

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

German Mikulski, Nancy Amelia, Yuan Pan

Week 3: 31/10/2016 - 18/11/2016

Overview

From 31/10/2016 to 04/11/2016, we had a scenario week project, which was based around automatic deployment of web application onto virtual machine servers. Next was the reading week. Both weeks were a great research opportunity that will prepare us better for successfully delivering this app project. We did further readings related to technology we will use in constructing the system and in experiments stage.

In the next weeks our focus will be on constructing prototypes, experimenting on them and updating content of our website.

Meetings

Work division - 14/11/2016

In the first meeting, we discussed deadlines on Moodle and consolidated our plans for the next weeks. We have decided that Nancy will be responsible for gathering and managing contents of the website, while the rest of team will focus on experiments and developing prototypes. We exchanged ideas about what we could do during the experimental stage and decided that we will concurrently create the prototypes that will lay foundation for system implementation.

Scenario Week Learning Experiences - 17/11/2016

In the second meeting we discussed the learning experiences we had during the scenario week. We found out that each of us had explored different aspects of website deployment. Some focused more on learning new programming languages such as Ruby on Rails and Django, while the others focused on the scripting for automated deployment. In addition, we worked on contents for team website that will be presented to our client.

Tasks Completed

- Set a plan of what we are going to do in the next few weeks.
- Researched front end technologies (Bootstrap and SASS)
- Gained insight into new frameworks (Django, Ruby on Rails and PHP)
- Did further readings which helps to understand more about Angular.js and React.js
- Learned the basic concept of scripting

Progress summary

We used the last two weeks to broaden our understanding of web technologies and different stages of creating a web project. We split the work between three of us: Nancy is in charge of the website content while German and Angela will be working on experiments and prototypes. According to project requirements listed on Moodle, our team is on the right track and we are making progress in a good pace.

Issues highlighted

- We are still not sure about which front end framework we are going to use. Frontend team will decide what languages will be used to develop this component.

Plan for the next week

- Start experimenting with different technologies
- Create a draft design of the prototype
- Add content to the project website

Team members

German

Over the course of scenario and reading week I had a chance to research a lot of technologies that were new to me - cloud storage, Django framework and Bash scripting. I also researched topics related directly to Peach project - openEHR, operational templates and EHRscape backend system. Now I feel confident to move to the experiments stage and see how possible solutions for our system will behave in practice. Overall in my opinion everyone in our team is dedicated to the project and I am happy with the progress.

Nancy

Throughout the scenario week, I developed a greater understanding of automated website deployment. I worked with my friends to create a website using Ruby on Rails and gained a deeper understanding about Model View Controller (MVC) design pattern implemented in Ruby on Rails Framework. Furthermore, I researched about websites deployment onto virtual machine servers such as Amazon Web Service and Microsoft Azure. Personally I am satisfied with the progress of our team. Everybody has been contributing significantly to this project.

Angela

During the scenario week I learnt how to use Django to manipulate the view, model and connect them to the webpage. After that, I did some research on the front end frameworks like Angular.js and how to use them. I checked with other team members what we should do in the next stage and what we are going to experiment first. Also I check the document of the backend technique we are going to use and understand the basic of its logic. I am happy with the progress so far and quite confident with the next stage.