

April 19, 2016 – Evaluation Meeting

- Mike's Concerns
 - GPS vs. Vision Systems Control (LiDAR, Ultrasonics, etc.)
 - Which one is more important?
 - If adding things, need to be guaranteed for show and working these correct priorities
 - Want solid results, not work in progress of a bunch of different tasks
 - Project closure
 - Need good documentation, repo's in order, everything on EDGE
 - Documentation updated & stored
 - Directory reorganized
 - Can organize MSD I & MSD II together (Mechanical, Electrical, Software, etc)
 - Theory of Operation – needs some attention
 - Next team can understand why certain things are in place
 - Summary of current status & where are we heading
 - Concerns – measuring heat rise in enclosure
 - Risk Management
 - Issue Register
 - Parking lot
 - Add throttle fix
 - Collision detection
 - Temperature rise in enclosure???
 - Should be measured at some point
 - Keep box open when charging
 - Concerned with the heat rise when the cart is doing its thing
 - Poster
 - Needs to be eye catching, advertisement, want to see the show
 - **Contingencies for Imagine RIT (What could go wrong?)**
 - Pouring rain
 - Flat/leaking tire – Spare tire
 - Batteries for remote control – need extra
 - Other risks....
 - Tent from Ptucha
 - Throttle continues when brake is hit
 - Long term – need to have something in place to stop this
 - **Everything implemented should be tested well before show!**
- Possibly one final demo
 - Not sure about this?
- Get team together about all of our ideas and discuss them to make sure that the team is headed in the best and agreed direction

TEAM MEETING

- Issues/Tasks
 - Setting up PC for network access
 - Check Phase II email
 - Contact Connor from Phase II
 - Contact network administrator?
 - Ultrasonics
 - Testing capacitors
 - Testing digital rather than analog
 - Autonomous Driving
 - Localization
 - IMU data in ROS
 - GPS publishing in ROS
 - UI exists on someone's computer
 - Speed
 - Mode control