

Railway reservation system

1) Introduction

1.1) Problem Statement

The Railways Reservation System is an essential software that automates the process of ticket booking, cancellation and refund management for railway passengers. The primary issue faced by the passengers is the manual and time-consuming process of ticket booking, which may lead to long queues, errors. The problem can be resolved by developing a railway reservation system.

1.2 Scope

This document outlines the requirements for the development of a web-based Railways Reservation System to automate ticket booking and refund management for railway passengers.

1.3 Overview:

Railways Reservation System will be designed to be user-friendly, fast and scalable to accommodate a large number of users. It will be developed using Java with a relational database management system and will ensure the security of data.

2) General Description:

The Railways Reservation system will be a web-based application accessible to railway passengers. The system will provide features such as ticket booking, cancellation. The system will store all the data in a central database.

3) Functional Requirements:

The ~~Res~~ System will have the following functional requirements:

Ticket Booking: The system should allow passengers to search for trains.

Users should be able to make accounts and ~~passengers~~ ^{users} should be allowed to cancel or refund tickets.

4) Interface Requirements

The system should have a user friendly interface for passengers. Passengers should be able to search for, book tickets etc.

5) Performance Requirements

The system should be fast and responsive and its maximum response time must not be greater than 3 seconds. The system should be scalable and secure.

6) Design Constraints

The system should be developed on a web-based platform using Java with a RDBMS.

7) Non-functional Attributes

The system should be user-friendly, reliable and ensure the security of data.

8) Preliminary Schedule and Budget

The development of the Railways Reservation System is expected to take approximately six months with a budget of \$100,000.

1. Introduction

1.1 Problem

The rise of e-commerce with the internet has created a need for a shopping system for products that can be accessed and provide a

1.2 Scope

This is a study of an e-commerce system for a web-based catalog.

1.3 Overview

The system is a secure web-based catalog using a database.

2. System Requirements

The system will be a web-based catalog for products and services.

3. Functional Requirements

The system will have the following functional requirements: