

**Sprint 2 Report**  
Understanding Healthcare Data  
2/28/2020

**Actions to stop doing:**

We should stop not using the task board on Jira as frequently as we used to.

**Actions to start doing:**

More analysis into the data to decide which models to use, and gain a better understanding of the domain of the data. We can then use that knowledge to decide what to implement into our machine learning models.

**Actions to keep doing:**

Keep splitting the workload evenly and assigning tasks in a fair manner. We should also keep finishing our tasks on time.

**Work Completed / Not Completed:**

Completed user stories:

- User Story 1: *As a user I want to be able to extract a chosen set of features from a data set, and convert it into a format able to be fed into a neural network.*
  - Task 1
- User Story 2: *As a patient, I want to be able to predict whether or not I will be re-hospitalized for CHF in the future.*
  - Task 3 except 3D CNN
  - Task 4

Unfinished user stories:

- User Story 2: *As a patient, I want to be able to predict whether or not I will be re-hospitalized for CHF in the future.*
  - Task 3: 3D CNN
  - Task 4: Created RNN incorrectly
- User Story 1: *As a user I want to be able to extract a chosen set of features from a data set, and convert it into a format able to be fed into a neural network.*
  - Task 2