POLITECNICO
MILANO 1863

# SafeStreets

Requirements Analysis and Specification Document

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# Contents

# 1 INTRODUCTION

## 1.1 Purpose:here we include the goals of the project

## 1.2 Scope: here we include an analysis of the world and of the shared phenomena

## 1.3 Definitions, Acronyms, Abbreviations

## 1.4 Revision history

## 1.5 Reference Documents

## 1.6 Document Structure

# 2 OVERALL DESCRIPTION

## 2.1 Product perspective: here we include further details on the shared phenomena and a domain model (class diagrams and statecharts)

## 2.2 Product functions: here we include the most important requirements

## 2.3 User characteristics: here we include anything that is relevant to clarify their needs

## 2.4 Assumptions, dependencies and constraints: here we include domain assumptions

# 3 SPECIFIC REQUIREMENTS: Here we include more details on all aspects in Section 2 if they can be useful for the development team

## 3.1 External Interface Requirements

### 3.1.1 User Interfaces

### 3.1.2 Hardware Interfaces

### 3.1.3 Software Interfaces

### 3.1.4 Communication Interfaces



## 3.2 Functional Requirements: Definition of use case diagrams, use cases and associated sequence/activity diagrams, and mapping on requirements

## 3.3 Performance Requirements