

## **Sprint 1 Plan - BMI Dashboard - Team Dash - October 14 - Revision 0 - October 10**

### **Goal:**

Our goal is to have all of the data parsed and stored into a database. After retrieving data from the Building Management System, we need to convert data into a readable format. We want to store the data into a database. Lastly, we want to retrieve the data from the database and display.

### **Task listing, organize by user story:**

- **Setup Github:** As a developer, I need to setup github repo so that we can efficiently progress.
  - We set up the Github repository such that each developer has their own branch and can successfully push, pull, and commit to the repository from their local machine.
- **Parsing Data:** As a developer, I need to convert the data to JSON or CSV or TSV so that I can use visualization tools to showcase values.
  - Figure out what the data represents
  - Learn Python I/O (read and write to file)
- **Storing into our local database:** As a developer, I need to have a database system so I can store data as efficiently as possible.
  - We need to determine which database is the most efficient way to handle the data.
  - Once we decide, we need to figure out what parsed data we will be using and begin constructing the database model to hold the data.
- **Establish project functionality:** As a developer, I need to display data in a simple manner to the visitor.
  - We will connect the parsed data to our database to create a working database that includes real and relevant data.

### Team Roles:

Allen Liou: Product owner, Developer , Research into Database options

Justin Barros: Scrum master, Developer, Parsing utility logs

Octavio Rodriguez: Developer, Research into Database options

Oscar Pinedo: Developer, Research into Database options

Sterling Salvaterra: Scrum master, Developer, Parsing utility logs

Karthik Thota: Developer, Parsing utility logs

### Initial Task Assignment:

Allen Liou: Storing into our local database, Setup Github

Justin Barros: Parsing Data, Setup Github

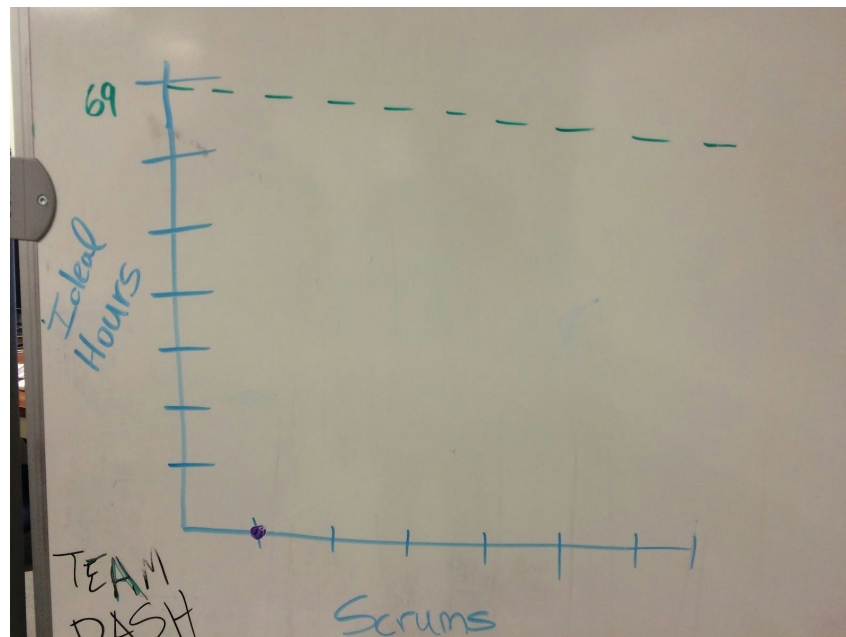
Octavio Rodriguez: Storing into our local database, Setup Github

Oscar Pinedo: Storing into our local database, Setup Github

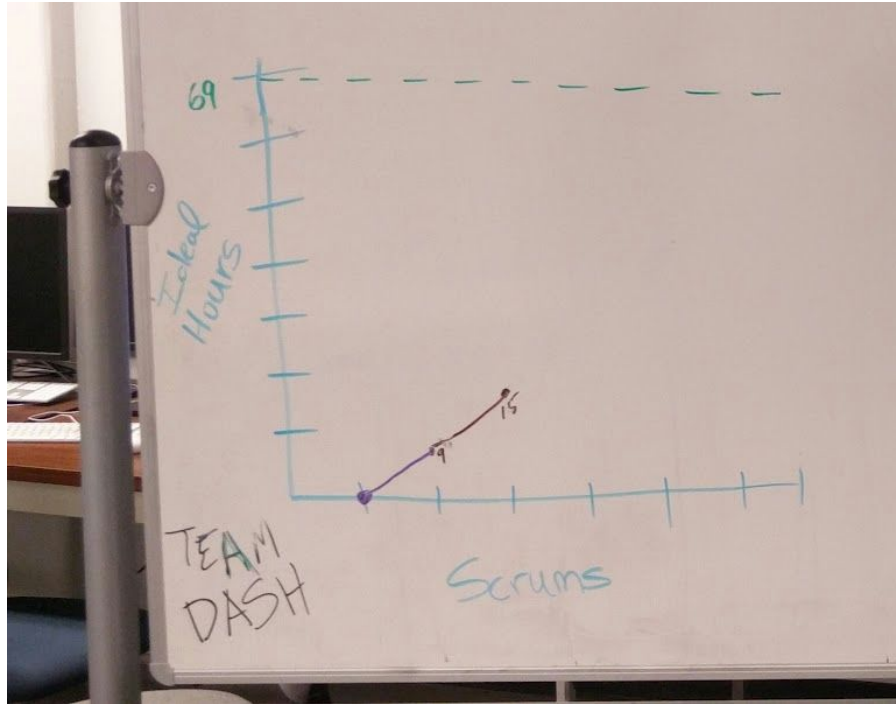
Sterling Salvaterra: Parsing Data, Setup Github

Karthik Thota: Parsing Data, Setup Github

### Initial Burn Up Charts:

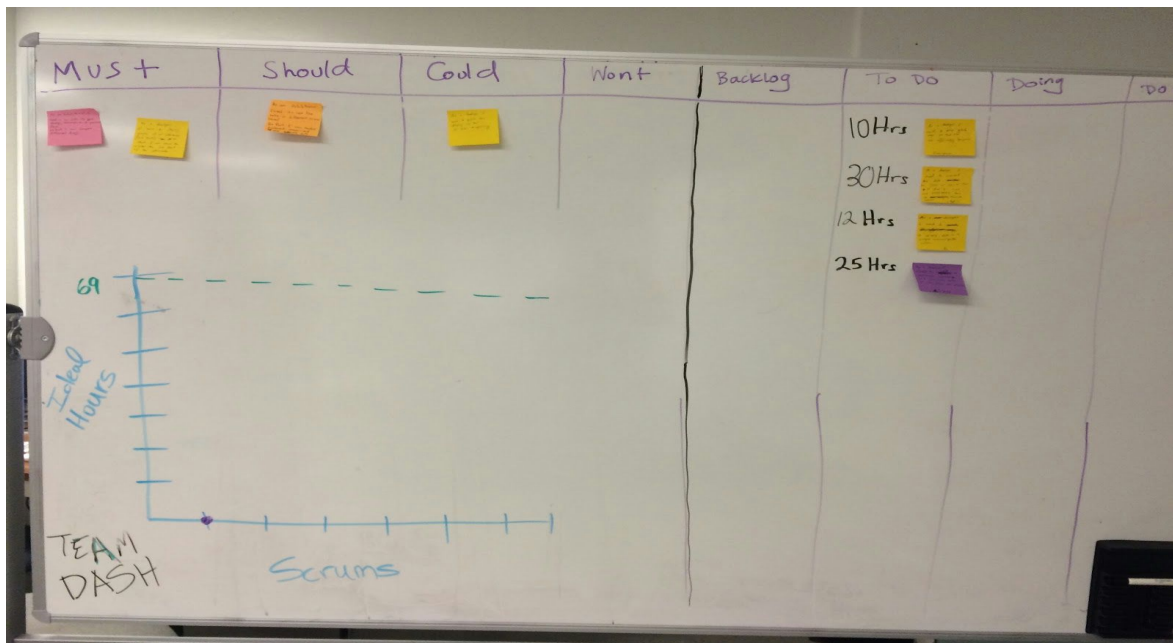


**(BEFORE SPRINT STARTED)**

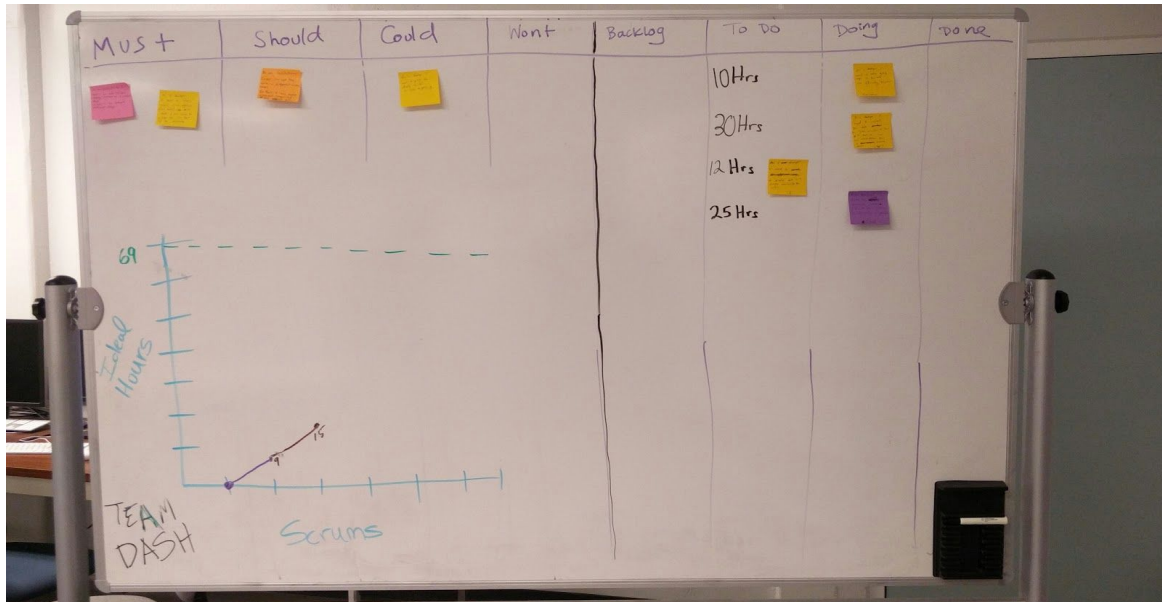


(UPDATED - AFTER SPRINT STARTED - No changes in between)

Initial Scrum Board:



(BEFORE SPRINT STARTED)



(UPDATED - AFTER SPRINT STARTED - No changes in between)

### Scrum Times:

Monday 7 p.m

Wednesday 7 p.m.

Thursday 8 p.m..