

## Front page

## Summary

## Introduction

Research Question

Requirements

Objectives

## Equipment

TurtleBot

Lidar

Colour Detector

Software

## Theory

ROS System

Client Server

Publisher Subscriber

Navigation and Movement techniques

## Methodology and Experiments

Navigation

Movement

Colour Detection

Overall Behaviour

## Results

Final Product

Capabilities of the Robot

Shortcomings of the Robot

Errors and Bugs

## Discussion

Have the Requirements been met?

Improvements

## Conclusion

## References