# Sprint 4 Report Ethereum Microtransactions

2x2

## 11/19/2017 Revision Number 0

Revision Date: 11/19/17 (if there is one)

## 1. Goal

- a. Understand the concept behind the existing SEADS's code and how it interacts with raspberry pi 0.
- b. Be able to set up the APIs used in the skeleton project onto SEADS.
- c. Essentially, be able to monitor energy portfolio and predict energy usages in the near future.

#### 2. Task Listing

- a. User Story #1 As a developer, I want to amend the existing the project to be able to monitor and interact with token currency (energy source) through the effect of ethereum blockchain.
- b. User Story #2 As a user, I want a simple-to-use interface to monitor and manage my energy portfolio.
- c. User Story #3 As a developer, I want to provide accurate timestamps for energy microtransactions
- d. User Story #4 (backlog) As a user, I want to be able to set a time period to sell back energy.

#### 3. Team Roles

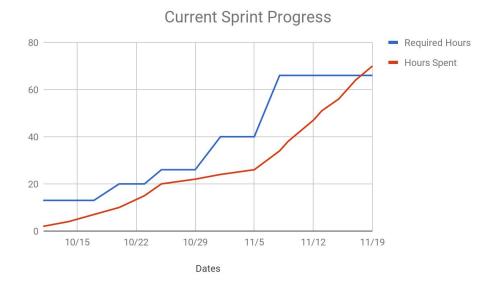
- a. Role 1 Everyone is working on this together as this is the final stage
  - i. Tentative as there could be some minor problems later on

## 4. Initial Task Assignment

- a. David Liang project owner, developer
- b. Zachary Olson developer
- c. Kevin Serrano Scrum Master, developer
- d. Nicholas Cheung developer

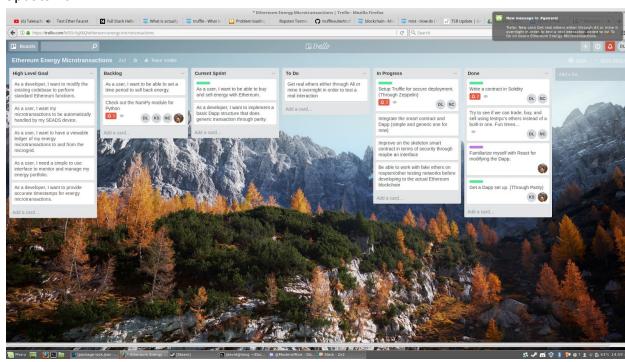
## 5. Initial Burnup Chart - (from Sprint Plan/Report 3)

## a. Update #0



# 6. Initial Scrum Board - (from Sprint Plan 3)

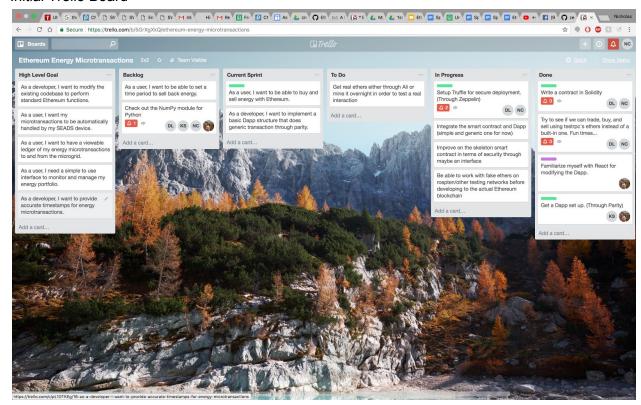
a. Update #0



## 7. Scrum Meetings

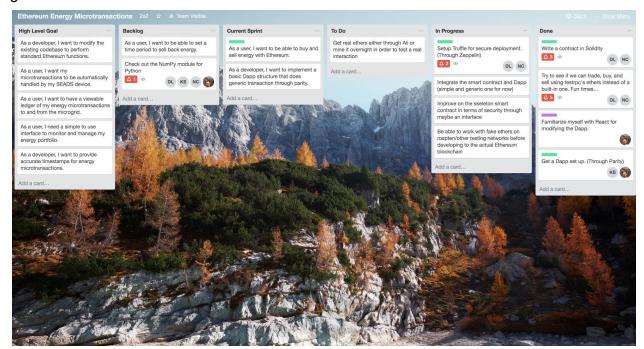
- a. Wednesday 9:15am 9:30am
- b. Wednesday 4:30pm 4:45pm
- c. Thursday 12pm 12:15pm
- d. Sunday 11am 11:15am

#### Initial Trello Board



## 2nd







## **Current Board**

