

Scrum 1 Report

Product name: SEADS Microgrid

Team name: Backend/DB

Sprint Completion Date: October 28, 2014

Revision Number: 0

Revision Date: Wednesday October 28, 2014

Actions to stop doing:

- Trusting that Ali will follow through without constant badgering.
 - This caused several unproductive days.
- CrowdGrader

Actions to start doing:

- Having group work sessions. The short amounts of time that we worked together were very productive and allowed information to quickly flow.
- Use a school sponsored physical location to work and keep our Scrum board.

Actions to keep doing:

- Continue with frequent meetings
- Tracking progress with digital scrum board on wiki
- Utilizing version control

Work completed/not completed:

Unfinished user stories:

- As a GUI developer, I want to be able to query the database for signals within a certain time frame

Completed tasks:

- Setup Server (2 hours)
- Accept and handle HTTP connections (2 hours)
- Accept and handle socket connections (not fully tested) (1 hours)
- Determining schema (3 hours)
- Determining how to bulk insert data using Go and Postgres. (4 hours)
- Write puppet module for Postgres (2 hours)
- Write puppet module for Go and appropriate modules (3 hours)

Not completed tasks:

- Installing Postgres and Go
- Importing testing data
- Decoding packets from sensors
- Writing URL parsing for RESTful API
- Implementing API database query logic
- Implementing API result formatting
- Writing code to insert sensor data into database

Work completion rate:

Total number of user stories completed: 0

Total number of tasks completed: 8

Total number of estimated ideal work hours: 17

Total number of days: 14

User stories / Day: 0

Ideal work hours / Day: 1.21

