

## Week 1:

Progress - Photos are successful sent to server and stored. Began loading user submissions to home screen.

Problems - My ubuntu operating system broke down when expanding my partition for it. I had to wipe and reinstall the os but had saved everything before hand.

Plan - finish up home screen load from server. Tweak app minorly and write up installation and use guide for final submission.

## Week 2:

Progress - I setup mongodb to store data from server. Stores user data in a collection called submissions. Serves submissions to user that contains that users username. Sends photo to application to be displayed.

Plan - Finalize app and create user setup script for demo.

Problems - I'm unsure how to setup our server for demo as our application relies on a constant IP address for the server.

## Week 3:

Progress - Learned and created a apk Android binary file that can be dragged and dropped onto a emulated device to run our application. Fixed some minor bugs that the system was running into due to a reference error when phone couldn't connect to server. Helped Chase with the annotator by creating a submit button and server that allows us to receive annotated data from Amazon Turk.

Plan - Setup installation scripts and validate already existing installation scripts. Get more sleep.

Problems - Minor bugs in RA application. Minor bugs in Amazon Turk server and client html.

## Week 4:

Progress - Finalized code for code freeze on Monday. Worked on poster and submitted it today.

Problems - Minor problems combining all repos into a single github repo and making sure installation and run scripts work.

Plan - Continue working on project for fun. Clean up aesthetic

## Week 5:

Progress : Fixed mechanical tork client and server so that it works on AWS server and is able to download blobs. Worked on poster and fixed it so that it is ready for expo. Cleaned up and edited application server code.

Problem: Minor problems with exposing ports on AWS server so that clients outside the network could access them.

Plan: Continue working on project by cleaning up code for expo and possibly add new tab navigation bar.

## Week 6:

Progress - Worked on writing a script for converting a blob format into a json input for our neural network. Worked a little on the application, mainly cleaned up code.

Plan - Get application ready for expo. Finish script so that Ethan can train our neural network with new data.

Problems - I need to clarify with Ethan about some specifics with the script. Our last neural network received a single polygon to train so that it can segment hands. Our joint detector uses 14 polygon's that the neural network has to use.