## **Contents**

#### 1. Introduction

- 1.1. Overview of the system
- 1.2. Problem definition and objective

#### 2. Requirement and Analysis

- 2.1. Problem definition
- 2.2. Select the software development model.
- 2.3. Requirement specification includes existing system and proposed system
  - 2.3.1. Justification of the proposed system
  - 2.3.2. Benefits of the proposed system
- 2.4. Project Planning
- 2.5. Project Scheduling
- 2.6. Feasibility Study

### 3. Software Requirement Specification (SRS)

#### 3.1. Introduction

- 3.1.1. Purpose
- 3.1.2. Scope
- 3.1.3. Definitions, acronyms, and abbreviations
- 3.1.4. References
- 3.1.5. Overview

#### 3.2. Overall description

- 3.2.1. Product perspective
- 3.2.2. Product functions
- 3.2.3. User characteristics
- 3.2.4. Constraints
- 3.2.5. Assumptions and dependencies

#### 3.3. Specific requirements

- 3.3.1. External interfaces
- 3.3.2. Functional requirements
- 3.3.3. Performance requirements
- 3.3.4. Logical database requirements
- 3.3.5. Design constraints
- 3.3.6. Software system attributes
- 3.3.7. Organizing the specific requirements
- 3.3.8. Additional comments

#### 4. Software and hardware requirements

4.1. System specifications

- 4.1.1. Hardware specifications
- 4.1.2. Software specifications

# 5. System Design

- 5.1. Introduction
- 5.2. Input design
- 5.3. Output design
- 5.4. E R Diagram
- 5.5. Database design
- 5.6. Module Description
- 5.7. Data Flow Diagram

## **6.** System Development

- 6.1. Process Description
- 6.2. Source code

# 7. System Implementation

- 7.1. Testing
- 7.2. System Implementation
- 7.3. Security
- 8. Conclusion

# 9. Appendix

- 9.1. Sample input screens and outputs screens
- 9.2. Reports

# 10. Bibliography