

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

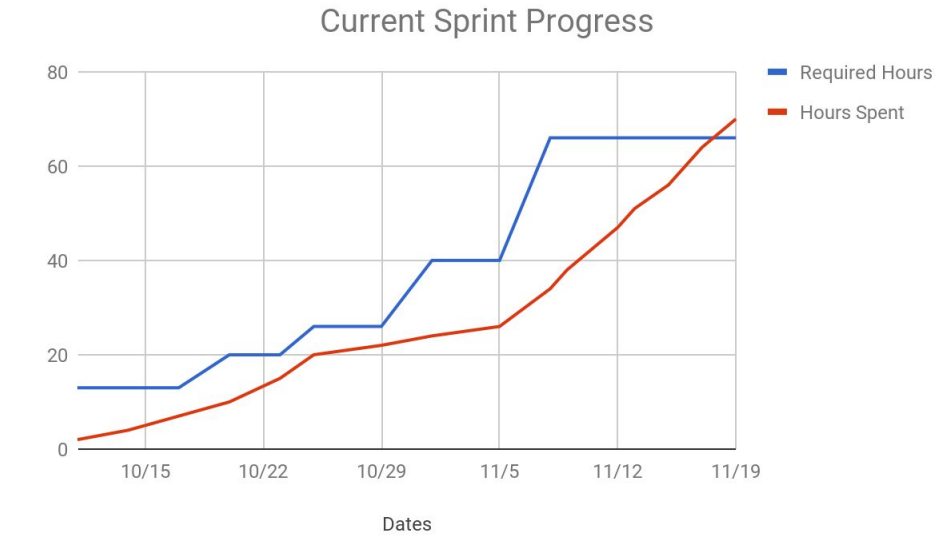
- a. Role 1 - Everyone is working on this together as this is the final stage
 - i. Tentative as there could be some minor problems later on

4. Initial Task Assignment

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

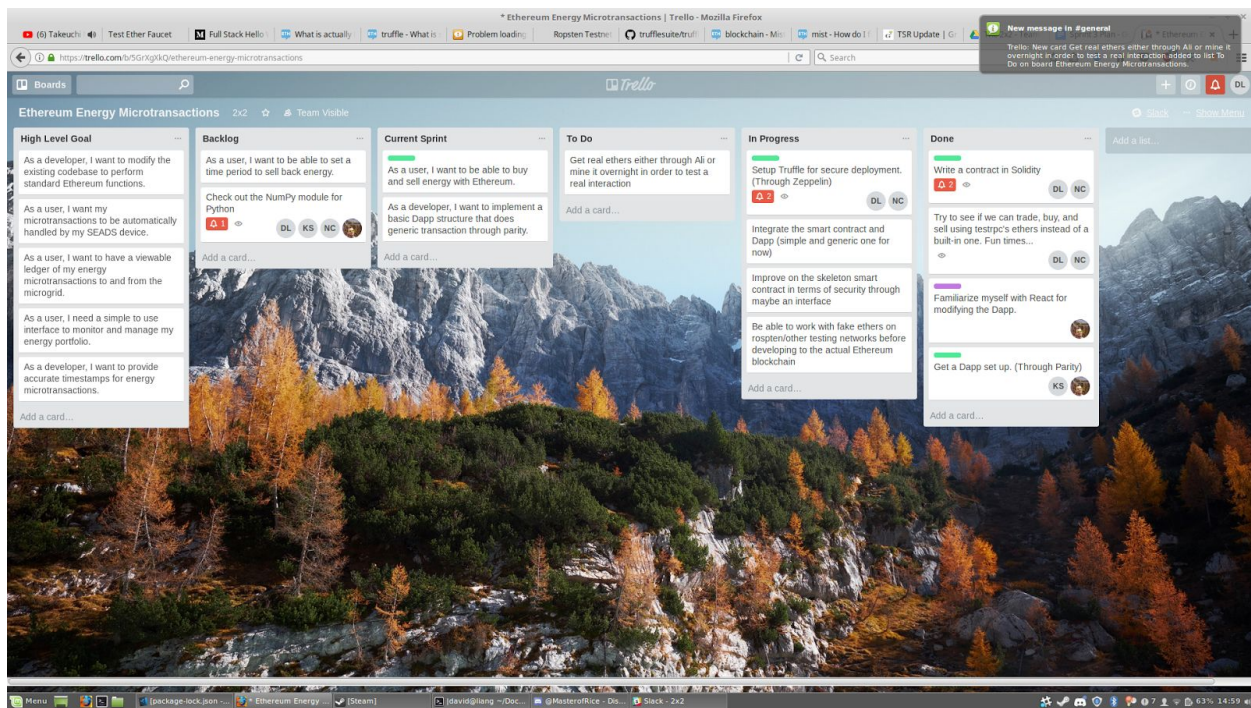
5. Initial Burnup Chart - (from Sprint Plan/Report 3)

a. Update #0



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

a. Update #0



7. Scrum Meetings

- Wednesday - 9:15am - 9:30am
- Wednesday - 4:30pm - 4:45pm
- Thursday - 12pm - 12:15pm
- Sunday - 11am - 11:15am