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# Term 2: Bi-Weekly Report 5

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Atos Blockchain Team 3

George Pîrlea, Alexis Enston, Danish Alvi

*March 11, 2017 – March 24, 2017*

## 1 Overview

Over the last two weeks, we have finished the API and UI integration. At this point, all crucial functionality exists and works and we consider the **project is complete**. During the break, we will work on the documentation and other deliverables (website, video, poster).

## 2 Meetings

### Mar 14: Lab meeting

Attendees: George Pîrlea, Danish Alvi, Alexis Enston

- Discussed progress

### Mar 20: Verify work

Attendees: George Pîrlea, Danish Alvi, Alexis Enston

- Merged work
- Discussed what we've achieved:
  - **George:** identity creation UI, encryption API, floating records
  - **Alexis:** CV API, populate list of references and memberships, link identities with owners
  - **Danish:** nothing

### Mar 21: Lab meeting

Attendees: George Pîrlea, Danish Alvi, Alexis Enston

- Create private blockchain
- George & Alexis implemented basic records UI
- Alexis started work on CV UI

## Mar 24: Development meeting

Attendees: George Pirlea, Alexis Enston

- Finished implementing:
  - **George:** requests UI, fulfill request form, address icons, minor UI fixes
  - **Alexis:** CV UI, records UI, link addresses with names in UI (contact list)
- Merged work — we've now fulfilled all requirements apart from *would have*

## 3 Completed tasks

- Finished implementation: see meeting minutes for details

## 4 Plan for the next two weeks

- Tests: waiting for Danish
- Design poster
- Finish website
- Create video
- Prepare presentation

## 5 Individual Reflection

**George:** I've done work on the API, adding encrypted references and functions for floating records. I've also implemented the UI for creating identities. Since Danish made no progress on the features he was supposed to finish (UI for requesting, providing and creating records), me and Alexis had to implement those as well, on top of our assigned tasks. I've created the UI for listing and fulfilling requests (including the address icons) and fixed some minor issues with the UI for requesting records.

**Alexis:** Over the past two weeks I finished the API and then focused on the UI, implementing the creation and viewing of CVs and registered identities, and contributed to other fixes. I agreed to swap tasks with Danish on March 7th since he preferred to work on the UI, however I ended up having to work on both sets of tasks since Danish made no progress. I also modified the main contract to support identities, to allow for an easy way to correlate Ethereum accounts with actual names, and added a contact list to the UI. Recently the Ethereum test-net has been subject to a large number of forks and thus is not usable for testing, so I setup a private blockchain for us to carry out development on.

**Danish:** I have been working on further tests due to the numerous transformations made to the smart contracts. Because the task of development of the API was not allocated to me and there was no documentation created to outline even the basic API calls, it unfortunately took me (reasonable) time to learn the UI-API interfacing process. Moreover, the team decided to stop using a common Vagrant machine despite the associated advantages of having a common portable development platform, I am in the process of debugging the issues I am having with the Embark project which the team happens to have running on their (different) platforms. I have made significant progress in learning about making tests and UI-API interfacing and will be deploying my progress them by the end of the week.