Release Plan

Team Name: Team DASH

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Tentative Project Title: BMIDashboard

Description: Create a dashboard to visualize and compare the utility data usage for the Monterey Bay National Marine Sanctuary. Dashboard is for exhibitors that visit the sanctuary.

High Level Goals: 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.

User Stories for Release:

Sprint 1

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.

- 13 points

Storing into our local database - As a developer, I need to have a database system so I can store data as efficiently as possible.

- 8 points

Establish project functionality - As a developer, I need to display data in a simple manner to the visitor.

- 8 Points

Setup Github - As a developer, I need to setup github repo so that we can efficiently progress.

- 1 Point

Sprint 2

Viewing previous data - As an exhibitor, I need to be able to see energy consumption of previous days so that I can compare different days.

- 8 Points

Display Graph - As a developer, I need to display a graph (visual) of an attribute (C02 levels) so that I can show the visitor the live feed of the attribute.

- 5 Points

Visualization Tools - As developers we need to research all the required visualization tools so that we can decide on our primary front end tool(library).

- 3 Points

Sprint 3

•Polishing UI - As a developer, I need to polish the display so that it looks appealing

- 5 Points

•Displaying different forms of visual data - As an exhibitioner I need to see the data in different visual forms so that I can explore different comparisons for different data

- 8 Points

Product Backlog: If we do not have the database working, then it is hard to accomplish the dashboard display. The visualization is entirely dependent on the parsing and database implementations of our project.