Meeting Minutes: 9/26/16

What has changed from last meeting:

* Everyone has the app running on their phone successfully.
* Reviewed OpenCV code, there is a built in API in Google Play Services that would potentially be easier to use than OpenCV for facial recognition in real time.
* Decided to use ultrasonic sensor: accuracy.
* We have to meet with Mr. Robocat now that we have the apps compiling/running successfully
* Evaluate milestone 1 goals at the next meeting.
* Emailed Miguel, we plan to use the robocat for the first time tomorrow.

**Immediate goals:**

1. Group - Meet with Miguel on Tuesday (9/27) to operate the robocat
2. Voice Recognition Team
   1. Evaluate existing code - uses android API for speech recognition. Learn the API then evaluate existing code.
3. Environmental Mapping
   1. Research libraries to utilize ultrasonic sensors for environmental mapping
   2. Implement battery indicator on the app: Zach
   3. Log accelerometer data: Seattle
4. Facial Recognition/color Tracking
   1. Facial Recognition: OpenCV code was never properly functioning for this app; therefore, we’ve chosen to use the Google API for facial recognition going forward
   2. Implement Facial Recognition HelloWorld using android API: Quintin
   3. Research if it’s possible/reasonable to run OpenCV and the Google image recognition library simultaneously. If not, we’ll need to reimplement color tracking using the android API: Lukas