

Duel Bots - Manual Testing

Test Case #1: Get all bots tests

Description: This test will verify that all bot display cards are show when prompted

Steps:

1. Navigate to <http://localhost:3000>, Duel Duo site
2. Click on "See All Bots" Button

Test Postconditions:

- All bots with names, stats and image should be displayed on browser

Environment:

- Chrome version 105.0.5195.126
 - Windows 10
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Bug Reports:

Bug description: Wins being tallied in the losses column of app. Each time a user wins a bot duo match up, the site will display "You won!" however the wins tally remains at zero while the losses tally continues to count up for both "You won!" and "You lost!" prompts following a duel.

Steps to reproduce:

1. Navigate to <http://localhost:3000>, Duel Duo site
2. Click on "Draw"
3. Add any two bots by clicking "Add to Duo" on two bot display cards.
4. Click "Duel"
5. Wait to see the result ("You won" or "You Lost").

Expected Results:

- A "You Won" prompt will be reflected by the player win record increasing by 1.
- A "You Lost" prompt will be reflected by the player loss record increasing by 1.

Actual Result:

- The player's loss record is increased by 1 regardless what prompt shows up (win or loss)

Environment:

- Chrome version 105.0.5195.126

- Windows 10

Date found: 9/14/2022

Found by: Josh Osborne

Solution: Error in code found in server.js file line 68. The app.post endpoint has an error at the end of the if statement where playerRecord.losses is being added to with “++” notation instead of playerRecord.wins being added to for wins. “Losses” was replaced with “wins” on server.js file line 68 and proper functionality has been achieved.

Bug description: Unfunctional button (“See All Bots”) is showing a bad request error code (400) for a Get request. All bots are not being displayed on the browser and no activity is seen outside of the console in the Developer Tools.

Steps to reproduce:

1. Navigate to <http://localhost:3000>, Duel Duo site
2. Click on “See All Bots” button

Expected Results:

- All bots with names, stats and bot images are be displayed on browser

Actual Result:

- No bot are displayed in the browser and a 400 - Bad Request error is given in the console within the developer tools.

Environment:

- Chrome version 105.0.5195.126
- Windows 10

Date found: 9/14/2022

Found by: Josh Osborne

Solution: Error in code found in server.js file, line 27. The bad request was being received due to the app.get response sending back an invalid variable when a proper request is sent in. The code was sending back a variable called “botsArr” which isn’t defined and doesn’t contain the bot data. Changing the variable from “botsArr” to “bots” has restored functionality of the “See All Bots” button.

Other potential bugs found:

- Uneven sized display boxes for duos
- Redundant robots:
 - Two always pop up with the same stats every “Random” draw