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