

Test Plan

1. Objective: Make sure the game works well, find and note any issues.

2. Setting Up the Test Environment:

- Get the game ready on a local server.
- Use a web browser to play the game.

3. Test Cases:

a. Case 1: Checking Robot Data

- Steps:

1. Go to `"/api/robots"`.
2. Check that the response is okay (status 200).
3. Make sure the response has the right robot info.

- Expected Result: The game should show a list of robots with a thumbs up (status 200).

- Notes: This checks if the game is getting the robot data right.

b. Case 2: Playing a Duel

- Steps:

1. Go to `"/api/duel"` with the right player and computer duos.
2. Check that the response is okay (status 200).
3. Look at the response message to see if it's correct.

- Expected Result: The game should tell you how the duel went with a thumbs up (status 200).

- Notes: This checks if the main game part is doing its job and giving the right outcome.

c. Case 3: Checking Player Record

- Steps:

1. Go to `"/api/player"`.
2. Check that the response is okay (status 200).
3. Make sure the response has the right player record.

- Expected Result: The game should show your player record with a thumbs up (status 200).

- Notes: This checks if the game is keeping track of your wins and losses correctly.

4. Bugs:

a. Bug 1: Not Counting Wins Right

- Description: After winning a duel, the game doesn't increase your win count correctly.
- Steps to Reproduce:
 1. Win a duel.
 2. Go to `"/api/player"`.
 3. Check your win count.

b. Bug 2: Not Counting Losses Right

- Description: After losing a duel, the game doesn't increase your loss count.
- Steps to Reproduce:
 1. Lose a duel.
 2. Go to `"/api/player"`.
 3. Check your loss count.

c. Bug 3: Wrong Duel Outcome Message

- Description: The game tells you the wrong outcome message in `"/api/duel"` response.
- Steps to Reproduce:
 1. Play a duel.
 2. Check the response message.

5. Other Documentation:

- Bug Report 4: Shuffled Robots Missing
 - Description: The `"/api/robots/shuffled"` endpoint isn't giving a shuffled list of robots.
 - Steps to Reproduce:
 1. Go to `"/api/robots/shuffled"`.
 2. Check that the response doesn't have a shuffled list of robots.
- Notes: This needs fixing to make sure the shuffled endpoint gives a random list of robots.