Release Plan - Check Up Health Care - 10/20/2019

High Level Goals)

- **To create a data warehouse of US hospital charge data containing all offered procedure costs that became publicly available in June 2019.**

- **To develop a dashboard for patients to compare procedure costs amongst hospitals nearby or by name lookup.**

- **Display procedure price index and hospital price index so users can determine which hospitals tend to be more expensive/affordable.**

Sprint 1)

(9) As a developer, I want to collect publicly available hospital data in a relational manner

(8) As a developer, I will be able to query a dataset in our SQLite3 database containing all the hospital procedure charges

(5) As a developer, I want to have a landing page for our application

(2) As a developer, I want to have access to a version controller

Sprint 2)

(13) As a developer, I want to link additional information with the current information in our database tables.

(12) As a user, I want to be able to search a procedure description or DRG code and select the hospitals that offer that procedure to view pricing

(4) As a user, I want to see a minimalistic, single-page web application with a pleasant interface

Sprint 3)

(10) As a user, I want to be able to compare the prices of hospitals near me

(10) As a developer, I must store address coordinates in a local dictionary to prevent repetitive Google Maps conversions (which cost money)

Sprint 4)

(14) As a user, I want to see a specific procedure's pricing rank amongst other hospitals that offer the same procedure

(12) As a user, I want to see a hospital pricing index in comparison to other hospitals in the US or near me.

(5) As a user, I want to be able to compare the prices of hospitals near me

(5) As a developer, I want the version controller for this project to be properly documented and organized so contributors will be able to implement new features easily.

PRODUCT BACKLOG:
- Autofill feature would be nice so users can see all available procedures in out database
- Styling Display.js module
- Fix bugs when deselecting hospitals to none in Display.js