Part 2: Manual Testing

Test Plan:

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| **Name of the test plan** | Duel Duo Test Plan |
| **Overview** | Test the functionality of the Duel Duo game website |
| **Test criteria** | * Ensuring website loads properly * Ensure all text and photos are visible * There is a wins/losses tally * All robots are displayed correctly * All buttons are properly working * The logic behind calculating wins/losses is correct * Win/loss tally is updated correctly |
| **Entry criteria** | * Unit testing is complete * Test criteria provided * Running version is provided for testing * Environment is setup |
| **Exit criteria** | * All high priority test pass * The time/budget for testing is up |
| **Details** | * Environment * Should run on any modern browser (after 2020) and be fully functional * Chromium-based browsers are recommended (Chrome, Edge, Opera) |

Test Case 1:

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| **Name of the test** | Seeing all bots |
| **Description of the test** | This test will verify that we are able to see all of the bots |
| **Steps of the test** | 1. Open VS Code 2. Open Terminal on VS Code 3. Download the app from the link provided 4. Run npm install 5. Start local server (node server.js) 6. Go to the browser and type in the URL: <http://localhost:8000> 7. In the opened website, click See All Bots button |
| **The postconditions** | A list of all bots should display under the See All Bots button |
| **Environment** | OS: Windows 11  VS Code: version 1.86  Browser: Opera version 107.0.5045.21 |

Bug report 1:

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| **Name of the bug** | Seeing all bots button not working |
| **Bug description** | When clicking See All Bots button on the home page, the list of all bots does not populate on the website |
| **Steps to reproduce** | 1. Go to the home page 2. Once on a home page of the website, click See All Bots button |
| **Expected result** | The list of all bots should display under the See All Bots button |
| **Actual result** | The list of all bots does not display under the See All Bots button |
| **Environment** | OS: Windows 11  VS Code: version 1.86  Browser: Opera version 107.0.5045.21 |

Bug report 2:

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| **Name of the bug** | Wins tally is not working |
| **Bug description** | When you win a duel against a computer, a tally of Wins does not increase by 1, instead the tally of Losses increases by 1 |
| **Steps to reproduce** | 1. Go to the home page 2. Once on a home page of the website, click Draw button 3. Choose 2 robots that you wish to play with 4. Click Duel! button 5. Ensure the text displaying in the middle of the page says You Won! |
| **Expected result** | The tally of Wins should increase by 1 |
| **Actual result** | The tally of Losses increases by 1 |
| **Environment** | OS: Windows 11  VS Code: version 1.86  Browser: Opera version 107.0.5045.21 |