CS 362 In-Class Exercise: Project Beta Testing

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Project that you are testing: 6

PART-1: Organization and Purpose

Q1) Does the repository provide a README explaining the purpose of the software? If yes, based on reading that documentation, do you understand all the interesting features provided by the software? Do you have any advice to improve that documentation?

- They have a README, which states that this makes a free, detailed nutrition plan. But they don't state why I should use it compared to other services that do the same thing. Hooking the user is necessary in a very overstaturated field of nutrition/food tracker applications.

PART-2: Installation and Setup

Q2) Is the documentation to install or setup the software available? (Note that for web application, it would be a URL to access the website and instructions to host the website on a server). When following the instructions, do you face any difficulties while installing the software (accessing the URL for a website)? If yes, please explicitly state what issues you encountered, so that the project team can fix them.
NOTE: If you are testing a web application, then you do not need to set up a web server and try hosting the web application. Just go through the documentation to find out if it clearly explains the steps to host the website.

- The documentation for the setup is available. One thing I would add is to tell the user to cd into the NourishQuest directory before running npm run start, as you need to be in the same directory as the server.js file. One other thing would be to host the website on the engr server with pm2, and have the link in the repository so the user doesn't have to run it on localhost. Pm2 will make the server run indefinitely and auto restart in case the engr servers crash.

PART-2: Functional and Non-Functional Testing

Q3) Select a use case for the application-under-test and use your creativity to test the application in different possible ways. For example, if you are testing a login functionality, then test the sign up feature, sign in, adding invalid credentials, special characters, etc. Please provide the details of the use case you tested on the software by describing exactly what all you did and in what order? Make sure you are making notes while doing this. If you find any issues (e.g., something that was confusing, incorrect, or not working at all), please provide as many details as you can to replicate the issues so that the team can fix them.

- I tested the recipe's functionality. I pressed on the Add a new recipe button, where a title and description pop-up showed. There's a Save recipe button that shows up below, which, if pressed while the title or description is empty it will correctly ask you to "Please fill out this field" and not let you add the recipe. Once you fill out both fields, it'll correctly add the recipe to the recipe page. There is a remove button to the right of the recipe that was added, which correctly removes that recipe. There were no errors with this page, but it is pretty bare-bones, so I would recommend adding more functionality to the recipes page. Since recipes need ingredients, that could be a category field to type in, the steps could be another category field, the time it takes to make the recipe could also be added to another category field, etc.