

Atos Mentor Matching

Biweekly Report 3, 2nd of December 2016

Christopher Lau • Harry Chen • Matthew Bell

Overview

Over the last two weeks, the team focused mainly on completing most of the research required for the final structure of the system. The research included which technologies to be used for developing the final system (which backend/frontend framework and libraries) and completed the matching algorithm design with pseudocode. A wireframe prototype was also created based on the sketches that were produced during the earlier stages of development. We have also been constantly updating and adding content to the project website based on the research we have done.

Meetings To Date

Team Meeting 5, 24th of November 2016 — In this meeting we discussed the research we collected about backend frameworks, and after voting we decided use Django and PostgreSQL for our system.

Team Meeting 6, 1st of December 2016 — In this meeting Harry brought his first interface design and each team member gave feedback on it. Also, we discussed (and voted for) which frontend framework we're going to use for the prototype, deciding to use AngularJS plus Ionic.

Completed Tasks

Since the previous report these are the tasks that have been completed to date:

- Conduct tech stack research
- Create report on collaboration
- Create draft (pseudocode) matching algorithm
- Create first interface mockup
- Upload projects requirements and background on website

Chris' Progress

For the last two weeks, I have been in charge of mainly updating content to the project website and structuring it in a orderly, neat and readable format. Research on frontend technologies that could be used for the final system was also done. I have also created a general outline of what is to be included in our project website based on the sample websites provided.

Harry's Progress

In last two weeks I did a research for front-end framework we going to use for project, AngularJS and Ionic, which is used for building web app. Also I did a summary of collaboration, created first

version of projects prototype based on UI framework design.

Matt's Progress

I created the first version of the main matching system's user flow and algorithm, as well as explored possible tech stacks for us to use. I also spent a little time researching into how we could experiment, and how we can measure results.

Since the last report I have been focusing my efforts on researching the potential technologies for the project.

Through my research I have determined that some of the aforementioned technologies would bring a tangible benefit to the development of the application and the end product.

Plan For The Next Two Weeks

Over the next two weeks we will be focusing on the following activities:

- Get our clients reply and set up a meeting.
- Create personas, scenarios and use cases.
- Do evaluation and test for prototype.
- Set up project code structure.
- Finish all documentation required for website.
- Get feedback for website from our TA.

Keeping Up With The Project

To complement these biweekly reports, you can also view these pages:

Project site: <http://students.cs.ucl.ac.uk/2016/group19/>

Code repository: <https://github.com/mbellgb/syseng19-code>

Documentation: <https://github.com/mbellgb/syseng19-docs>