

Automating PLORAS - 27/11/2015 Bi-Weekly Report 4

Team 32

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1 Overview of last two weeks

Over the last two weeks we have gathered a full set of MoSCoW style requirements based on feedback from the clients. In doing so, we now know exactly what is expected in the user interface and server side of things for the project. The scripting task from the previously bi-weekly report has also been presented which was well received. We have produced three different prototypes on the UI based on the needs of the clients. The different scripts that were produced in previous weeks have also been improved. Also, more content added to the website, primarily in the requirements section.

2 Summary of meetings

2.1 Meeting 1: 19/11/15

During this meeting we examined the scripts produced for the task set by the clients previously. We also discussed the next steps for our project, specifically the user interface that the target audience would want. We then set up a client meeting to demonstrate the automation task we had completed on the generation of a spreadsheet. Also, we wanted to work with the clients to produce a more detailed set of MoSCoW style requirements along with the UI. With regards to our project management, we decided to document our progress more efficiently. This was done by writing up reports of what happened in meetings as soon as they were complete and also by better utilising GitHub as a means of source control.

2.2 Meeting 2: 24/11/15

This meeting was held with the clients present. In this meeting, we first presented the script for the automatic generation of the spreadsheet which was well received. We then moved onto the requirements for the project as a whole. This allowed us to gain a deeper insight into exactly what the clients wanted. We also discussed the next task we were set, which was the production of the user interface. It was decided that we would come up with different prototypes and then evaluate which one would be best suited for the job.

2.3 Meeting 3: 24/11/15

This meeting occurred directly after the client meeting we just had. We worked together to understand all of the information given by the client.

This included specific requirements that they wanted in both the server side and user side of things. We agreed to produce a simple prototype each with our own interpretation of the user interface with all the key requirements implemented. The full set of MoSCoW requirements were also agreed to be produced.

2.4 Meeting 4: 26/11/15

In this meeting we showed each other our prototypes for the user interface with each of us attempting to bring up negative issues in the work produced. This led to us coming to a conclusion of what would be the ideal interface from the ideas we came up with. It was also decided we would need to come up with Use Cases for the prototype along with more detailed analysis for each prototype to be put on the team website.

3 Tasks completed

A major task that was completed was the production of a full set of MoSCoW style requirements. We have also produced multiple prototypes for the user interface of our web app which obeys our requirements.

As discussed in the previous bi-weekly report, we have now significantly improved our project management between the group which has led to an increase in productivity.

4 Problems that need to be resolved

One of the problems we had was that we were not sure which of our requirements had the highest priority and which should be of a lesser priority. We were able to solve this problem by gaining feedback from the clients to better understand what they wanted.

5 Plan for next two weeks

Over the next two weeks we plan to wrap up COMP204P by making our final decisions based on the conclusions of our research. This shall be done due to the HCI analysis to be carried out on our user interface PoC.

From the information gained in this module, we expect to have quite a detailed plan for the PoC in the next module.

We shall also carry out further tests on the scripts produced so far.

The final video will also be produced which will explain all that we have achieved in Systems Engineering 1.

6 Individual tasks completed

6.1 Daniel Blackwell

During this period I setup a client review meeting to check up with Cathy Price on whether the scripting that we had done for Suz was sufficient to link up with her prediction system; this meeting was also used to get feedback on potential UI solutions - we all agreed that a web portal would be best, there are also a number of patient details that need inputting which had been forgotten about during initial discussions about the system. I also produced a potential UI mockup, which I felt best suited the needs of hospital workers - that is, simple to navigate and as clutter free as possible.

6.2 Jędrzej Stęczyński

During the two weeks I have been working on creating various improvements and bug fixes to the scripts we have created for the project. This included fixing the processing of multiple patients at the same time as well as creating a temporary master script where the user can decide whether they want to process all the patients and generate the spreadsheet. In the final version of the application, this is going to be done by our web application. I have also started writing possible use cases for our project. Because of the limited amount of required features this list is not extensive, however, it is still worth producing it, so that we do not forget about something trivial. Moreover, I have started preparing some automated tests for the scripts, that if we have to change them somehow we would know whether they still work.

6.3 Farbas Miah

What I have been primarily working on was to obtain a detailed set of MoSCoW style requirements which included functional and non-functional requirements. To do this we had to work with the client to specifically find out more details on what they wanted in the UI. Another major task I have been working on was producing one of the prototypes for the UI based on feedback from the clients. We expect to demonstrate this to the clients in our next meeting.