

Team Name: sdmay24-43

Team Members: Peter Wissman, Jacob Nedder, Gavin Petrak, Andrew Kraft, Jack Doe

Report Period: Oct 9 - Oct 22

Summary of Progress in this Period

Over the last two weeks, we have completed our Design Lightning talk and presented it in class. Since then, we have been working to implement the feedback provided by our professor and classmates. We have updated our Gantt chart to reflect our project schedule, breaking apart several large tasks into smaller, easier-to-track parts, and we have begun revising our design with specific sensors in mind, as well as starting to add detail on how each part of the system will integrate with the others. We also reached out to Professor Fleming, who has experience with automation and robotics with respect to RC cars, for guidance.

Pending Issues

- We still haven't committed to any sensors or processors, but we are narrowing our options
 - We also haven't decided how we will connect our sensors. We're thinking about using RobotOS
-

Plans for Upcoming Reporting Period

We plan to finalize some of our design choices relating to the sensors and RC car being chosen. We are also developing some testing procedures we can use while testing each part of the RC car. We will meet with Professor Cody Fleming, who specializes in autonomy. The plan is to meet with him sometime next week to discuss any tips or tricks he knows regarding automation and integrated systems as well as have a good starting point on the software portion of our project..
