

16th July 2022

Tian Sion Hui  
Sionggo Japit

FYP-22-S3-11 Identifying cryptographic functions in Blockchain systems

## Overview

Completed team profiling.  
Completed and deployed the project website.  
Need to finalize on our literature review.

## Work completed

Team profiles:

Getting each team member's availability, strength, and weaknesses

Project Website:

Using GitHub as our team's source control and project website

Link: <https://fyp-22-s3-11.github.io/>

### *List of Completed Work Items/Activities:*

Sno	Work Item	When completed	Comment
1	Setting up project's website	11 <sup>th</sup> July 2022	<a href="https://fyp-22-s3-11.github.io/">https://fyp-22-s3-11.github.io/</a>
2	Team profiles	13th July 2022	<p>Most of team members are not familiarise with cryptography.</p> <p>Team members can code in Python</p> <p>Daryl Avail: Sch on Tues and Sat, generally free at night (mon,thurs,fri,sat,sun) - Strengths 1. some knowledge about blockchain 2. presentation 3. report writing - Weakness 1. Not very strong in the coding side</p> <p>Min Zhan Avail: Sch on Mon, Tues, Fri and Sat (mostly morning), generally free</p>

			<p>from evening till late night (everyday)</p> <p>- Strengths</p> <ol style="list-style-type: none"><li>1. Knows fair share on cryptography</li><li>2. Report writing</li><li>3. Programming</li><li>4. Software Eng. exp</li></ol> <p>- Weakness</p> <ol style="list-style-type: none"><li>1. Not sure about blockchain that much</li></ol> <p>Terence</p> <p>Avail: School on Thurs and Sat, generally free from afternoon to night (every other day)</p> <p>- Strengths</p> <ol style="list-style-type: none"><li>1. Front end</li><li>2. Design</li><li>3. able to learn on the go</li><li>4. report writing</li></ol> <p>-Weaknesses</p> <ol style="list-style-type: none"><li>1. Back end</li></ol> <p>Wei Chern Low</p> <p>Avail: Taking 361 &amp; 368 this sem. My schedule is all over the place but usually Monday and Friday</p> <p>MOB MANNING period (1 day activation): 27/09/2022 - 08/10/2022</p> <p>Strengths</p> <ul style="list-style-type: none"><li>- Presentation</li><li>- Not very good in Coding but I did a Java prototype for 214 (because my teammate screwed up)</li><li>- In charge of the Java Prototype in 314 (Finished the program but focused too much on making it work, then didn't do encapsulation properly)</li></ul>
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			<ul style="list-style-type: none"><li>- Took the Python Elective</li><li>- Report</li></ul> <p>Weakness</p> <ul style="list-style-type: none"><li>- Only taking 361 this semester</li><li>- Took this FYP Topic because I hate scammers on the blockchain</li><li>- Failed 251 before</li></ul> <p>Mervyn Goh</p> <p>Avail: Taking CSCI316, generally free everyday but prefer to work on weekdays.</p> <p>- Strengths</p> <ol style="list-style-type: none"><li>1) I have full stack exp so either front/back is fine</li><li>2) I was a junior developer at Cardano(ADA) so blockchain isn't an issue</li><li>3) Prefer to code</li><li>4) Familiar with Cryptography</li></ol> <p>- Weakness</p> <ol style="list-style-type: none"><li>1) Bad at writing reports</li></ol>
3	Gantt Chart	16th July 2022	Gantt Chart is listed inside project's website

## Current Work

### *List of Current Work Items/Activities:*

Sno	Work Item	% Completed	Expected Completion Date
1	Literature Review	40%	23rd July 2022
2	Weekly Documentation	50%	Latest 6th August 2022

## Future Work

Come up with technical implementation of the project based on a summarized literature review.

Map out project's requirements from the Expected Project Benefits

Prepare Requirement specification-report

Prepare Technical Manual and user Manual.

Weekly update of project's documentation and gantt chart will be updated on project's documentation website

## Problems Encountered

Progress is slow for this week.

## Overall Assessment

Project is advancing at a slow but steady pace

Prepared by: Min Zhan Foo, Wei Chern Low / FYP-22-S3-11