

Meeting Notes

- Improving existing functionality is first priority
- First goal: Improve existing vision recognition algorithm
 - Mourath has knowledge in this area
 - Replicating existing setup
 - Can touch base with team in China that worked this
- Need to get familiar with simulation environment (Gazebo)
 - Can we do the visual adjustment for deliverable 1 in the simulator
 - May need to use the actual robot for this
- Could possibly replace vision recognition algo with mobilenet vision recognition
 - May need to use compute stick for neural net since the onboard NUC might not have enough compute power
- Additional stretch goal: Use biomechanical calcs to soften the shock of steps on certain surfaces
- Service should be running to boot bot, not running
 - Maybe look into why service is not running
 - May need to re-register service
- Feature Ideas:
 - Feature to kick people
 - Feature to cut charger chords

To-Do

1. Get everybody familiarized with Gazebo
2. Build roadmap for work to be done
3. Get everybody familiarized with the documentation
4. Determine how we might split the work