Sishir Yeety

Progress Report 2

July 19, 2020

Important Links

Logistics: <https://docs.google.com/document/d/1Qo0l0qF1jvVqmgqgL6Z6X51aw0wqDwLvQqicWylxr-8/edit>

Proposal: <https://docs.google.com/document/d/1DBiNyzAc-N_t-mUIpo8f4XV-9Phh9NjCQqrzheH1NXc/edit>

Project architecture: <https://docs.google.com/document/d/1gniWN_mi1aYDgE-gEIbVYT34rI5nCuwCKJ8rZ6ejdR8/edit?ts=5f0fdf24>

Main GitHub for data/program: <https://github.com/gurleenbath/Treaty-Bio>

**Part 1:**

**Question 1**

As a team, a lot was accomplished. The list is below:

-Main programming/UI portion of README.md completed with further updates as we integrate

-Sensortiles programmed (C++), 1 motion/audio, 3 motion

-Figured out that correlations between the measurements available and the predictions they make

- Initial shot data obtained

- Sklearn portions of code have been started

**Question 2**

One major roadblock was that there was no obtained data, but we do have some initial sensor data and have started the sklearn portion of the project using it.

**Question 3**

We hope to finish up most of the program and get deep into the sklearn/clustering portion of the data, while getting more shot data (Brendan and Gurleen). Plus finishing up the main program

**Part 2**

Question 1: I estimate we are about 60-70% done with the project

Part 3:

attached