

Weekly Status Report

Week 4

Name: Joe Lanzi

Activities and Accomplishments

- Finished the facial recognition capable of identification of persons with facial coverings with over 99% accuracy
- Finished a local Website in Html5, CSS3, and JavaScript
- Finished database and a local Webserver in C capable of running html, css, and javascript which fully integrated all the software together in a local storage device
- Created a full software handler capable of automating all task to completion and integrating entire system
- Created a network capable of wide world access

Problems

- Facial Mask eliminates simple methods and causes expensive computations that must be solved with dedicated GPU's locally or cloud-based computing

Plans

- Improve software and wait for the hardware to be done

Individual Hours Worked This Week on the Project

(Note: This is the total number of hours you actually worked on Capstone. Eg, if you have a team of 4 people, you worked together for 2 hours this week. **Individually, you worked 2 hours/4 =0.5 hour this week. You put 0.5 here.**)

I worked on the project for **20 hours**

The group met for a total of **3 hours/5 people = 0.6**

20.6

Discussion

This week, I trained the facial recognition pipeline to recognize the group. I was also able to optimize the system handler and handle all image and excel files to automatically send to the database.

I was able to complete every software unit testing, integration testing, and all the paperwork pertaining to the software. I also created 2 demo videos of the entire software integration