**ONLINE COURSE RESERVATION SYSTEM:**

**Table of Contents**

**1. Introduction**

In the fast-evolving landscape of education, the demand for efficient and accessible methods of course enrolment has become increasingly apparent. The Online Course Reservation System is a comprehensive solution designed to streamline and simplify the course registration process for students and administrators alike.

**1.1 Purpose of this document**

The primary purpose of the Online Course Reservation System is to provide an intuitive and user-friendly platform that enables students to easily browse, select, and reserve courses online. This system aims to replace traditional, time-consuming registration methods with a digital, automated process, fostering efficiency and reducing administrative overhead.

**1.2 Scope of this document**

The system covers the entire course reservation lifecycle, from course browsing and selection to confirmation. It caters to both students and administrators, offering features that enhance user experience, ensure data accuracy, and optimize the overall management of course enrolment.

**1.3 Overview**

In the rapidly evolving landscape of education, the **Online Course Reservation System** stands as a pivotal solution designed to streamline and revolutionize the course enrolment process. This dynamic web-based platform serves as a bridge between students and educational institutions, offering a sophisticated yet user-friendly interface to simplify the complexities of course selection, reservation, and administration.

**1.4 Business Context**

**2. General Description**

**2.1 Product Functions**

**2.2 Similar System Information**

**2.3 User Characteristics**

**2.4 User Problem Statement**

**2.5 User Objectives**

**2.6 General Constraints**

**3. Functional Requirements**

**4. Interface Requirements**

**4.1 User Interfaces**

**4.2 Hardware Interfaces**

**4.3 Software Interfaces**

**5. Performance Requirements**

**6. Other non-functional attributes**

**6.1 Security**

**6.3 Reliability**

**6.4 Maintainability**

**6.5 Portability**

**6.6 Extensibility**

**6.7 Reusability**

**6.8 Application Affinity/Compatibility**

**7. Preliminary Use Case Models and Sequence Diagrams**

**7.1 Use Case Model**

**7.2 Sequence Diagrams**

**8. Updated Schedule**

**9. Appendices**

**9.1 Definitions, Acronyms, Abbreviations**

**9.2 References**