

## **Sprint 2 Plan - BMI Dashboard - Team Dash - October 16 - Revision 0-November 4**

### **Goal:**

Our goal is to connect the “pipeline”. We want to connect the parsed data to the database, and then take the data out of the database depending on a query. We would like to at least simulate the flow of true live data from acquisition to parsing to database to display.

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

- **Establish project functionality 1** : As a developer, I need to display data in a simple manner to the visitor. E
  - We will connect the parsed data to our database to create a working database that includes real and relevant data.
- **Viewing previous data 2** - As an exhibitor, I need to be able to see energy consumption of previous days so that I can compare different days. OP,K
  - We will query the database and bring that data to display.
- **Communicate with database 3** - As a developer I need to learn PHP/MySQL so that I can connect our database to our web interface, through the use of visualization tools. O, OP, A
  - We need to be able to communicate data from the database to our visualization tools.
- **Prepare for live 4**- As a developer I want to simulate live data from past data so that we are prepared to show true live data. E
  - We would like to simulate the scenario of acquiring live data with static data so that when we do work with true live data we will be prepared.
- **Live acquisition 5** - As a developer, I need to work on gathering live data from the building management system so that we can show true live data. K, S, J
  - With the true live data we want to complete the “pipeline.” This includes acquiring data to storing to displaying the data.
- **User Manual 6**- As a user, I must be able to read a user manual for the BMI Dashboard. E

**Team Roles:**

Allen Liou: Product owner, Developer , Database Communication

Justin Barros: Developer, Parsing utility logs

Octavio Rodriguez: Developer, Database Communication

Oscar Pinedo: Scrum Master, Developer, Database Communication

Sterling Salvaterra: Developer, Parsing utility logs

Karthik Thota: Developer, Parsing utility logs, Database, Visualization

**Initial Task Assignment:**

Allen Liou: Communicate with database(ingest) and store data - 1,3,4, 6

Justin Barros: Parsing Data - 1, 4, 5, 6

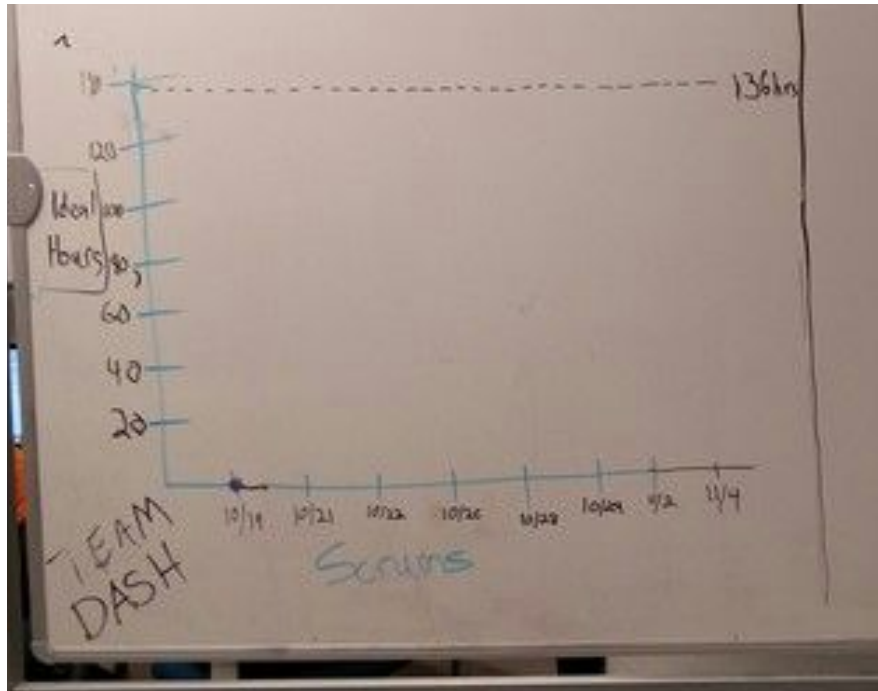
Octavio Rodriguez: Communicate with database and store data - 1, 3, 4, 6

Oscar Pinedo: Constructed Database, Communicate with database(ingest) - 1, 3, 4, 6

