



Lightweight Start-up Company Kit

CS Team 10 Bi-Weekly Report
COMP204P – Software Engineering
10/03/2017

Team 10

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Overview

Over the past two weeks, we've mainly been trying to add the top-most important feature which is to be able to add snippets of code by using tags directly in the code and with a click of a button, the code is added and the tags are removed. This has been successful with a number of languages but the we hope to be able to do this with a majority of languages that Visual Studio supports.

We've also completed the integration of the separate parts of the extension and works very well in debug mode but after exporting the project into a VSIX package and installing in it, unrecoverable errors occurred. And we've spent time over the two weeks resolving these issues. A particular issue was originally, the extension required external files, but they weren't included when the extension is packaged so we had to go research on how to include files. Among other issues.

Along with all this, we have also been working on refining the current user interface that we have implemented from the previous two weeks, cleaning up and removing unused code from experiments. And lastly we been adding and updating content to the project website.

Meetings

28/02/2017 – 5:00pm

Place: Skype

Outline: Integration and questions

Attendees: Sam Pham, Javier Mesa

This meeting was just a coding session, allowing us to communicate if we didn't understand each other's code or needed a new function. We also asked each other opinions and suggested ways to implement certain features.

03/03/2017 – 7:00pm

Place: Skype

Outline: Testing on other clients and presentation

Attendees: Javier Mesa, Sam Pham

During this meeting, we made the presentation to give to Yun Fu regarding the progress we have made of the project. This gave us the chance to look at the requirements again to see what we have implemented and what still needs to be implemented urgently. Such as being able to add code via tags. We also packaged the extension into a VSIX installer and tested the extension. Unfortunately, it didn't work as planned. Will probably discuss in the next meeting and come up with a solution in the meantime.

07/03/2017 – 7:00pm

Place: Skype

Outline: Fixing new errors that have occurred after the last meeting

Attendees: Javier Mesa, Sam Pham

After the last meeting and until this meeting we come up with solutions for a number of errors that appeared in the packaged extension. We used this meeting to add in the solutions and discuss what changes were made to achieve the solution. We also discuss various improvements in the extension that each of us has made to it.

Complete Tasks

Below is a list of completed tasks:

- After the integration, the extension now works with the website generator and is able to upload to a pre-existing server anytime the user wishes to
- When adding images to the template, they are actually shown rather than appearing as a download link
- Improvement on UI for extension and generated website
- Started on automation of added snippets with tags

Over the past two weeks, we feel that we are on schedule with the project and that it's going along smoothly. With both the website and extension being completed. We do hope that we can get into contact with the client as we have some questions.

Individual Reports

Sam Pham

Since the last bi-weekly report, I've been working with Javier to finish the integration and also fixing bugs on my side of the extension when it was made into a packaged extension. So this included having external files and turning it into an embedded resources. Also the extensions was saving user data in temporary locations instead of the solution that is currently opened. So these issues among others were resolved. I've also been adding content to the website. I have also been working on the website generator so that it will display more content directly on the website rather than having to download the content to view it.

Javier Pasual Mesa

During the past two weeks I have been focusing on the debugging of the app. Errors frequently occurred when switching between toolbars and most of them (all the ones I have located up to now) have been fixed. On top of this, we are having issues adapting the functionality of the extension from debug mode to an actual VSIX packaged extension, as errors are being thrown and the Visual Studio IDE crashes. I have been looking into this issues and have already found the source of the crashes, and I am currently working on correcting the problem.

In the Next Two Weeks

In two weeks' time, we hope to further develop the extension, with the following aim stated down below:

So, the following team meetings over the next two weeks will probably include the following:

- Present the current status of the project to the client and ask them questions that we currently have regarding hosting of websites as well as asking for feedback
- Allowing the user to add tags to the code and with the single button the extension will add all the tagged code for ease of use
- Fix issues with the extension when it is packaged
- Refine the extensions just as the UI, making it look better and more intuitive to use