Meeting Minutes: 10/11/16

What has changed since last meeting:

* Quintin
  + Added FaceTracker functionality to main app
  + Updated gradle files and manifest files
  + Increased fps of facetracker for better tracking
* Kurtis
  + Added 2 commands
* Seattle
  + Added code to output accelerometer data to log
* Alex
  + Working on using 3rd party library to perform active listening. Non-functional so far
  + Added voice command “find me” to open face tracking
* Zack
  + Battery indicator: code written to display, not added to layout yet.
* Luke
  + Made standalone app for color tracking

**Immediate goals:**

1. Group - fix servos
2. Voice Recognition Team
   1. Alex -
      1. Continue making progress on active listening using PocketSphinx
         1. Not possible at this time with Google API
      2. Continue cleaning code
      3. Explore alternatives to 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. display battery indicator on the app
      2. Work on android to arduino connection
      3. Work on distance mapping
   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. Remove old openCV code for facial tracking
      2. Fix servos
      3. Add code to center a tracked face in the cat’s field of view
   2. Lukas:
      1. Improve performance of standalone app
      2. Longer term: use legacy color tracking code to inspire how the cat’s head will move to follow colors