

Sprint 1 Plan

Product name: SEADS Microgrid

Team name: Backend/DB

Sprint Completion Date: October 28, 2014

Revision Number: 0

Revision Date: Wednesday October 21, 2014

High Level Goal

Database software selection and schema migration, replicate existing MySQL functionality.

Sprint 1 Goals

1. Reimpliment schema in new database.
2. Reimpliment data endpoint in a concurrent machine code for the new database.
3. Create basic API for the GUI developers.

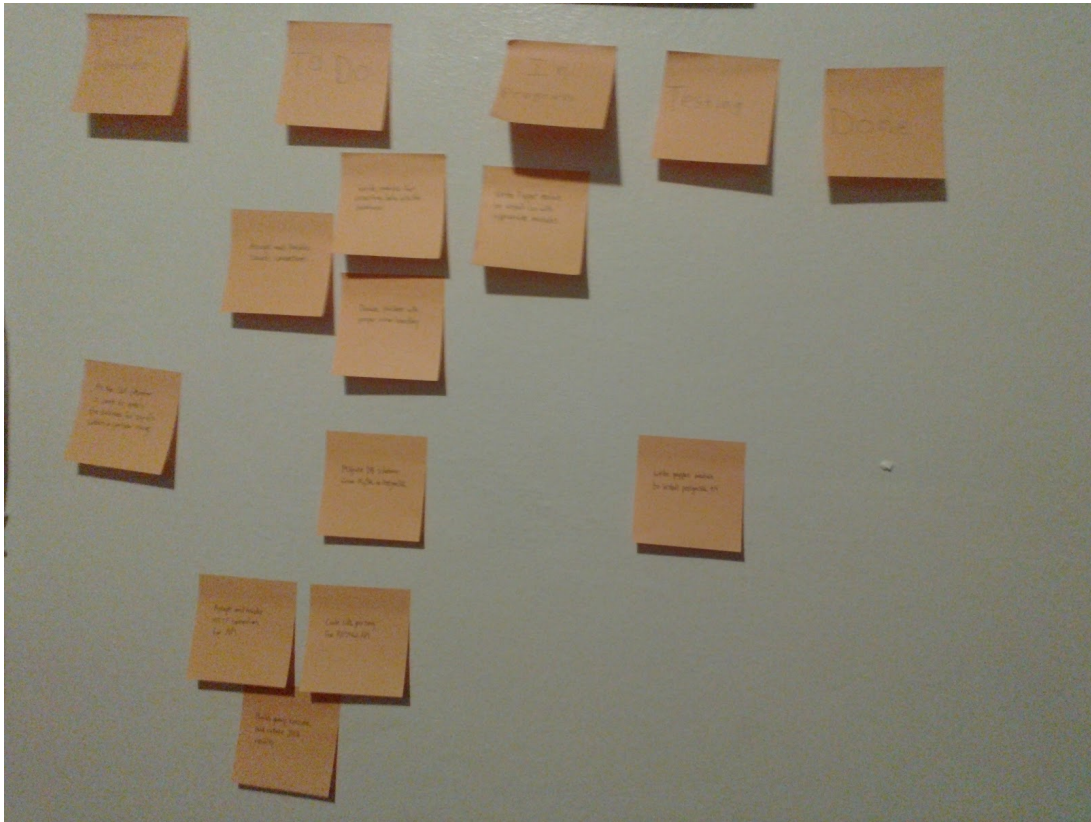
User Story

As a GUI developer, I want to query the database for signals within a certain range.

Tasks for Sprint 1 (highest priority first):

| Task | Assigned To | Story Points |
|--|-------------|--------------|
| Write puppet module for postgres | Raymond | 2 |
| Write puppet module for go and appropriate modules | Raymond | 2 |
| Migrate schema from MySQL to Postgres | Ian | 3 |
| Accept and handle HTTP connections | Ian | 2 |
| Code URL parsing for RESTful API | Raymond | 2 |
| Build query, execute and return JSON results | Ian | 3 |
| Accept and handle socket connections | Raymond | 1 |
| Decode packets with proper error handling | Raymond | 3 |
| Write queries for inserting data to the DB | Ian | 3 |

SCRUM Chart



Burnup Chart

