



# Lightweight Start-up Company Kit

CS Team 10 Bi-Weekly Report  
COMP204P – Software Engineering  
27/02/2017

## Team 10

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## **Overview**

Since the last bi-weekly report, we mainly have been concentrating on integrating all our experimental code and members' code together to produce one main extension. As a result, we now have one extension that allows user to add snippets and files to the website, have the website automatically generated and uploaded to a pre-existing server so the website is viewable online.

During the integration, we found of the initial UI prototype developed before Christmas in the last module was not that good and slightly confusing. Which is also confirmed after we presented the design to some of our other colleagues. So, we had to slightly redesign the user interface for the extension. It now includes pop-up windows and there is a window that allows you to preview the website while editing the snippets and sections.

We have started to work on being able to add code by tagging the code and then clicking on a button which would scan through the entire code base and add it to the extension. We have been looking into auto-deployment of virtual machines in Azure but have been unsuccessful, hopefully with further research this can be achieved.

## **Meetings**

Due to Scenario week, no meetings were held between the 20<sup>th</sup> of February and the 26<sup>th</sup> of February

13/02/2017 – 12:00pm

Place: Skype

Outline: Integration and questions

Attendees: Sam Pham, Javier Mesa

In this meeting, we integrated each other's code and created new methods and UI elements that each of our codes needed to function. We also talked about potential issues with our current user interface design as it became clear that it was a bit confusing to use and we have found better ways to implement certain sections of the extension. We will ask friends to ask their opinions.

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15/02/2017 – 11:00am

Place: Skype

Outline: User interface over-haul and integration

Attendees: Javier Mesa, Sam Pham

During this meeting, we came up with a new design for the UI for the extension which we and other felt was a better implementation for the extension. We started to implement the design. We also discussed naming standards and coding styles so that the code across the entire project would be consistent and easier to use.

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19/02/2017 – 7:00pm

Place: Skype

Outline: Coding and helping each other out

Attendees: Javier Mesa, Sam Pham

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.

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## **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**

Over the past two weeks, I have been working on with Javier to integrate the experimental code together to produce a single functioning extension which does what the requirements asks as well as cleaning up code and commenting them for easier understanding. As a result of the integration, I have also helped out fixing bugs and issues that have arose. I have also been looking into deploying a virtual machine with Azure but have been unsuccessfully. And lastly, I have been updating the project website with new content and new information about the project.

### **Javier Pasual Mesa**

The last weeks have been very productive, as we have been working on integrating completely both parts of the extension. I worked on creating a new UI and merged my partners code with the main application. On top of this, I have been working on improving minor details of the functionality, specially the way dialogs are opened and closed. Afterwards, I started integrating the automatic extraction of code from the projects directory, and this functionality is close to being finished. On top of this, I have researched ways to improve the usability of the extension, and making the UI more user-friendly.

## **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:

- 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
- Creating a packaged extension and testing it out