
Term 2: Bi-Weekly Report 3

Atos Blockchain Team 3

George Pîrlea, Alexis Enston, Danish Alvi

February 11, 2017 – February 27, 2017

1 Overview

The last two weeks covered Reading Week and Scenario Week, so we had little time to work on the implementation. However, we have discussed the paper we are going to submit and have started working on the slides.

2 Meetings

Feb 27: Planning meeting

Attendees: George Pîrlea, Danish Alvi, Alexis Enston

- Reviewed our crypto code to check for SHA-1 usage
- Allocated tasks:
 - **George:** secure key storage, draft paper
 - **Alexis:** integrate API with UI
 - **Danish:** create CV from references
- **TODO:** Work on slides during lab meeting tomorrow

3 Completed tasks

- Discussed paper structure and content
- Sent video to client

4 Plan for the next two weeks

- Finish writing slides
- Implement secure storage for keypairs

- Finish integrating API with UI
- Create CV from references
- Write first draft for paper

5 Individual Reflection

George: Over the past two weeks, I've researched how to implement secure key storage in a web browser. We need this for storing encrypted content (e.g. text for references and CVs) on IPFS. We haven't had much time to work on the project these past two weeks, but I hope we can finish most of the work in this following sprint.

Alexis: Over the past two weeks we have not had much time to work on the project due to scenario week. I helped review our code for use of the SHA-1 hashing algorithm, which has recently had a collision published and hence is no longer recommended to use. I also researched different hashing algorithms, to make sure we are not using any with security issues.

Danish: Over the course of the past two weeks, I have been working on creating the unit tests in Mocha. I have also made a brief outline of how to carry out the part of the application which will be responsible to output the CV based on the references in a presentable format.