Weekly Report 1

Feb 7, 2019

Team: sddec19 - 17

Project: Goose Chaperone

Objective

Our team was finally able to communicate and meet with Dr Geiger. He wants us to create a robotic machine that can detect and chase away geese. There are no specific components that we need to use. We are to research and create a robotic machine entirely from scratch or use pre-made devices for our purpose.

Our team must first do some research. This is divided into several tasks for this and next week:

- Scare Tactics online and expert
- Most compatible development board (Raspberry or MSP430)
- Goose identifier
- Analog sensors
- Water and ground motor components
- Body components of robotic machine
- Research existing goose prevention tools
- Ensure legality of scare tactics

Current

On the day of the weekly report we are currently:

Johnson Phan: Found numerous scare tactic methods and strategies online.

Begin researching MSP430 and Raspberry

Alec Morris   Researching legality of said scare tactics.

Looking into existing products for goose prevention.

Weston Berg: Research and compare robots to buy which can be augmented

Prepare results for presentation to the group/client

Woodrow Scott   Researching software tools to identify geese that will be viable for mobile non-networked machines.

Zhihao Cao:	Researching on what kind of sensors is the best for identify goose and found out characteristics of goose .

Next

Current tasks should be done by middle or near the end of next week. Progress might slow due to Career Fair. By the end of the week, our team will begin looking for components for our project.