SRM UNIVERSITY ANDHRA PRADESH

Introduction to Programming Using C Project Synopsis On

Electronic Railway Ticket Booking (ERTB PROJECT)

Submitted In Partial Fulfillment For The Award Of The Degree In

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

Group:12   Section:C

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ABSTRACT:

As the name suggests Railway Reservation System is software that handles the entire booking data of the railway. It is fully based on the concept of reserving train tickets for various destinations. Previously the task of handling the tickets at a time was very difficult, so there was a need for software that can handle all Railway Reservation System.

The Railway Reservation System facilitates the passengers to enquire about the trains available on the basis of source and destination, booking, cancellation, PNR Status, food services, etc.

This project contains Introduction to the Railways Reservation System It is the computerized system of reserving the seats of train seats in advanced. It is mainly used for long route as well as for short route also. Online reservation has made the process for the reservation of seats very much easier than ever before.

We have created separate logins for the passengers as well as admin, in which the admin login is password protected. The admin panel is password-protected so, the user other than admin will not be able to access the dashboard.

INTRODUCTION:

The whole project is based on a concept to reserve train tickets of various destinations with many other features like food services, accommodation, GPS, PNR status, WIFI, Etc.

Technology has transformed many aspects of life in the 21st century. Now a days many of the people are preferring this online type activities (like online shopping, online transactions, online booking etc.). So, we think this project may be some how useful to all.

Now coming to our project which is already mentioned above that the user can book the railway ticket through online. They are many advantages and features on ERTB (Electronic Railway Ticket Booking). In this the entire rights are given to the admin (like adding, modifying and cancellation and can know the information about all the trains they required.

This project may use concept of file handling to store the booking data. Cancelling the ticket is a main feature of this project. And moreover, we may have displayed the menu of view information, book the ticket, cancel the ticket, admin, and exit. So, finally we are expecting that the project is more useful for society.

OBJECTIVE:

The objective of our project is to develop a system which will serve as a medium for peoples to book a ticket to travel through railways. The main goal is to ease the process of ticket booking by avoiding the hectic process to stand in a queue and book the ticket. This project intends to improve the railway administration system, which will be useful for both authorities and passengers.

SYSTEM REQUIREMENT SPECIFICATIONS:

SOFTWARE REQUIREMENTS:

Language used: C

Operating System: Windows 7 Or Windows 10

HARDWARE REQUIREMENTS:

Hard Disk: 512 GB (Minimum)

Processor: Intel-i3 (Minimum)