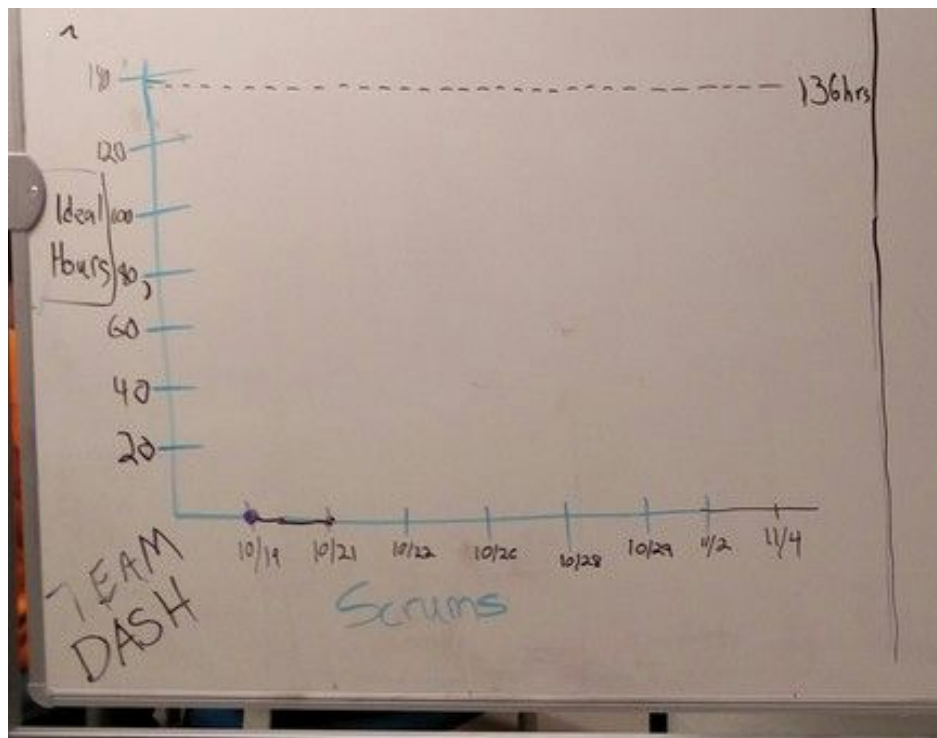
Sterling Salvaterra: Parsing Data - 1, 4, 5,6

