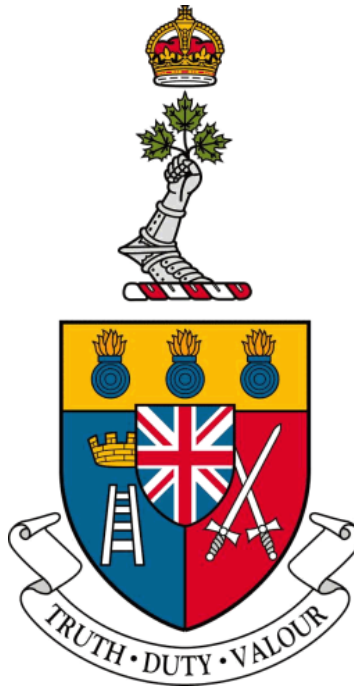


ROYAL MILITARY COLLEGE OF CANADA

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING



DID-03 - Statement of Requirements

Presented by:

Amos Navarre HEBB & Kara STEPHAN

Presented to:

Dr. Sidney GIVIGI

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Part 1

Introduction

1.1 Document Purpose

1.2 Background

1.3 Aim

1.4 Scope

Part 2

Requirement Definition Activities

2.1 Information

2.1.1 Meetings with Dr. Givigi

2.2 How References Were Used

2.2.1 First Reference

2.2.2 Another Reference

Part 3

Product Requirements

3.1 Functional Requirements (FR)

3.1.1 FR-01: First Thing To Do

3.1.2 FR-02: Second Thing To Do

3.2 Performance Requirements (PR)

3.2.1 PR-01

3.3 Interface Requirements (IR)

3.3.1 IR-01

3.4 Simulation Requirements (SimR)

3.4.1 SimR-01

3.5 Implementation Requirements (ImpR)

3.5.1 ImpR-01

3.5.2 ImpR-02: Turtlebot Robot Operating System

The simplest obstacle avoidance algorithm must be implemented on a Turtlebot using the Robot Operating System

3.6 Schedule Restrictions (SR)

3.6.1 SchR-01: First Prototype

The first functional prototype shall be available for Beta testing no later than November 1st

Part 4

Risk Assessment

4.1 Risks

4.2 Likelihood

4.3 Impact

Part 5

Conclusion

5.1 Summary

5.2 Link to Preliminary Design Specification

References