

Team sdmay22-02

Project Title: Roomba Swarm

Date: 10/31

## **Members:**

- Individual 1 - Adam Brandt
- Individual 2 - Joshua Arment
- Individual 3 - Hunter May
- Individual 4 - Greyson Jones
- Individual 5 - Devon Kooker
- Individual 6 - Marcella Anderson
- Individual 7 - Noah Kiel

## **What we've accomplished in the past week/what we've been researching:**

- Individual 1 - Helped create a presentation on the differences between our project and the other team's project.
- Individual 2 - Assisted in the creation of a brief analysis of our team's project and the powerpoint presentation medium used to give the client a better understanding of our project.
- Individual 3 - Worked on the client presentation and continued to look into different sensors.
- Individual 4 - Get a fundamental understanding of what the other team accomplished.
- Individual 5 - Regained understanding on how the lidar sensors work as well as the degree angle of the previous projects lidar
- Individual 6 - Worked with the team to summarize what has been done so far and review our plan moving forward
- Individual 7 - Got roomba working and finished C code interface

**What we're planning to do in the coming week:**

- Individual 1 - Work on Roomba with a small group in the lab.
- Individual 2 - Get into the lab with a small group to get hands on experience with the Roombas
- Individual 3 - Messaged Leland Harker about a meeting to discuss different options, more in-depth.
- Individual 4 - Get hands-on experience with the roombas in the lab.
- Individual 5 - Start to look into leader algorithm
- Individual 6 - Make teams for upcoming work and get hands on experience with the roomba
- Individual 7 - Make documentation on project setup/running with roomba

**Issues we had in the previous week:**

- Individual 1 - None
- Individual 2 - None
- Individual 3 - None
- Individual 4 - None
- Individual 5 - Misconception on rotation of lidar
- Individual 6 - none
- Individual 7 - Linker error compiling, couldn't link a specific function properly