Bi-weekly Team Report 2 - 30th October 2015

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)

Project Progress

At the second meeting, we presented our take on the project scope and the ideas that we had for the project. Having answered all our questions about the project, the client made the scope a lot clearer and now that we have a better idea of what the project is about, we can move on from the high level requirements stage and start thinking about the specifics of the project.

We have chosen to focus on two key areas, Machine Learning and Security. Machine Learning will involve learning algorithms that learn over time the login patterns of the user based on location and time, which then, will predict to a certain accuracy that the legitimate user is attempting to login.

For the Security aspect of the project, we are thinking about researching existing methods of end-to-end data encryption so that no third party users will be able to intercept the connection between the user and the bank. Apart from that, we will also focus on creating our own location based security system, for example, if a transaction or the online bank authentication takes place in a different location to where the user's mobile phone is located, the access will be temporally locked and the user will be notified about a connection from a different location via his mobile phone.

We will carry out research on these two topics, which will help us in refining the requirements and project deliverables. Once we have completed the research phase and are confident about the requirements, we will assign roles based on our skills and previous experiences to make sure that we can execute the rest of the project to a high standard. Following this, we will arrange another meeting with the client so that we can discuss and refine the requirements further.

A website will be set up by the end of this week, so that we can document all our progress for the project.

Project Plan - Term 1 (Systems Engineering 1)

Week (Date)	Phase	Tasks	Complete?
1 - 5 October	High-level requirements	Meet client and gather initial requirements	✓
2-4 - 12 October	Define Project plan depending on the decided requirements	Build client relationship, continue working on requirements and research; Upload documentation website and blog	In Progress
12 - 19 October	UI + UX	Meet the client and propose a design together with further details about implementations and functionality	To be decided

Next meeting

- To be confirmed - week commencing 16th November

Before next meeting

- Weekly plan for the course of the whole project
- Research areas that we have chosen to focus one
- Assign more specific roles for the project
- Have a website template set up for documenting our progress
- Further scoping on the two areas that we have chosen
- MoSCoW list of requirements