Meeting Minutes: 10/24/16

Attendance: all

Location: ARC108

What has changed since last meeting:

* Q
  + Researched more methods to make the cat move
* Luke
  + Modified color tracking. Improved color tracking accuracy
* Zacj
  + Modified cat face stuff for organization.
  + Made faces to indicate battery status
* Notes:
  + Alex Bagwell coming to meeting tomorrow to answer questions about servos
  + Do more work in the lab
  + Set up meeting with Dr. Zhu at tomorrow’s meeting

**Immediate goals:**

1. Group - fix servos
2. Voice Recognition Team
   1. Alex -
      1. Continue making progress on active listening using PocketSphinx
      2. Debug build errors with pocketSphinx
   2. Kurtis -
      1. Continue making progress on active listening (3rd party app)
      2. Debug the reason that servos motors don’t work correctly
3. Environmental Mapping
   1. Zach:
      1. Implement different UI based on battery level
      2. Use arduino playground send data to and from
   2. Seattle
      1. Log accelerometer data into txt file
      2. Discover connections between arduino and servos controller by pin number
      3. Work on arduino to servos connection
4. Facial Recognition/color Tracking
   1. Quintin:
      1. Begin moving hed to track faces
      2. Remove old openCV code for facial tracking
      3. Fix servos
      4. Add code to center a tracked face in the cat’s field of view
   2. Lukas:
      1. Modify color tracking to work with video feed
      2. Longer term: use legacy color tracking code to inspire how the cat’s head will move to follow colors