EEE3099S Weekly Review Report

# Week Ending

29 September 2023

# Group Members:

|  |  |
| --- | --- |
| **Student Name** | **Student Number** |
| Cameron Clark | CLRCAM007 |
| Kian Frassek | FRSKIA001 |
| Thiyashan Pillay | PLLTHI032 |

**Project Status**

# Accomplishments:

* Flashed the Arduino using Simulink.
* Started migrating Simulink simulations to MATLAB code.
* Swapped some pins on the Veroboard to allow for interruptions.
* Draw up the schematic for the Veroboard.
* Finish soldering the board.
* Got it to follow a line.
* Got it to move 1 meter and turn 90 degrees.

# Issues

* The lack of the ability to convert analog pins to digital pins in Simulink.

# Upcoming Tasks

Provide a list of tasks that are planned for the next week.

* Test the robot on the map in the white lab to ensure that it works.
* Submit PCB design.

# Attachments

NA.

**Signatures**

|  |  |  |
| --- | --- | --- |
| Cameron Clark | Kian Frassek | Thiyashan Pillay |
|  |  | A purple marker on a piece of paper  Description automatically generated |