Team sdmay22-02

Project Title: Roomba Swarm

Date: 10/24

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 - Worked on testing lightning talk and continued to read through other teams code. Also looked into what we need to order for the Roomba.

- Individual 2 - Bettered my understanding of the newer code in the git repository, worked on the testing lightning talk some

- Individual 3 - Looked at different Lidar sensors and have reached out to to ETG about if it's able to be mounted on our roomba

- Individual 4 - Read through the old team's code for webots and prepare to plan out design implementation.

- Individual 5 - Looked into the design of the past teams Lidar setup and also started looking into the speed specifications of the currently mounted servo.

- Individual 6 -

- Individual 7 -

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

- Individual 1 - Work on getting the LIDAR for the Roomba and making sure that it is able to be integrated into the system.

- Individual 2 - Help decide on what our next step for the project is, and then work on a presentation for the client to convey those steps.

- Individual 3 - Farther research and collaboration with ETG about getting a lidar mounted to the roomba

- Individual 4 - Read through the old 288 code of my teammates old project to understand how to control the roomba.

- Individual 5 - I plan to look into the speeds that the rumbas can move at along with the servo data and see if they match what the past team already implemented

- Individual 6 -

- Individual 7 -

Issues we had in the previous week:

- Individual 1 - None

- Individual 2 - None

- Individual 3 - None

- Individual 4 - None

- Individual 5 - Had a misconception of how the past team operated the lidar

- Individual 6 -

- Individual 7 -