

# The Object Collector Robot

## Sprint Planning and Discussion

### **Sprint 1- (11/24/2019 11:30AM - 12:30PM)**

1. Task allocation for this Sprint
2. Discussion about classes to be used in the project
3. General flow of the Algorithm to be used
4. Adding License for the project
5. Review of packages to be used
6. Exploring test cases to be used for the next sprint

### **Sprint 2- (11/28/2019 11:30 AM - 12:30 PM)**

1. Discussion about project application and its name, which will be “eco-bot”
2. Eco-bot is an AGV that collects randomn spawned trash in closed environment.
3. Task allocation for Sprint 2
4. Exploration will be done using available *rrt\_exploration* package
5. Path planner algorithm will be AStar
6. Code stubs will be written in this sprint with its test cases
7. Update readme for this project till this sprint.

### **Next Sprint Tasks:**

1. Update UML
2. Work on implementation of project to explore OpenCV
3. Implement main.cpp file
4. Work on issues with Travis and Coveralls
5. Write Doxygen compatible comments
6. Check for cpplint and cppcheck errors
7. Update readme with final project flow and presentation

### **Sprint 3-**

- 1.