

# **Train Seat Reservation**

## **1. Introduction**

### **1.1 Purpose:**

The purpose of Train seat Reservation System is to search trains, check seat availability, book tickets and online payments.

### **1.2 Scope:**

It reduces manual work at railway counter and provides fast, secure, and convenient ticket booking services.

### **1.3 Overview:**

It contains functional requirements, non-functional requirements, interface requirements, and design constraints of the system.

## **2. Functional Requirements:**

- The system shall allow users to register with name, phone number, email, and password
- The system shall allow users to login securely
- The system should allow users to search trains by source, destination, and date.

## **3. Non-Functional Requirements:**

- Performance
- Security
- Scalability
- Usability