

Sprint Plan 1
Ethereum Energy Microtransactions
2x2
Oct. 22 2017
Revision number: #1
Revision Date: N/A

Goal -

The goals of Sprint 1 are to familiarize with the core concepts of Ethereum, cryptocurrencies in general, and blockchaining. In addition, we want to research on which framework would best suit our needs and begin to learn how to implement basic functionalities like buy, sell, trade, etc.

Task Listing -

User story 1 (As a developer, I want to learn about blockchaining, ethereum, and cryptocurrencies)

1. Learning what cryptocurrency is (2)
2. Learning what blockchaining is (2)
3. Learning what ethereum is and how it works with blockchaining (3)

User story 2 - (As a developer, I want to understand how SEADS is implemented in raspberry pi)

1. Learning how the existing project worked with raspberry pi (none - check Sprint 1 Report)

User story 3 - (modified in place of User story 2 - As a developer, I want to learn about which framework would work best with smart contract implementations)

1. Testing and learning which frameworks like truffle, mist, geth, eth, etc would work best with our situation. (13)

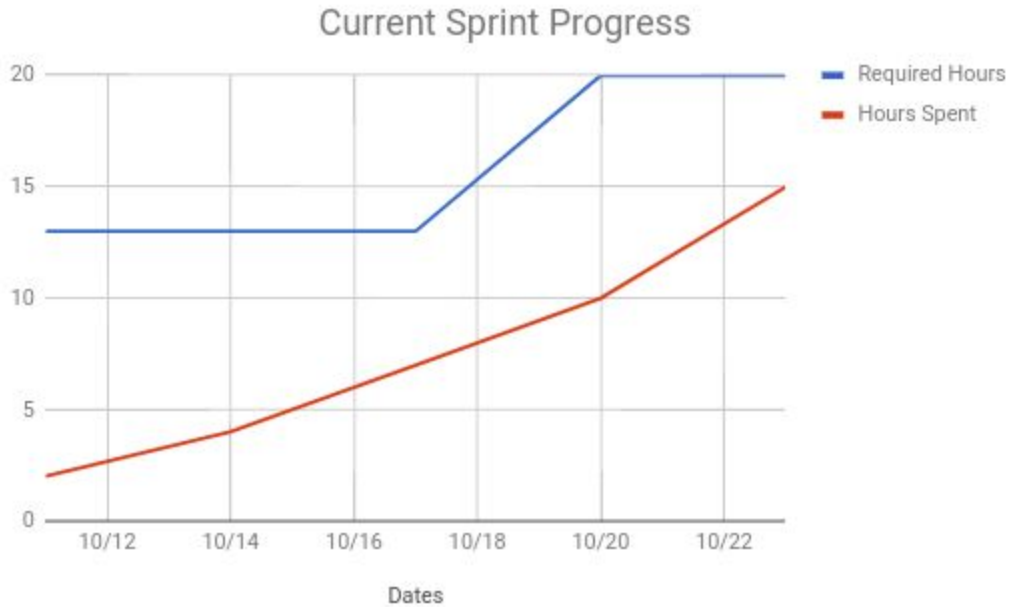
Team roles -

1. David Liang - role 1
2. Kevin Serrano - role 1
3. Nicholas Cheung - role 1
4. Zachery Olson - role 1

Initial task assignment - (for Sprint 1 - we all have the same task and user story - check Sprint Report)

1. David Liang - Learn about the core concepts of bitcoins - ethereum and how it interacts through block chaining.
2. Kevin Serrano -
3. Nicholas Cheung -
4. Zachery -

Initial burnup chart -



Initial scrum board -

SEAD BOARD:

DO NOT ERASE

Sprint 1: Familiarise ourselves w/ software & hardware.

User Story	NOT DONE	IN-PROG	STALL	DONE
As Developer I want to learn about Blockchain & Ethereum	<ul style="list-style-type: none"> Look at Python Lib Look into Frameworks - REST - Truffle - Decentralised applications (dApps) 			
As a developer I want to learn how SEAD v implemented into Raspberry Pi.	<ul style="list-style-type: none"> Light green new website - Add API, the data is very interesting - Test framework setup - API API 			

Scrum times -

1. Monday - 9:30am - 9:45am (Meet up with TA, Madhura Abhyanker)
2. Wednesday - 4:30pm - 4:45pm (Meet up with Professor Ali)
3. Sunday - 11am - 11:15am