SMART WALKER

SYSTEM REQUIREMENTS DOCUMENT

**MECHATRONICS 4TB6**

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# Revision History

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Rev** | **Author(s)** | **Description of Change** | **Peer Reviewed** | **Date** |
| - | T.Jass | Original Document | A.Jass | 10-Oct-2017 |

# Document References

|  |  |
| --- | --- |
| **Document Number** | **Document Name** |
| SRD0002 | Wheels and Motors Subsystem Requirements Document |
| SRD0003 | Braking Subsystem Requirements Document |

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# Document Purpose

The purpose of this document is to specify the requirements of the overall top level Smart Walker System.

# 1 System Scope

## Purpose

## Goals

## Project Scope

# Overall Description

## System Overview

## System Functionality

## Uses and Characteristics

## Operating Environment

## 2.5 Variables and System Context Diagram

## 2.6 Assumptions and Dependencies

## 2.7 Required Behaviour Description

## 2.8 Functional Decomposition

# 3 Specific Requirements

## 3.1 Functional Requirements

## 3.2 Non-Functional Requirements

# Appendices

## Appendix A

# Citations