

Team 41  
Bi-Weekly Report  
UCLH Peach & Microsoft : Tools

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16/01/2017 - 27/01/2017

## Overview

### Progress summary

Over the past two weeks, our team mainly focused on two areas - preparing for an important pitch for the entire Computer Science class, academic staff of our the project and a board of clients. Secondly, we conducted additional research in order to make a final decision on which software design patterns we could utilise in the project. Both of the tasks were completed successfully and our team is ready to move on to the next stage of the project.

### Successes

- Successfully prepare and deliver a presentation containing a technical overview of our project
- Research development methodologies and design pattern that can be applied to the technological stack chosen
- Confirm the choice with a project academic adviser

### Issues

- Minor technical difficulties with slide change during the presentation
- A wide range and considerable amount of technical documentation to study
- Being unfamiliar with several technologies that will be used in further development

## Meetings

### Progress assessment and presentation preparation - 17/01/2017

This was the first meeting our team had in the beginning of a new phase of the project. In order to establish a clear understanding of the current state of our progress, we reviewed previous submissions, experiments and prototypes. Also, our team worked together to produce a set of slides and script for the client presentation we were going to have that week.

### Development strategy research - 20/01/2016

In our first lab session we updated our teaching assistant on our progress and future plans. In addition, we discussed the ways in which we could go about developing a complete version of our system. In doing so, we realised that we are not informed well enough about which design patterns can be applied to our

project. Thus, in order to make a sound decision that would ensure success of our project, we decided to undertake additional research on this topic.

### **Strategy confirmation - 27/01/2016**

In our lab session, we discussed our research results on both technologies and strategies. We made a refined design of our final product so that we can make future plan based on it. We decided to draw a further design graph and start coding bit by bit towards the final product but in the meantime using PoC strategies to test different ways of coding and compare their weakness and strength. Weve talked to the client to make sure we are on the right track and also confirmed a few details with him.

### **Future plans**

- Analyse issues that our prototypes have in order to be able to successfully tackle them in a complete version of the system
- Begin development of various system components

## **Individual reviews**

### **German**

During these two weeks, I was in charge of two core activities that our team has undertaken - I wrote the script, worked on slides and delivered the presentation to our clients. In addition, I have done the majority of research on applicable design patterns and suggested the options that our team will be going with. Overall, our team is making decent progress on the project, however there is still a lot to be done to achieve success.

### **Nancy**

During the first two weeks of the development phase, I did some research regarding design how design patterns could be implemented in our system. Furthermore, I did an online tutorial to enhances my coding skill and organised task using trello. I work collaboratively on the creating a medium post regarding our project and preparing a script for our group presentation.

### **Angela**

I did some researches on design patterns and reactJS and made a demo to practise. I have drew a sketch of the design of the system so that we can have a clear view about what to do next and what are the things we need to learn. I wrote a small part of the medium post that our client requested.