CS 362 In-Class Exercise: Project Beta Testing

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Project that you are testing: Group 17: Project Painter

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?

A1) Yes the repository u provides a README which explains the purpose of the software. After doing my reading the general format of the software and what it should accomplish for a user of both their software and canvas. I think my only suggestion (as per the prompt) would be to maybe include a quick list of some of the specific features that the plugin accomplishes (such as dark mode, or saving a theme) but that might also be a bit extra. Otherwise the document is concise and easy to follow!

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.

A2) Yes, the documentation to install or setup the software is available, and I did not face any difficulties in following the instructions in order to install the extension. It was very clear and easy to follow what to do.

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.

A3) Use case: User wants to make a large number of different themes (20+) with different styles and choices. The user downloads the extension, opens the UI menu, choses some color options, and then saves the theme.
   - When making enough themes that the dropdown menu would go off screen, the UI properly implements a scroll bar.
   - When making multiple themes, a user can give a theme the same name as another theme which is not a bug, but might be worth preventing to avoid user confusion. This is especially the case if the user makes one theme after another, forgetting to change the name tag
   - User makes a theme and saves it. Then the user clicks on that theme from the drop down, clicks on the edit theme button. The user changes a color for a box of their choice without changing the name of the theme. When the user presses the save button, nothing happens, meaning the user needs to supply a Theme Name in order to properly save the edits. This also creates two unique themes instead of editing the old one
   - User creates a new theme and names it a very large string/name. There's no maximum length for the name meaning user can create names that flow off the screen. This wouldn't be a common issue in most cases but it is something to consider. (example 1)
   - Again not necessarily a bug, but It's very easy for a user to delete a theme on accident as there's no warning prior to deleting the theme and no confirmation the theme was deleted from the list unless the user explicitly looks. This could be an issue if the user has two themes with the same name (on accident) and then delete the wrong duplicate name

Example 1

First Theme   ⌄

| First Theme |
| Meep |
| Meep1 |
| Meep12 |
| Meep13 |
| Meep14 |
| Meep145 |
| Meep145111111111111111111111111111111111111111111111111111111 |
| Meep14511111111dsfdsfdsfffffffffffffffffffffffffffffffffffffff1111111111111111111 |
| Lorem ipsum odor amet, consectetuer adipiscing elit. Pharetra neque su |
| Test |

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      Discussion Board Link

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