

Part 2 - Manual Testing

Duel Duo 

--Test Plan--

Test Criteria:

High-level:

- User can view all bots from the homepage.
- User can draw 5 random bot cards from the homepage.
- Number of games won and lost tracks and displays on the homepage.
- Game instructions display throughout the game and are legible.
- User can read bot stats to determine their bot selections.
- User is able to replay the game.

Low-level:

- 'See All Bots' button displays and allows users to see all robots when clicked.
- 'Draw' button displays and allows users to draw 5 random bot cards when clicked.
- Users are prompted to choose 2 bot cards after clicking 'Draw'.
- 'Add to Duo' button displays and selects the robot in question when clicked.
- 'Remove from Duo' button displays and removes robot selection when clicked, sending them back to the choice pool.
- User choices are moved to section 'Your Duo' when 'Add to Duo' is clicked.
- Users cannot add more than two bots to their Duo selection.
- Message displays letting users know they can't add more than two bots when they try to.
- Bot name, health, attack 1 and attack 2 are displayed for each robot on their card.
- 'DUEL!' button displays and initiates the duel.
- Dueling status displays on screen.
- Won/lost status displays on screen.
- 'Play again!' button displays after game concludes and brings user back to 'Draw' option.
- Game wins and losses are accurate according to the bot stats and game rules.
- The numbers for 'Wins' and 'Losses' displayed are accurate and track across games played.

Smoke Tests:

- Website loads in Chrome to homepage at localhost:3000.
- Homepage displays as intended according to the HTML/CSS.

--Test Case--

Description:

This test will verify that the 'Draw' button works:

- When the button is clicked, 5 random bot cards are displayed on the screen.
- Each new draw should be a random set of 5 robots.

Steps:

1. Navigate to the Duel Duo homepage.
2. Click on the 'Draw' button in the middle of the screen.
3. Confirm that 5 robots are then displayed.
4. Confirm that the user is prompted to choose 2.
5. Play through a game to confirm that a random set of robots is generated when you click 'Draw' on the next game.

Test Post-conditions:

The 'Draw' button should generate and display a random set of 5 robots:

- On first use.
- At the start of each new game.

--Bug Report--

The 'See All Bots' button on the Duel Duo main page does nothing when clicked.

Steps to Reproduce:

- 1) Navigate to the Duel Duo homepage.
- 2) Click on the 'See All Bots' button at the top middle of the screen.

Expected Result:

- The 'See All Bots' button should display all robots to the screen.

Actual Result:

- The 'See All Bots' button changes color on mouseover but does nothing when clicked.

Environment:

- Chrome Version 96.0.4664.45 (64-bit)
- Windows 10

Screenshot:

Duel Duo

Click the Draw button to draw 5 random bot cards and then choose 2 to be your Duel Duo!

Once you have your Duel Duo, click the Duel button to fight a computer Duo!

[See All Bots](#)
