
Bi-Weekly Report 2

Atos Blockchain Team 3

George Pîrlea, Alexis Enston, Danish Alvi

October 13, 2016 – October 28, 2016

1 Overview

Over the past two weeks, we have met with our client and decided upon the general idea of our project. We will be developing a system which keeps a decentralised record of real life identities and academic certificates, and references from employers, essentially allowing people to create a verified curriculum vitae. These items would be verified on a blockchain to provide a record of them. Following on from this we have researched the area, looking at similar solutions, and blockchain technologies which can help us. We have also started work on the website.

2 Meetings

Oct 13: Client meeting with Paul Moore

Attendees: George Pîrlea, Danish Alvi, Alexis Enston, Paul Moore

- Discuss possible ideas, finalised on blockchain-based career history
- In Germany, employers are mandated by law to give references; research further
- Tips for passing the selection stage: feasible business model, be technically interesting
- Deadline for entering the competition: November 30th
- To do:
 - Think about business model: research LinkedIn, Glassdoor; Paul can offer advice
 - Meet again in 2-3 weeks to discuss requirements

Oct 24: Meeting with Dr. Serguieva

Attendees: George Pîrlea, Danish Alvi, Alexis Enston, Antoaneta Serguieva

- Explained our project idea of blockchain-based career history to Dr. Serguieva

- To do:
 - Clarify with Paul whether our idea fits the competition brief of being 'disruptive'
 - Write report containing: description of idea, project aims, 3 deliverables
 - Meet again November 14th, 12:00 (possibly joint meeting with Paul)

Oct 24: Blockchain teams technology meet-up

Attendees: George Pîrlea, Alexis Enston, members from other Atos Blockchain teams

- Read documentation on Ethereum smart contracts and Solidity
- Experimented: set up a private Ethereum blockchain, created accounts, mined blocks and sent transactions
- May set up another meeting in the future

3 Completed tasks

- Met with client and confirmed project idea
- Met with supervisor and discussed project
- Set up tooling for development

4 Plan for the next two weeks

- Continue conducting research and collate a research document
- Setup the website and start adding content
- Create a draft requirements specification
- Meet with client and confirm requirements
- Further explore technologies related to Ethereum

5 Individual Reflection

George: Apart from the usual administrative tasks, I've been working on the analysis of literature report, although that is progressing less quickly than I originally thought it would, mostly because of other coursework. Other than that, I have been experimenting with Ethereum and learning how to write Solidity smart contracts.

Alexis: For the past two weeks I have conducted research on the general area of our project, and in particular on the German recommendation letter system and other services that provide similar services including the well known professional networking site LinkedIn. I have also set up shared git repositories which will be used to store our code and documentation, and started exploring Ethereum and how smart contracts work.

Danish: Over the past two weeks, I have been consulting project management material to learn how to manage the documentation of a project, and then devised a structure and skeleton to the prospective website to be made, so that we can make a professional website thoroughly outlining the entire projects in an objective summary. I also started working on the graphic Design and animation to give an attention-seeking and eye catching impression to the website. I also began working on the HTML and CSS design theme and structure, but at the moment I was trying to make some animations. I also visited websites of many projects to see how others present their ideas so that I can learn the positive points from them and apply them in our teams project as well.