**ROB-8760: Capstone Project**

**Final Report**

**Title: Arrange Chairs around a Table using SPOT Robot**

**Term: Spring 2025 – Fall 2025**

**Project Advisor: Prof. Karthik Desingh**

**Done by: Siddharth Senthilnathan**

**Minnesota Robotics Institute**

**College of Science & Engineering, University of Minnesota**

**Minneapolis, MN 55455**

**ABSTRACT**

**TABLE OF CONTENTS**

Objective…………………………………………………………………………………………………………………………..…4

Procedure…………………………………………………………………………………………………………………………….5

Algorithm………………………………………………………………………………………………………………………..…..6

Result…………………………………………………………………………………………………………………………….…….7

Evaluation metrics………………………………………………………………………………………………………………..8

Future work………………………………………………………………………………………………………………………….9

**OBJECTIVE**

**PROCEDURE**

**ALGORITHM**

**RESULT**

**EVALUATION METRICS**

**FUTURE WORK**