# Table of Contents Page No.

### 1. Introduction

- 1.1 Purpose
- 1.2 Product Scope
- 1.3 Definition, Acronyms and Abbreviations
- 1.4 Technologies to be used

## 2. Overall Description

- 2.1 Product Perspective
- 2.2 User Classes and Characteristics
- 2.3 Operating Environment
- 2.4 User Documentation
- 2.5 Software Interfaces
- 2.6 Hardware Interfaces
- 2.7 External Forces
  - 2.7.1 Dependencies
  - 2.7.2 Constrains

# 3. System Features

- 3.1 Functional Requirements
- 3.2 Non-functional Requirements

### 4. Design

- 4.1 System Design (front-end design)
  - 4.1.1 Use Case Diagrams
  - 4.1.2 Use Case Scenarios Description
  - 4.1.3 Class Diagram
  - 4.1.4 Object Diagram
  - 4.1.5 Component Diagram
  - 4.1.6 Deployment Diagram
  - 4.1.7 Sequence Diagram
  - 4.1.8 Collaboration Diagram
  - 4.1.9 State Chart Diagram
  - 4.1.10 Activity Diagram
  - 4.1.11 Data Flow Diagram
- 4.2 Database Design
  - 4.2.1 E-R Diagram
  - 4.2.2 Schema Design
- 5. GUI
- 6. Future Scope
- 7. Conclusion
- 8. References