
Automating PLORAS - 11/12/2015 Bi-Weekly Report 5

Team 32

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1 Overview of last two weeks

Over the last two weeks we have been working hard to ensure everything is complete in time for the deadline. This meant that several key research related sections for our website were completed. A HCI analysis was carried out and completed which resulted in the production of user needs requirements. We also completed the write up of our results and decisions obtained from the research we conducted over the course of the module. The plans for our testing that needs to be carried out were also completed with a good structure to them to ensure it could be completed automatically.

2 Summary of meetings

2.1 Meeting 1: 03/12/15

In this meeting we prepared for the submission of the website and video by going over everything that was not yet completed. Tasks were allocated with plans to carry out a HCI analysis, write ups on the research undertaken and also on testing plans for our application. It was decided a script would be written for the team video.

2.2 Meeting 2: 09/12/15

For this meeting we aimed to produce our team video for the final COMP204P module. We also looked at each section of our website to make sure everything was up to date and any errors were corrected.

3 Tasks completed

We have carried out a HCI analysis which resulted in the production of a list of user needs. We also analysed each of the initial prototypes by producing pros and cons for each of them. From evaluating the prototypes and through the use of our requirements and user needs, we have come up with a final design. In completing COMP204P, we have come up with our plans for the PoC for the next term. These plans have been separated into two distinct areas, the front end and the back end. There are also some potential plans that could be implemented in the future, after our project is complete. We have also concluded our research on testing methods and of what software shall be used. These have been written up in the relevant sections in the project website which is now complete. This means we have finalised all

of our requirements and goals in preparation for the second term. All our prototypes have resulted in our team concluding how our system will be designed and built.

4 Problems that need to be resolved

Some issues that we had were on deciding how our final prototype should be. However, we managed to solve this by going through each of our initial prototypes and finding the strengths and weaknesses of each and then merging them together to form a final design.

5 Plan for next two weeks

This is the last week for the COMP204P module. However, we will be looking further into the Django framework so that we are all sufficiently prepared to begin programming our final prototype for COMP205P.

6 Individual tasks completed

6.1 Daniel Blackwell

During the past two weeks, I was at first writing up our research for programming choices, before moving onto working onto updating the website. I have been working towards the video and have completed the voiceover already. In the meantime I have also introduced the team to Trello, a pinboard type project management web application which has helped us organise what needs doing and who is working on it at any one time.

6.2 Jędrzej Stęczyński

For the final two weeks of the COMP204P project I have been mainly focusing on refactoring existing scripts. I have been removing obsolete fragments, renaming functions and variables as well as adding comments where they are necessary. Moreover I have been researching MATLAB unit tests more in depth as well as possible ways of applying it to our situation. The problem with our scripts is that they take very specific inputs, patients brains scans and they cant be really randomly generated. Apart from this I have been working on editing our team video for the final submission.

6.3 Farbas Miah

What I have been primarily working on was the content of the website. I carried out a HCI analysis and produced the user needs requirements based on the user interviews with the persona created. I have also produced a detailed record of progress for our team based on our accomplishments in COMP204P. Another task I have worked on was evaluating all the prototypes that were produced and then obtaining conclusions based off our results and requirements. This allowed me to plan our final PoC.