COMSW 4156 First Iteration Demo Summary

Team WLTT
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1   Demo Details

We completed the demo on 2:30 p.m. Thursday, 1st November. During this demo, we showed the user stories and conditions of satisfaction that we achieved in the first iteration. We also demonstrate of pre-commit log and CI on GitHub. We discussed the challenge of integrating Travis CI into our project and agreed on settling this problem by submitting the issue that we encountered to Travis CI.

2   User Stories

In this iteration, we have achieved the majority of our user stories and conditions of satisfaction in our revised proposal. Including:

2.1

As a note taker, I want to add common markdown formatting to my notes so that I can organize it to be more readable. My conditions of satisfaction are:

- I can create numbered and bulleted lists

- I can separate Heading and Body

2.2

As a note taker, I want to see my pdf preview and script side by side so that I can preview the note directly. My condition of satisfaction is:

- I can see two split views in one window. One shows the plain text I typed, the other one shows the parsed and rendered note according to my markdown input

2.3

As a note taker, I want to preview the note in real-time so that I can better understand whether the note is correctly taken. My conditions of satisfaction are:

- The text shows in the original format should be synchronized with the parsed version

- When I scroll the preview window, the original note will scroll as well

- When I add/delete text, the preview window will be updated within a few seconds

2.4

As a note taker, I want to view the note and the markdown script simultaneously so that when I write a long note and make a change in the middle, I can see the effect in real-time. My condition of satisfaction is:

- When I scroll the original note, the parsed note will change correspondingly

2.5

As a note taker, I want to save my notes in the application so that I can read it afterward. My condition of satisfaction is

- All the contents and formatting of my note should be preserved.

2.6

As a note taker, I want to save my notes with a title and see its date so that I can easily recall the content of my notes. My condition of satisfaction are

- I can change the title of my note

- The metadata of my notes, such as the title, time of creation/editing should be preserved and I can browse and review my notes by the title.

For the next iteration, we would incorporate public API into our project and further improve our UI and add more functionalities to improve the user experience.

3   CI Mechanism

We use Travis CI for our project. Our project is based on NW.js so that most of our code is written in Javascript. To test our code, we install a Chrome browser in Travis CI as the interpreter of Javascript and use npm install to install dependencies and start a sqlite3 service.

Our test script is based on Karma and Jasmine. Karma will start the Chrome and load dependencies. Then it will load another framework called Broswerify to support Node.JS. Finally, it will run the Jasmine script in ./spec/ and collect the result of tests.

We encountered a problem of integrating Travis CI which seems to be confronted by others using Travis and npm. It appears that Travis CI is not compatible with npm. When our test script finishes and all of the test cases are passed, the Travis CI will not terminate the test process and will continue waiting for the response until timeout. We will report this issue to Travis CI to get their response.

4   A link to the GitHub repository

https://github.com/XuhengLi/WLTT/tree/Xuheng