Meeting Minutes: 11/7/16

Attendance: all

Location: ARC108

What has changed since last meeting:

* Q
  + The Cat is always face tracking in the background
  + The movement to center the most prominent face is inaccurate, but responsive
* Zach
  + Finished standalone battery app
  + Compiled standalone app into Roboapp
* Alex
  + Uploaded last release to google Play
  + PocketSphinx is functional sometimes
* Kurtis
  + Added walk voice command
* Luke
  + Work on taking snapshots from video feed to analyze
* Seattle
  + Worked on actor, concept/purpose mapping, diagrams, description of technology
  + Work on accelerometer data
* Goal: Email Dr. Zhu Tuesday (spoke with him about this), deploy next release,

**Immediate goals:**

1. Group - fix servos
2. Voice Recognition Team
   1. Alex -
      1. Debug active listening
      2. Remove openCV
      3. Next release to play store
   2. Kurtis -
      1. Continue making progress on active listening (3rd party app)
      2. Make command that can move the servos motor
      3. Begin emotion detection
3. Environmental Mapping
   1. Zach:
      1. Get data from ultrasonic sensor to the arduino then the phone
   2. Seattle
      1. Finish accelerometer output to txt file
      2. Revise system architecture diagram
4. Facial Recognition/color Tracking
   1. Quintin:
      1. Increase accuracy of head movement
      2. Use smile values to affect the emotion of the cat
   2. Lukas:
      1. Modify color tracking to work with video feed
      2. Compile standalone into main app