# Proposal Report

## Team members:

* Nicholas Newby
* Drake Melancon
* Jacob Mitchell
* Madelyn Hutchinson
* Donovan Groschang (team leader)

## Project: Object/people follower

The objective of this project is to implement an object (or people) recognition algorithm into the TurtleBot and to make the robot exploit it to follow objects at first, and then people.

Our main objective can be break down into different measurement of success:

* Capability to recognize object
* Capability to move forward when recognizing the correct object
* Capability to stop when an obstacle is detected
* Capability to turn to follow the movement of the correct object

Once all those objectives are completed with specified object, we’ll try to complete the same ones replacing the object with people.