bot cards when clicked

Steps to reproduce:

1. Navigate to <https://qa-devops-app.herokuapp.com/>
2. Click the ‘See All Bots’ button

Expected result:

- Clicking the button should display the data cards of all the bots in the database

Actual result:

- None of the bot data cards are displayed when the button is clicked

Environment:

- Windows 10
- Chrome version 95

Number of Wins Bug Report:

Description:

A win for the user increments the user’s total losses number rather than wins

Steps to reproduce:

1. Navigate to <https://qa-devops-app.herokuapp.com/>
2. Click the ‘Draw’ button
3. Select two bots to add to the duo using the ‘Add to Duo’ button
4. Click the ‘Duel’ button
5. Observe the Win/Loss header and the numbers that appear beside the ‘Wins’ and ‘Losses’ texts
6. If necessary, click the ‘Play Again’ button and repeat steps 2 - 5 until the header ‘You won!’ is attained

Expected result:

- The ‘You won!’ header should cause the user’s number of wins to increase by 1

Actual result:

- The ‘You won!’ header causes the user’s number of losses to increase by 1

Environment:

- Windows 10
- Chrome version 95

Screenshot:

