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

Team 32

Daniel Blackwell   Farbas Miah   Jedzrej Stuczynski

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1 Overview of last two weeks

Over the last two weeks we first presented our final initial prototype to the clients who were pleased with the simplicity of it. The clients explained to us a new task that they want automated, regarding the sorting of a spreadsheet, which we will received the instructions for soon. We have also began coding the user interface with Django as a framework. A login feature and indigo theme consistent with the PLORAS website have been implemented.

2 Summary of meetings

2.1 Meeting 1: 19/01/16

For this meeting we looked at what we would present to the client the next day. Plans were also made on how we would go about presenting the elevator pitch assessment.

2.2 Meeting 2: 20/01/16

This meeting was held with the clients present. We presented our prototypes and final design which was positively received by the clients. More information was required regarding the PLORAS server side so we obtained contact details for another member of staff. The clients also presented to us a new task which they require automated, regarding the sorting of a spreadsheet.

2.3 Meeting 3: 26/01/16

For this meeting we aimed to produce our slides and script for the elevator pitch assessment. We also looked at the current state of our coded user interface.

3 Tasks completed

The last two weeks saw us working on two major tasks. One of which was the elevator pitch assessment where we produced slides and a script in preparation of of our presentation. It ended up going smoothly, thanks to our early preparations. Another task we worked on was the production of the user interface with the use of Django as a framework. The web app theme was set up with UCL Indigo, consistent with the PLORAS website. A working

login page has also been set up with accounts only able to be created by an administrator, as the clients required.

4   Problems that need to be resolved

An issue that we have is on how we will program the communication between the front end and the server. Neither the clients nor us know what is currently being used for communication for the PLORAS website. This shall be solved by contacted a member of staff who works on the PLORAS website for clarification.

5   Plan for next two weeks

Now that we have began coding, the next two weeks are relatively clear cut. We shall continue using Django to produce the user interface. After gaining clarification regarding the server side, the front end shall be able to communicate with a server to send and receive form data. We also expect to complete the automation task for the spreadsheet once we obtain instructions on filtering requirements.

6   Individual tasks completed

6.1   Daniel Blackwell

During this 2 week period, I first led a client meeting displaying our current progress on the project and finalising what we aimed to deliver by the end of this module. I also prepared the script for our 2 minute elevator pitch, helped produce and finalise the slides as well as delivering the presentation.

6.2   Jedrzej Stuczynski

During this period we have not done a lot of actual work in terms of coding besides of setting up the Django project with UCL Indigo for the base of our application. I have been helping in setting up goals we want to achieve before getting in touch with the IT person in the PLORAS team. We plan to, inter alia, learn how to display data in Django from a database with an ability to save them as PDF or to find out how to safely manage files sent by a user. I have also started researching libraries allowing us to call MATLAB functions from inside the web application.

6.3   Farbas Miah

Over the last two weeks, I have primarily been working on the user interface. After setting up the Django project, I first worked to insert the UCL Indigo theme and place a section in the PLORAS website for the web application. I then added a login feature which allowed access to the application by having pre registered accounts stored in the database. The database also contains encrypted passwords. Simple pages have also been set up for all pages of the application, including the scan uploading form which contains multiple compulsory and optional sections to fill in. I also worked to produce the slides for the elevator pitch.