CS 362 In-Class Exercise: Project Beta Testing

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Project that you are testing: Project 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?

Yes, the repository contained a README explaining the purpose of the software. While the top level overview does not provide information specific to the interesting features, the use cases section describes the functional features that are part of the extensions. The explanation of the standardized syllabus is a bit vague because it does not effectively explain what it means to create a class. A suggestion I have to improve the documentation is to dedicate a section to explaining what the standardized syllabus is. The other two features explained by the use cases are relatively self-explanatory. However, without an explanation of the standardized syllabus, it is hard for me to understand the use case.

PART-2: Installation and Setup

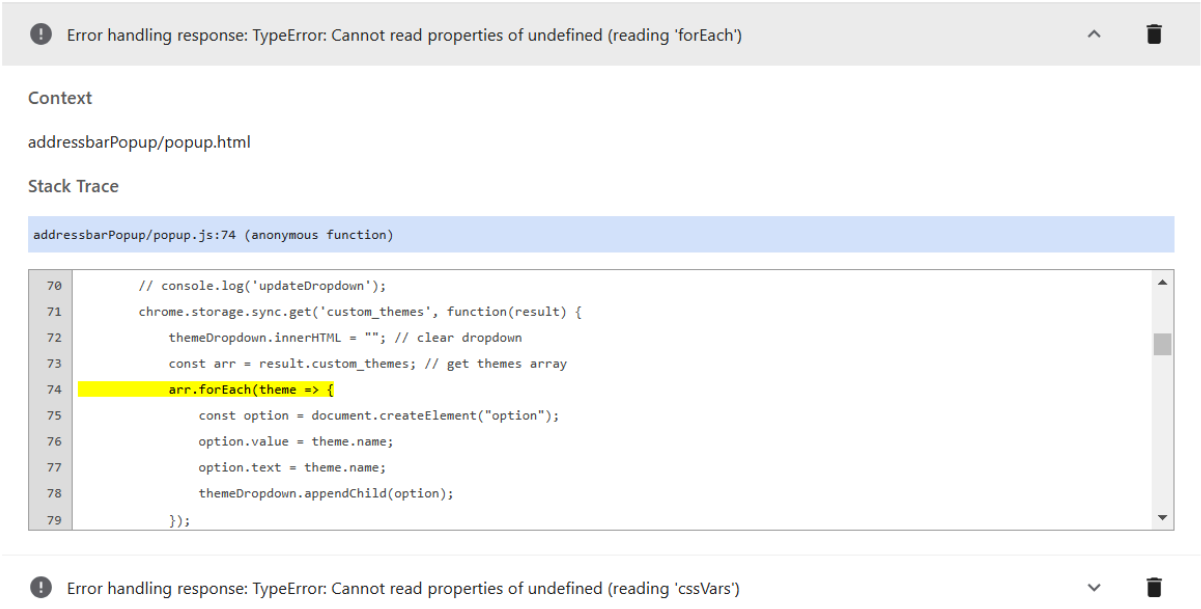
Q2) Is the documentation to install or setup the software available? (Note that for web application, it would be a URL to access the website and instructions to host the website on a server). When following the instructions, do you face any difficulties while installing the software (accessing the URL 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 to install and set up the software is available and thorough. I encountered no issues during the setup process, and I did not see anything that a user may make a mistake on. One thing I would recommend would be to configure the downloadable zip file as a release on GitHub. However, I assume that a more suitable release platform is already decided upon for the final release.

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'm not sure how much of a problem this is, but my google chrome extensions produced this error throughout the execution of the program:

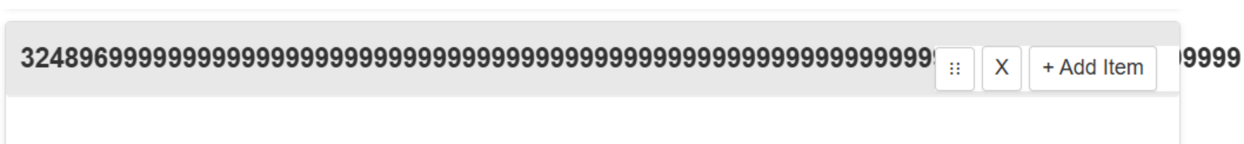


Use Case: Viewing and editing the Standardized Syllabus.

- The use case in the README described being able to create a class. I am entirely unsure of where this feature exists in the program. The help page did not mention such a feature. If this is the automatic generation of the Standardized Syllabus, then that should probably be described as such in the project documentation. If this is a separate

feature, then I was unable to determine where it was or what it meant from the available documentation.

- Out of the four courses I am taking this semester, two of the standardized syllabi generated correctly. This is impressive in and of itself, but it is still a bug. The two that failed to generate correctly had canvas tabs for the syllabus that were laid out in the same manner that the passing cases were. I was unable to determine why the program failed here.
- I opened up one of the successfully generated syllabi and clicked the edit button. I added a new item. While editing the name, I added the name, “324896999”. It saved correctly but did not display anything for the name. A shorter name like “math” worked as expected.
- While in the same edit menu, I tried to use the rearrange option. It worked on the existing entries, but not the newly added ones. They were unable to be dragged up or down in the order. This issue persisted when I created new categories.
- When I made a category with a long name, it went over the right end as such:



- The delete functionality seemed to work perfectly.
- One point of confusion I had was the lack of a difference between the “Done” and “Save Changes” options in the edit menu. They seemed redundant.
- I cleared all categories using the DELETE function then I attempted to use the “Upload a syllabus” option from the edit page. I selected the .pdf of one of the originally working syllabi, but nothing happened. I suspect this feature simply has not been fully implemented, as it was not described in the use cases or the help page.
- When I clicked the full-screen functionality, it seemed to work as expected. The only thing that was not obvious was an option to return to the window-locked view without closing the window and reopening it from the canvas page.
- When I removed all rows from a given category and saved my changes, an “Update” button appeared. It showed a version without those changes made. The labeling of the update button is a little bit confusing. It seems like it’s some sort of undo, but I’m not entirely sure of what the use case is.