Sprint 1 Report
Understanding Healthcare Data
4/13/2020

Actions to stop doing:
　　　　Do not jump right into coding if you don't understand the reasoning behind the assigned task.

Actions to start doing:
　　　　Ask our sponsor for examples when we do not understand a concept.

Actions to keep doing:
　　　　Communicating with our sponsor and working diligently (even through spring break).

Work Completed / Not Completed:
Completed user stories:

- **User Story 1:** *As a programmer, I want to be able to convert the English descriptions of medical codes present in a patient's data in a given month*

　　　　Task 1: Generate "sentences" of patient data given the different time buckets (10 points)
　　　　Task 2: Train a Word2Vec model (5 points)
　　　　Task 3: Generating matrices with the Word2Vec model, 1 vector per sentence (5 points)

- **User Story 2:** *As a healthcare provider, I would like to be able to run the data on multiple models to compare and ensure that the predictions are correct.*

　　　　Task 4: Modify the CNN to use the embedding matrices (5 points)
　　　　Task 5: Modify the RNN to use the embedding matrices (5 points)