# Atos Mentor Matching
**Biweekly Report 5, 25th of January 2017**
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## Overview

Over the last two weeks, the team spent most of the team setting up the development environment. The team also successfully exported the ionic creator prototype into an ionic project. However, the design is still subject to change and the user interface would continued to be improved over the course of development. Also, an UML diagram illustrating the database model was also created which would act as a reference for implementation of the actual database model, along with the initial API endpoints being designed and documented using the online Swagger framework. Finally, there was a short 2 minute elevator pitch at the 20th of January where the team presented its progress on the project so far and the future plans of development along with project deliverables.

## Meetings To Date

- **Team Meeting 1 (2017/01/18)**: This was a short meeting to complete the slides for the 2 minute elevator pitch. We summarised our progress for term 1 and also completed an system architecture design which is included in our elevator pitch. We also established deliverables and goals for the end of term 2.

- **Team Meeting 2 (2017/01/25)**: For this meeting, Matt was working on completing the UML diagram for the database model while Harry and Chris focused on exporting the ionic creator prototype into a ionic project and hosting the project locally. We then set further milestones for the next two weeks which were mainly to start implementing some of the key features of the application.

## Completed Tasks

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

- Exported ionic creator prototype into a working ionic project. Every team member is able to host prototype locally.

- Completed UML diagram for database model which would act as a reference for the actual implementation.

## Chris' Progerss

For this week, I was in charge of summarising the challenges that the team has faced so far and how we hope to overcome them to include in our elevator pitch. I have also established some deliverables for the project. Also, I will continue to learn and carry out research on the Ionic framework so that I can help Harry for the front-end development.

## Harry's Progress

In last two weeks I took research of angularjs and Django, also took some research of database design. I exported our prototype design from ionic creator and imported it to ionic project then started coding on it. I am now working on solving routing problem, and connecting front end work with server side (data base).

## Matt's Progress

My tasks have been focussed on creating as much useful reference material as possible to ensure that server development is as painless as it can be. I took our entity-relation diagram and created a full class diagram, complete with relations, private/public attributes, and class methods. I have also begun using this class diagram to design API endpoints using Swagger, an online tool that allows developers to write API documentation and generate code stubs from it. This means that when development will be simpler when it comes to writing the backend itself.

## Plan For The Next Two Weeks

For the next two weeks, the team plans to start actual implementation of the features based on the key requirements of the application such as user authentication, and registration. We will also start implementing the database model and the API for the backend.

### 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