This past week we achieved several important tasks. We finished the database and tested almost all of it. The results that we got were decent. We have recognized that in certain areas we need to improve our results. Basically at the corners and at the top, the reasons could be actually when we got those values, even in these spots, we mostly got results within 2 feet.

In addition:
- We implemented the video code, and it works great.
- We started on the poster
- We started on the GUI

The problem with our results at the corners can be fixed if we increase the size of the database to a sample for each feet. This way our code will have more values to compare with, and will most likely give favorable results.

Update on the GUI:
We have made video part of the GUI and can easily show the coordinates on it.

In addition, I would like to say that the database creation and testing took a lot of time, but the results we got were very satisfying.