Railway Reservation System

Problem System:

The problem statement is to develop a software that allows passengers to make reservations and pay for it online securely.

Software Requirements Specification:

1. Introduction

1.1 Purpose of this document:
This document highlights all the features provided by the system, it's constraints and requirements.

1.2 Scope of this document:
The scope of this document is to provide a brief description of all the functionalities provided by the system, the time and cost needed for successful completion of the project.

1.3 Overview:
Railway Reservation System is a software that allows any user to check train schedules, check availability of seats and make reservations efficiently.

2. General description:
Railway reservation system is a software that is built for any user who wishes to make reservations online, track trains, check schedules and make payments online.

3. Functional Requirements:

→ The system allows users to make reservations and pay for them online.

→ The system also allows users to check train schedules and make reservations accordingly.

4. Interface Requirements: The system can communicate with users through any mobile or desktop.

→ The system also makes use of payment gateway to accept payments and emails to send confirmations.

5. Performance Requirements:
→ The system must handle transactions in real-time.
→ The system must maintain a good response time.

6. Design constraints:
→ The system should be able to run on any operating system.
→ The system should be easy to maintain.

7. Non-functional requirements:
→ The system should be safe and secure to use.
→ The system should be reliable and available at all times.
→ The system should be user friendly and easy to use.

8. Preliminary Schedule and Budget:
The development of the project will need a budget of 10,00,000/- and will need 12 months for successful completion of the project.