

Team sdmay22-02

Project Title: Roomba Swarm

Date: 10/17/21

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 - Read through the old team's code and helped with design document
- Individual 2 - Read through significant sections of the objects-robots branch in the repository.
- Individual 3 - Worked on the design document.
- Individual 4 - Read through the old team's code for webots and prepare to plan out design implementation.
- Individual 5 - Discussed with Electrical/CPRE Friends on how different sensors worked
- Individual 6 - Worked on the design document
- Individual 7 - writing up design document, discussed software design solutions

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

- Individual 1 - Working on code for the project and next week's assignment.
- Individual 2 - Finish up going through the repository and work on the Testing assignment.
- Individual 3 - I'm going to look into different models for the LIDAR sensor
- Individual 4 - Continue reading through the old team's code for webots and preparing to plan out design implementation.
- Individual 5 - Find material to mount to robot for pipes
- Individual 6 - Develop a testing plan
- Individual 7 - implement discussed software design and test

Issues we had in the previous week:

- Individual 1 - N/A
- Individual 2 - N/A
- Individual 3 - N/A
- Individual 4 - N/A
- Individual 5 - A little confusion on potential sensors to use (resolved)
- Individual 6 - N/A
- Individual 7 - N/A