

ASSESSMENT 6

Test Case:

Select two bots and duel. Expecting a valid result, either a win or a loss and no errors.

Test 1.

Selected 2 bots (Prime Information Drone & Nozzle) and clicked on the DUEL! button. The result was a loss, which was properly displayed to the screen. But there was also an error message displayed on the terminal indicating that the `bottsArr` was not defined. Actual result was not equal to expected result.

Result: Loss

Error in terminal: botsArr is not defined

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](#)

Wins: 0

Losses: 1

Draw

Choose 2!

You lost!

Play again!

Your Duo



```
U   30  
    31 app.get('/api/robots/five', (req, res) => {  
M     32 try {  
      33 let shuffled = shuffleArray(bots)  
        34 let choices = shuffled.slice(0, 5)  
          35 let compDuo = shuffled.slice(6, 8)  
            36 res.status(200).send({choices, compDuo})  
              37 } catch (error) {  
                38 console.log('ERROR GETTING FIVE BOTS', error)  
                  39 res.sendStatus(400)  
                    40 }  
                      41 })
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
karak@DESKTOP-SE9PIUL MINGW64 ~/downloads/assessment-q-a-devops/assessment-q-a-devops (master)$ nodeemon
[nodemon] 2.0.16
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting `node server.js`
Listening on port 3000
ERROR GETTING BOTS ReferenceError: botsArr is not defined
at C:\Users\karak\downloads\assessment-q-a-devops\assessment-q-a-devops\server.js:24:30
at Layer.handle [as handle_request] (C:\Users\karak\downloads\assessment-q-a-devops\assessment-q-a-devops\node_modules\express\rout
at next (C:\Users\karak\downloads\assessment-q-a-devops\assessment-q-a-devops\node_modules\express\routing\route.js:137:5)
```

Test 2.

Selected two bots (Rusty & Beta) and clicked the DUEL! button. The duel completed successfully with a win, but the wins displayed remained at 0. Expected result is a successful completion with no error.

Actual result: Win with error: wins count still displays 0

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

Wins: 0

Losses: 1

Draw

Choose 2!

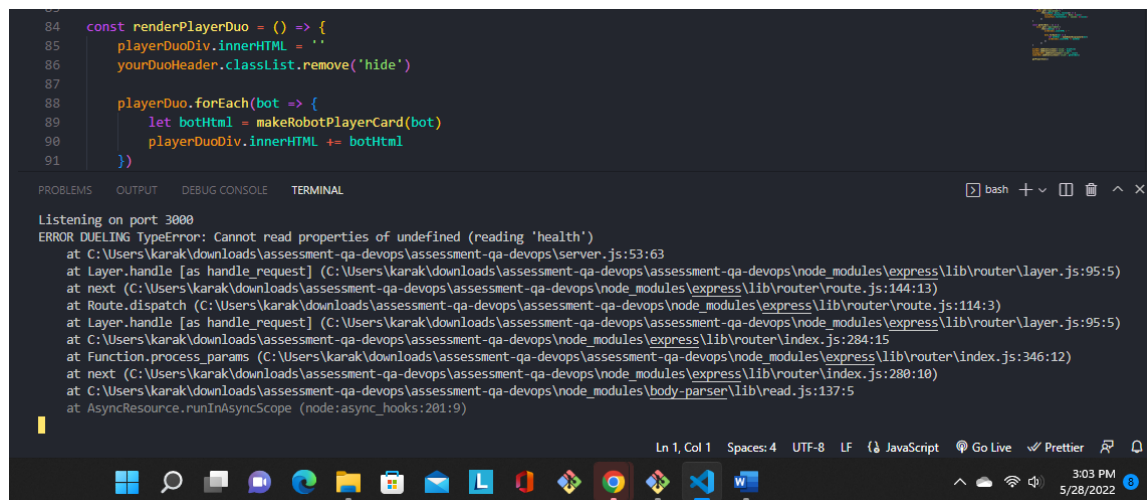
You won!

Play again!

Your Duo

Test 3: Bug Report

Will there be proper request editing or error-handling if I only select one bot and click the Duel button? Expected result: Yes, message will be displayed to user to select another bot before dueling.



```
84 const renderPlayerDuo = () => {
85   playerDuoDiv.innerHTML = ''
86   yourDuoHeader.classList.remove('hide')
87
88   playerDuo.forEach(bot => {
89     let botHtml = makeRobotPlayerCard(bot)
90     playerDuoDiv.innerHTML += botHtml
91   })

```

```
Listening on port 3000
ERROR DUELING TypeError: Cannot read properties of undefined (reading 'health')
    at C:\Users\karak\downloads\assessment-qa-devops\assessment-qa-devops\server.js:53:63
    at Layer.handle [as handle_request] (C:\Users\karak\downloads\assessment-qa-devops\assessment-qa-devops\node_modules\express\lib\router\layer.js:95:5)
    at next (C:\Users\karak\downloads\assessment-qa-devops\assessment-qa-devops\node_modules\express\lib\router\route.js:144:13)
    at Route.dispatch (C:\Users\karak\downloads\assessment-qa-devops\assessment-qa-devops\node_modules\express\lib\router\route.js:114:3)
    at Layer.handle [as handle_request] (C:\Users\karak\downloads\assessment-qa-devops\assessment-qa-devops\node_modules\express\lib\router\layer.js:95:5)
    at C:\Users\karak\downloads\assessment-qa-devops\assessment-qa-devops\node_modules\express\lib\router\index.js:284:15
    at Function.process_params (C:\Users\karak\downloads\assessment-qa-devops\assessment-qa-devops\node_modules\express\lib\router\index.js:346:12)
    at next (C:\Users\karak\downloads\assessment-qa-devops\assessment-qa-devops\node_modules\express\lib\router\index.js:280:10)
    at C:\Users\karak\downloads\assessment-qa-devops\assessment-qa-devops\node_modules\body-parser\lib\read.js:137:5
    at AsyncResource.runInAsyncScope (node:async_hooks:201:9)
```

Actual result: No

ERROR DUELING TypeError: Cannot read properties of undefined (reading 'health') There was no editing of request and the application attempted to duel with only one bot. It could not complete the request and an error message appeared on the terminal when the application tried to read data for another bot.