

Group Project Milestone 5

Team: Tech Buzzwords

Group Members: Dylan Fox, Julio Lopez, Eric Oropezaelwood, Erin “Jade” Wibbels, Yun Ting Chen, Munkhbayan Togtokh

User Acceptance Tests:

1. A user should be able to login using the login screen. If a user does not have an account, a user should be able to create an account. A user will know that they can login if they are redirected to the homepage after clicking submit after entering their password and login info. A user will know if they can make an account if they are successfully redirected to the home page after submitting new information to the create account page. If a user submits login information that is already in use to the create a account page, the user should be redirected to the home page and no errors should be displayed.

2. A user should be able to view a homepage populated with a list of CU Computer Science classes. A user should be able to click on the class buttons and be redirected to a page in which they can view scheduled study groups for their class. A user will know if this works by clicking on the buttons and verifying that they are redirected to a page with study groups on it.

3. A user should be able to view a calendar with study groups on it after logging and clicking on a class. A user will know this works if a calendar auto-populates with the current month and the times of scheduled study groups for the correct class after they click on a class button on the homepage.

Automated Testing:

Tool used – Mocha and Chai for node.js <https://mochajs.org/>

To use: `npm install --save -dev mocha`

`npm install --save -dev chai`

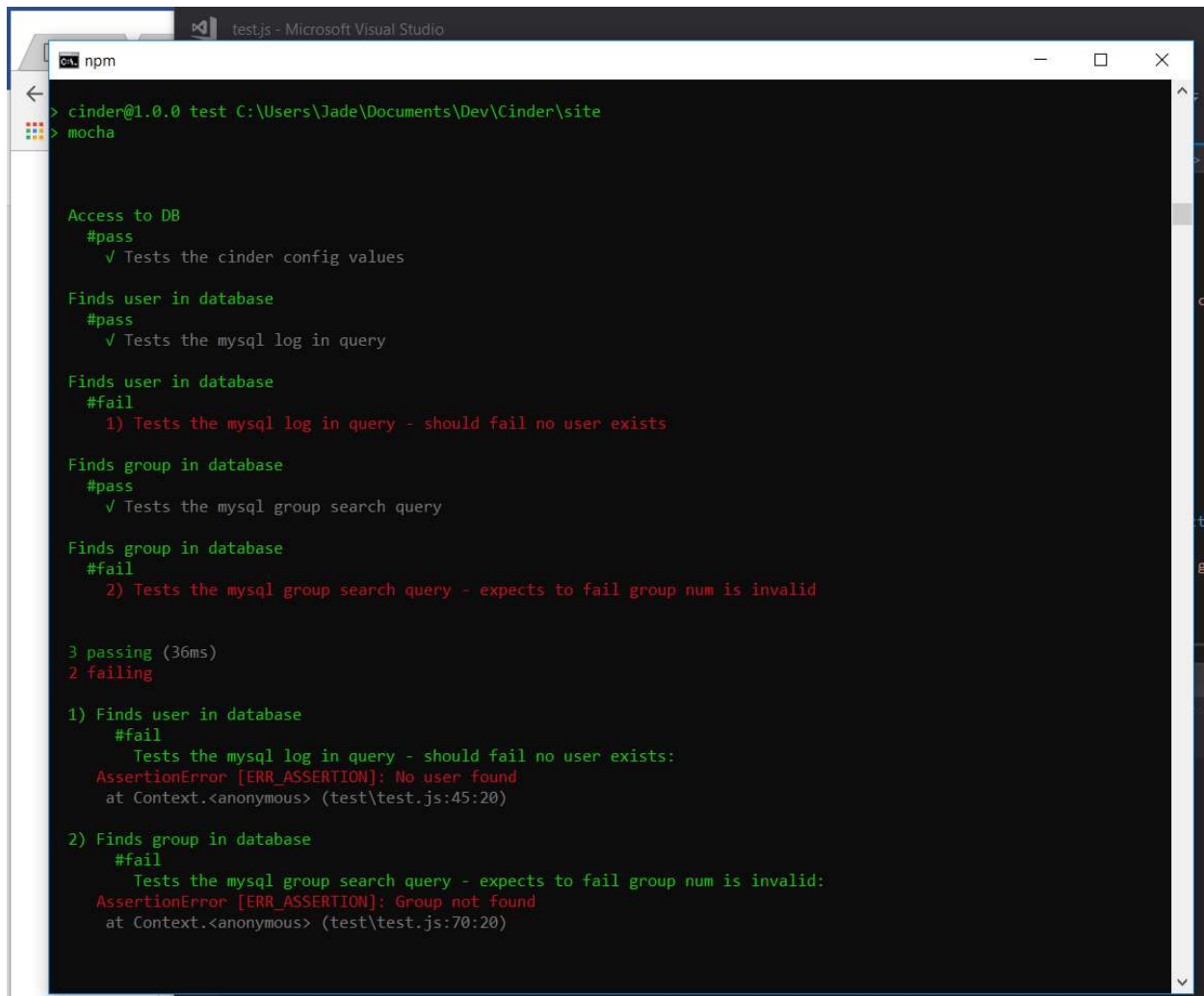
the package.json file needs to be updated with

```
"scripts": {  
  "test": "mocha"  
},
```

Then you can run the tests located in the test.js file by simply typing `npm test` from the root directory.

We wrote tests for our mysql queries with 3 cases expected to pass and 1 case expected to fail.

Our test.js file is located: <https://github.com/JadeWibbels/3308-Tech-BuzzWords/tree/master/Cinder%20files-code/test>



```
test.js - Microsoft Visual Studio
npm
> cinder@1.0.0 test C:\Users\Jade\Documents\Dev\Cinder\site
> mocha

Access to DB
  #pass
    ✓ Tests the cinder config values

Finds user in database
  #pass
    ✓ Tests the mysql log in query

Finds user in database
  #fail
    1) Tests the mysql log in query - should fail no user exists

Finds group in database
  #pass
    ✓ Tests the mysql group search query

Finds group in database
  #fail
    2) Tests the mysql group search query - expects to fail group num is invalid

3 passing (36ms)
2 failing

1) Finds user in database
   #fail
     Tests the mysql log in query - should fail no user exists:
     AssertionError [ERR_ASSERTION]: No user found
     at Context.<anonymous> (test/test.js:45:20)

2) Finds group in database
   #fail
     Tests the mysql group search query - expects to fail group num is invalid:
     AssertionError [ERR_ASSERTION]: Group not found
     at Context.<anonymous> (test/test.js:70:20)
```

All test cases passed as expected.