

Bi-weekly Team Report 8 - 4th March 2016

IBM1 - TEAM 10

- Jasmine Lu | Team Leader
- Ivan Jasjko
- Darian Sastre-Stanescu

Our Client

- Mr. Tahir Khan
- Mrs. Sarah Frodsham
- Mr. Chris D'Arcy

Past meetings

- Tuesday 13th October 09:00 - 09:30 (conference call)
- Friday 23rd October 15.15-16.00 (meeting at UCL)
- Friday 27th November 14.00-15.00 (meeting at UCL)
- Tuesday 26th January 2016 14.00-14.15 (conference call)

Project Progress

Mobile application (iOS)

Back end database where user details are stored has been set up in MySQL for testing purposes. The login system still requires work, so that the customer can log in with their phone number and password. Once that has been done, the fingerprint login will be added for compatible devices. PostgreSQL was not used due to the incompatibility with iOS.

Web App

The project is set up. Frontend functionality completed, some HTML templates added, but not fully finished. HTML templates and CSS formatting are still a subject to change. Mysql database has been implemented for testing purposes. Database is not linked to iOS application. Login system functionality incomplete and is currently the top priority. More will be conducted in order integrate the Web App and predictive engine. Once the login system functionality will be complete, project will be exported to GitHub for further development.

We are now trying to migrate the app to Bluemix and connect it to our MySQL database and any other necessary services.

Prediction Engine

The algorithm is still in the proofing phase. We are trying to tweak the parameters to see how they might influence the output and how accuracy can be increased. After this is finished, we will see how to connect the web service to the rest of the system and how to manage the two databases, or whether to keep just one.

Next steps

We have been looking into integrating all the individual parts and uploading them onto the IBM Bluemix platform. Currently, we are using trial accounts in order to try out how it works and hopefully, we will be able to get student packages through UCL where we will be able to get full access to the platform.

Through Bluemix, we will be using one of the database services that is offered, which will then make it easier to integrate the user database between the iOS and web app.