

## **Sprint 3 Plan - BMI Dashboard - Team Dash - November 6 - Revision 0-December 3**

### **Goal:**

Automate and connect the pipeline of acquisition, insertion, and visualization of the dashboard. Complete and ensure a fully functional and reliable dashboard, which involves rigorous testing of the front end and back end of the product.

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

- 1. Connect Pipeline** - As a developer, I need to connect data acquisition, insertion, and visualization together so that I can have a functional dashboard.
  - a. Tasks: Achieve cross functionality between the data files, databases, and web interface.
- 2. BMS Database Insertion** - As a developer, I need to insert BMS data into our database and ensure that there are no duplicates and be able to access data from the web interface.
  - a. Tasks: We need to develop the creation method for importing BMS data into the database.
  - b. Tasks: We need to figure out how to insert data into the database without creating duplicate entries of old data.
- 3. PV Database Insertion** - As a developer, I need to get rid of duplicate entries from the database so that we don't have repeated data for the PV.
  - a. Tasks: We need to figure out how to insert data into the database without creating duplicate entries of old data.
- 4. User Interface** - As a user, I need to have a user interface so that I can easily use the dashboard.
  - a. Tasks: We need to develop a user interface that is intuitive and easy to use.
- 5. User Manual** - As a user, I must be able to read a user manual for the BMI Dashboard so that I can understand how to install and use the dashboard.
  - a. Tasks: We need to write a user manual.
- 6. Regression Testing** - As a developer, I need to be able to perform and create regression tests so that I can ensure that the dashboard is working correctly.
  - a. Tasks: We need to test every part of our application.

**Team Roles:**

Allen Liou: Product owner

Justin Barros: Developer

Octavio Rodriguez: Scrum Master

Oscar Pinedo: Developer

Sterling Salvaterra: Developer

Karthik Thota: Scrum Master

**Initial Task Assignment:**

Allen Liou: **User Stories:** 1, 2, 3, 5, 6, **Initial Task:** 1a, 2a, 2b, 3a, 5a, 6a

Justin Barros: **User Stories:** 1, 2, 5, 6, **Initial Task:** 1a, 2b, 5a, 6a

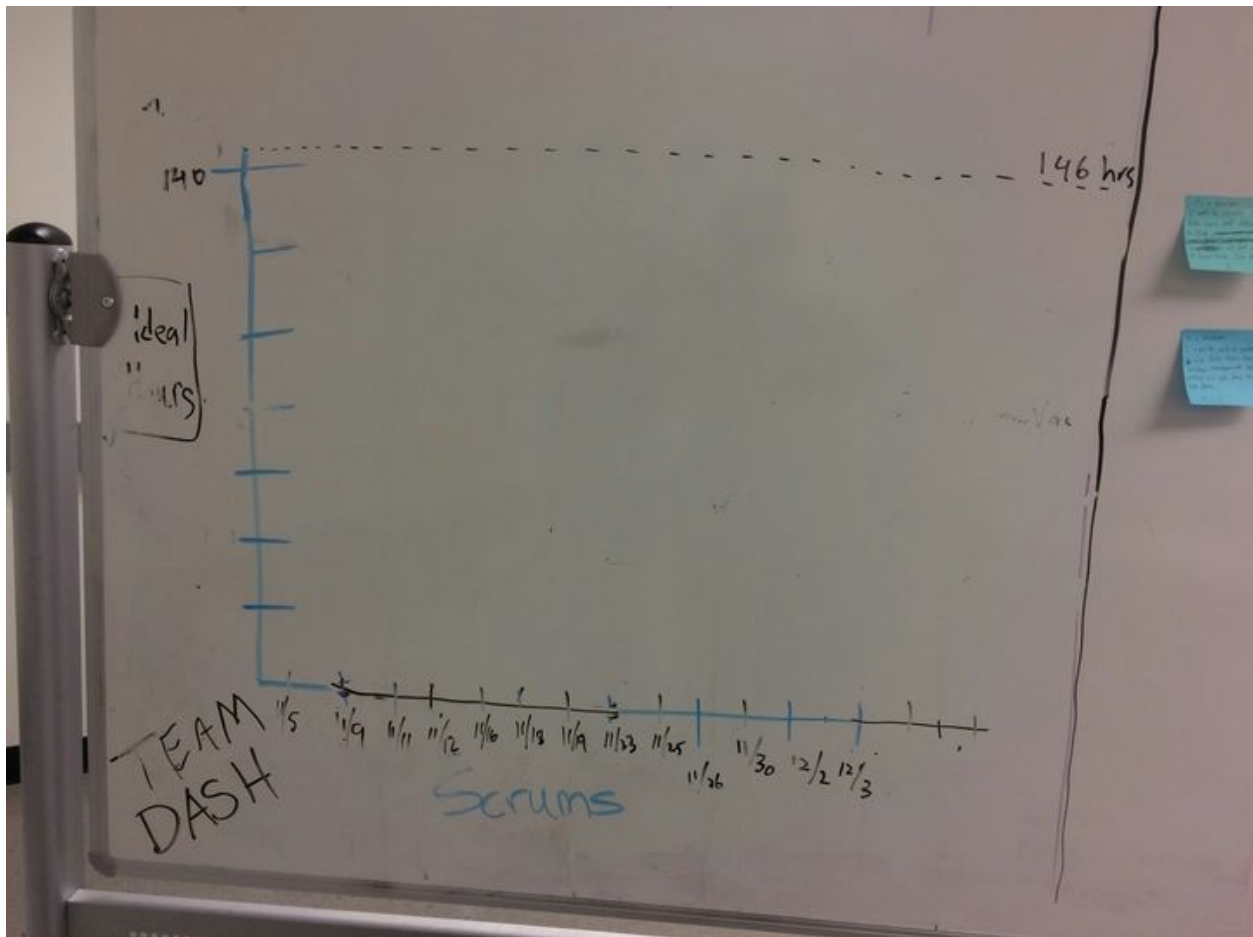
Octavio Rodriguez: **User Stories:** 1, 2, 3, 5, 6, **Initial Task:** 1a, 2a, 2b, 3a, 5a, 6a

Oscar Pinedo: **User Stories:** 1, 2, 3, 5, 6 **Initial Task:** 1a, 2a, 2b, 3a, 5a, 6a

Sterling Salvaterra: **User Stories:** 1, 2, 5, 6 **Initial Task:** 1a, 2b, 5a, 6a

Karthik Thota: **User Stories:** 1, 4, 5, 6 **Initial Task:** 1a, 4a, 5a, 6a

## Initial Burn Up Charts:



(BEFORE SPRINT STARTED)

## Initial Scrum Board:



(BEFORE SPRINT STARTED)

## Scrum Times:

Monday 7 p.m - Meeting with the TA.

Wednesday 7 p.m.

Thursday 8 p.m.