Cansu Cabuk

Project Description
Using a html interface we want to control a raspberry pi camera to take still photos and rotate the camera with servos attached to it.

Work Completed
- Hosted test web interfaces for video streaming
- Solder microcontroller to servos
- Installed libraries onto pi for servo control
- Began creating schematic for camera holder
- 3D printed the camera holder

To-Do
- Finalize web interface controls
- Finalize servo design
- Stabilize server-client communication
- Add style for the html page

Individual Accomplishments
Cansu
1. Servo soldering/controller
2. Servo compatibility installation
3. Contributed to the schematics for the camera holder
4. 3D printed the camera holder

Emil
1. Tested camera capabilities
2. Hosted initial test server
3. Made HTML code for camera livestream

Cory
1. Hosted new server
2. Made HTML code for camera livestream
3. Drafted schematics for the camera holder

We still have a ways to go, but since our web interface has the ability to send slier data, we are feeling optimistic about our success in sending this data to python. We have a rough sketch of how are boom will go with our servos but we need to put the materials together still.