Karthik Thota: Parsing Data, Constructed Database - 1, 2, 4, 5, 6

**Initial Burn Up Charts:**

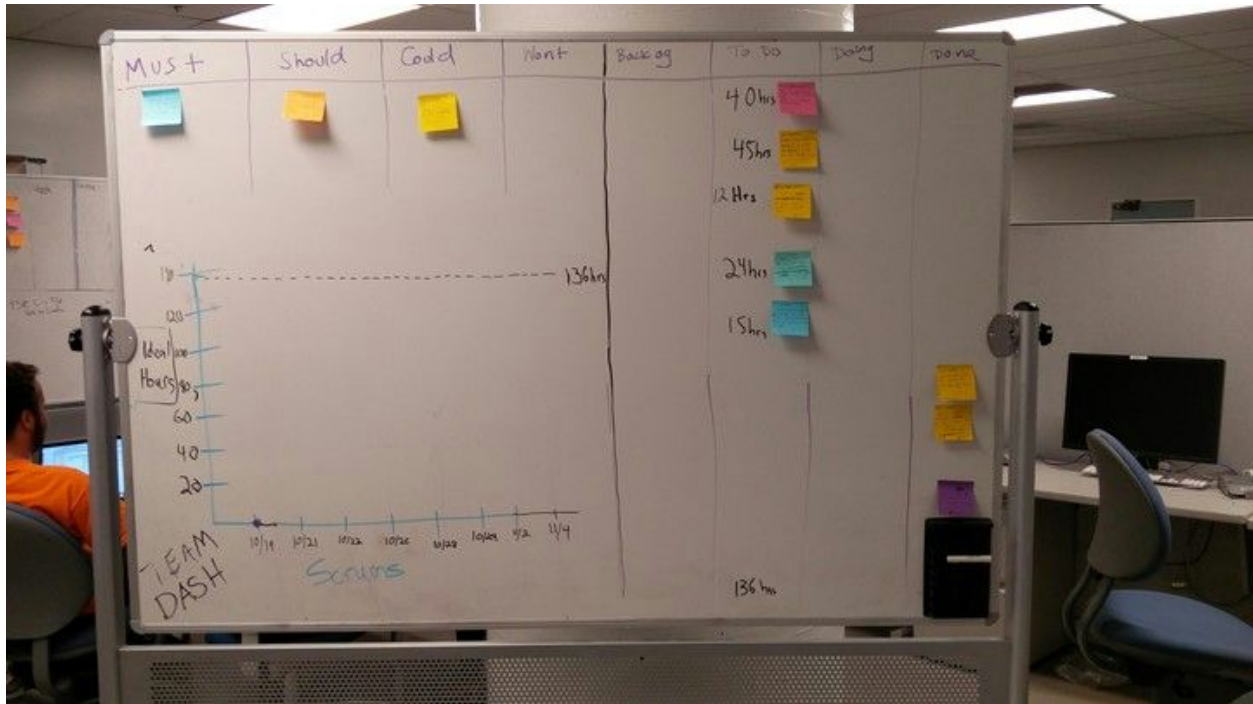


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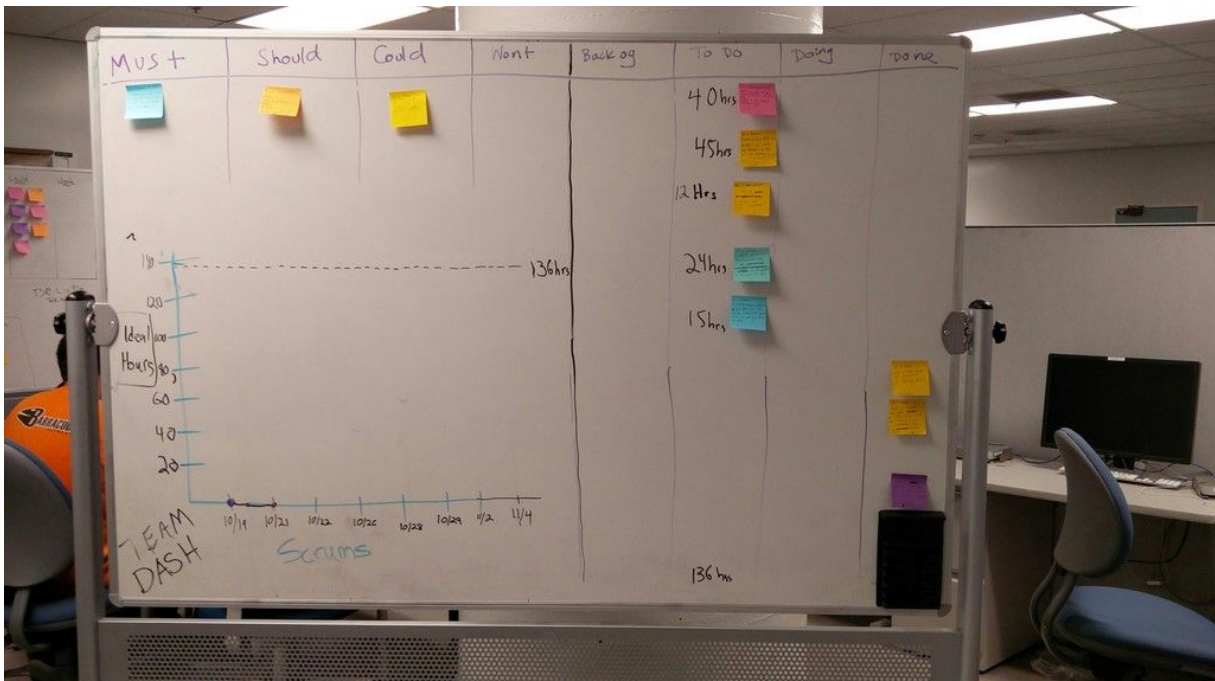


(UPDATED - AFTER SPRINT STARTED - No changes in between)

Initial Scrum Board:



(BEFORE SPRINT STARTED)



(UPDATED - AFTER SPRINT STARTED - No User Stories Completed)

**Scrum Times:**

Monday 7 p.m

Wednesday 7 p.m.

Thursday 8 p.m..