

ATOS BLOCKCHAIN

Bi-Weekly Report: Issue 5 – 16/12/2016

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MEETINGS HELD. PROJECT COMMUNICATION

- 09 / 12 / 2016
 - Team meeting. Discussions about the status of the project and future steps to be taken.
- 11 / 12 / 2016
 - Team meeting. Reconstruction and update of website to conform to the UCL requirements.

Besides the previously mentioned meetings, several discussions between the team members have been conducted using Facebook Messenger.

RESEARCH CONDUCTED

We continued our research from the previous 2 weeks, which were the technical and financial issues. We have made more research on blockchain tools and have made a basic outline of the financial plan to take place. These ideas will be further expanded and put into use during the development stage. Overall we are confident that the research we have done so far will prove fruitful and sufficient for us to start building our project in Term 2.

PROGRESS MADE

Apart from further research, the main progress made during the past two weeks was the finalization of the website. We have updated the website with all the necessary content stated in the description, improved it and expanded in certain areas such as technical details or testing.

Furthermore we were excited to find out that our team has been short-listed in the ATOS Blockchain competition, and is now in the top 17 teams which will compete in the next stage. We have received congratulations from our client and will continue to work with him in order to hopefully get selected for the final three competitors.

Additionally we have created a few templates showing a very basic preview of how the platform will look like, which were uploaded on our website.

The team has discussed the state of the project as well and what the next steps will be. We have divided workload and research to be carried out during the Christmas break which will prepare us for implementation in Term 2.

As mentioned in the previous report, the roles for each team member will be:

- Andreas Zinonos: Back-end development and research
- Gabriel Vanca: Financial research and business model design
- Charles Albert Desbaux: Front end development and design

PROBLEMS ENCOUNTERED

Although we have a basic outline of the financial plan to get to a good stage, we don't have enough details to carry out a completed system. Further research will be conducted and the plan will be finalized during the Christmas break.

Furthermore although we have a good grasp of Solidity and blockchain tools, more research will prove beneficial in going through with the whole project. This will take place both during the Christmas break but also during the development phase, where any gaps in knowledge will show.

STATE OF THE PROJECT

Our project idea has seemed to be a successful one, as it was not only praised by our client but also short-listed for the ATOS Blockchain competition. Our team has produced extensive documentation explaining the idea and future potential of the project as well as a detailed website and basic front-end prototypes. The requirements and goals for this project have been decided and are on the website.

We have performed substantial research which has prepared us for the implementation stage, and we will continue doing it throughout the break as well as during development in order to ensure that our project will be as close to our goals as possible. Furthermore we have carried out multiple tests which helped us understand how the tools required for the project work.

Overall, we are confident that the work we have done so far is sufficient for us to start working on the project in Term 2 and produce at least the 'must have' requirements.

FUTURE PLAN

- Continue testing the Ethereum platform, Solidity, TestRPC and Truffle
- Continue financial research
- Prepare for the next phase of the ATOS Blockchain competition as well as research the competitors.
- Start implementing the project.
- Discover any lacks of knowledge during production and ensure that they will be covered.

PERSONAL EFFORTS MADE BY TEAM MEMBERS

Gabriel:

Just like my other team mates, I have spent the last 2 weeks working in finalizing the website for the submission. I have reported the tests conducted by me and compiled the description, vision and business plan for the website, as well as some technical details, especially on the financial part. I have also conducted research on the financial issues involved and finished most of the tasks mentioned in the previous report (regarding finance). Now that the fundamental research has been completed, my teammates and I feel confident to start working on the app. I will be doing further research during the break to finalize our financial plan such that the team will know how to exactly develop the project around it. The news that our app qualified to the next stage of the Amos IT Challenge is boosting our confidence as well.

Andreas:

For the past two weeks, I have continued my research with Truffle, TestRPC and Solidity. My main focus was on finalizing the website with my two teammates. I had to make sure that the website was up to the standards of the specification, so after reading the specification I was in continuous communication with them, especially Charles who was the head of the website design. I have also contributed in its finalization by transferring all the tests that the three of us had made in a table on the website. Finally I have discussed the status of our project with my teammates and divided the workload and research that each one of us has to carry over the Christmas break.

Charles:

During the past two weeks I have further created and deployed contracts in my Ethereum wallets and observed the similar grounds this process has with the systems we will use, such as TestRPC and Truffle. I also pushed towards the distribution of roles and proposed to take care of the user interface as I have much experience in this field and I feel it's important to take advantage of everyone's area of expertise. Finally I have worked on the structure of the website, rewriting it following the advice Dr. Yun Fu gave us. For example I changed the about section into an introduction section and created a Gantt chart.