Lightweight Start-up Company Kit

CS Team 10 Bi-Weekly Report
COMP204P – Software Engineering
10/02/2017

Team 10

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Overview

Over the past two weeks, there have been two major areas that we have been working on as a team. One of them has been integrating members features and code together to produce one application. So as of this report, we now have one extension which is able to take snippets of code selected by the user, and with a comment, generate a website with multiple pages. It is up to the user as to how the website can be structured. The extension is able to upload to a pre-existing virtual machine using SSH but we have yet to implement the feature of automatically deploying a new server and uploading it.

The other major area is the data handling. After thinking about requirements and possible features if there is time, we have decided to overhaul the data handling system we had. As we felt it was very restrictive and didn't allow for user customisability. Also it was hard to manipulate the data. We are now using a combination of JSON for the majority of data and normal text files to store for the code. This data will then be read to generate the website.

Some other small changes such as perfecting the user interface for the extension and the generated website. The project website has also been slightly updated. We have started to work on deploying an Azure virtual machine through the extension. Also we are now looking into being able to add code and comments by tagging directly with the code rather than highlighting and filling in comments through the extension.

Meetings

31/01/2017 – 7:00pm
Place: Skype
Outline: Discussing about the how the HTML generator would read from data model
Attendees: Sam Pham, Javier Mesa

In this meeting we discussed about of the extension was collecting the code from the user along with the comment and how it was being store. As well as how would the HTML generator be able to read this data to create the website. Some concerns were raised.

02/02/2017 – 9:00am
Place: Science Library
Outline: Discussing issues with data model and improvements
Attendees: Javier Mesa, Sam Pham

After the last meeting, there were concerns raised and we decided that the current data model was inadequate for what we needed it to do. As a result of this we started to look at alternatives and decided it was best to use JSON and text files. For the rest of this meeting we talked about how the JSON file/s should be constructed.

07/02/2017 – 2:00pm
Place: Malet Place 1.05
Outline: Progress and Integration

Attendees: Javier Mesa, Sam Pham, Saheed Busari

During this meeting, we discussed with Saheed our progressed and what we hoped to accomplish in the following two weeks. We the JSON data model complete, we started to explain what sections of each other's code does and begun integrating each other's code.

09/02/2017 – 2:00pm
Place: Foster Court B24
Outline: Integration
Attendees: Javier Mesa, Sam Pham

This meeting was a follow up of the last meeting. Discuss how to use each other's code and what function does what. And then integrated both team members code to produce one extension.

Complete Tasks
Below is a list of completed tasks:
- With the template produced last time, the user can now populate the templates with the desired code and comments
- The user can also now store files that will be attached to the website
- The data model to hold all comments, code and files
- Integration of members' code
- Improvement on UI for extension and generated website

Since the last bi-weekly report. We feel that as a team, we have made progress with the project and that it is on schedule. And all members of the team are happy with progress and rate at which the project is moving.

Individual Reports
Sam Pham
Over the past two weeks, I have been working on the new data model that stores the codes, comments, files and website structure for the extension that will be used to generate the website. I have also been further developing the generate for better UI. I have also been working on being able to upload the website to a pre-existing server and currently working on deploying a new server and uploading the website to that. I have also been working with Javier to integrate both of our codes.

Javier Pasual Mesa
For the last two weeks, I have concentrated on finishing the UI and the perfecting the file linking function. I also started working on the automatic searching tool, and I am currently working with my partner to integrate both parts of the code. As we have decided to follow a different approach for the saving of code from the user, I am currently trying to adapt my code to the new functioning of the extension.

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:
- Working on stored files such as images and PDF documents and make them appear on the website
- Deploying a new Ubuntu server on Azure and uploading the generated website onto the server
- 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
- Allow more user customisability, so that the user produce a more unique and personal website