

CS 362 In-Class Exercise: Project Beta Testing

Your name: John Polasek

Project that you are testing: Team 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?

A readme does exist which points you to their wiki and how to install. The main purpose and use cases are located in the project proposal. It would be great if they mentioned that in their README. Other than that their project proposal, README, and project proposal are well documented and explain the application well!

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.

There was a lot of good information on how to install and set up in the user documentation, their wiki, installation guide.

No bugs, or confusion for me since we also did a node.js site. If an average consumer had to local host it there may be more issues. Ideally instead of a local host it could be live on a public

url.

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.

Use case: sign up.

The user is able to sign up if you do not click on the agree to terms and conditions. Can input negative values for height and weight. Additionally height and weight can be left blank.

Must click on “sign up here” and not “Don't have an account?” on the login page to navigate to sign up.

****** If you are on the sign up page and only enter a username that does not yet exist in the database and then click sign up, an internal server error is shown. This happens also if there is only an email or only a password. Additionally this continues to happen if you have values input in age, height, and weight, but no email, username, or password.

No character limit on username, not a bad thing but may want to limit this so a username does not take up the entire profile page.

May want to restrict inappropriate usernames, if there is time.

I was unable to find any other bugs with login or sign up. Passwords are successfully hashed and accounts created.

I did try inputs like `/^(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{8,}$/`

Maybe create a way to verify emails are real, but other than that it looks great.