

Lab- Friday

Group-20

Slot-11B

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PROBLEM STATEMENT

The Problem Statement is to design a Railway reservation system which allows user to create an account and retrieve the information regarding trains, fare ,reservations ,cancellations,concessions.

INTRODUCTION

An **railways reservation system** is part of the so-called passenger service systems, which are applications supporting the direct contact with the passenger. This is a project on railway reservation system. Which

aims at providing information to the passengers regarding their train reservation, cancellation, concession.

DESIGN PRINCIPLE

The application has to have a strong file management system along with a set of functions so as to make a user friendly interface in which various tasks can be performed such as modification ,transaction ,deletion (cancellation),addition etc. of details.

We tried to create a basic interface which is at a small level .

IMPLEMENTATION

1. There are two modes in this project – the administrator mode and the user mode.
2. In Admin mode, you can create detail database, add details, display details, perform user management functions and display passenger details.
3. In the user mode, you can create id database, add details and display details.
4. . The password is “myproject”. If you enter the wrong password, it displays the message – “You are not permitted to login.”
5. we in our program have created different files for reservation,cancellation, comprising user account number ,
6. File handling
For this purpose,we have used fstream ,ofstream,ifstream classes is also done in order to maintain the records entered and modified later.
7. using switch cases we have tried to carry forward the appropriate steps which are required. Be it a user or an admin the program provides the options to choose which makes it user-friendly.

BASIC CONCEPTS USED

- Structures
- Pointers
- File handling
- String comparisons
- Some other basic concepts

Enter your choice

- Now user has to choose an option and go through the following sections depend upon the choice

- user has to enter train number and following text will be displayed on screen
- 1.Train name
- 2.Boarding point
- 3.destination point
- 4.fare
- If user wants to choose reservation option then following text will be displayed on screen and user has to respond to the text
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- Enter the details as follows
- 1.train name
- (Respond) train name
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- 2.Boarding point
- (Respond) boarding point
-
- 3.Destination point
- (Respond) destination point
-
- 4.Now details for passengers (name)
- (Respond) passenger name
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- 9. concession category following options will be displayed
- a.Military
- b.Senior citizen
- c.Children below 5 yrs
- d.None
- Choose option to which concession category user belong's to
- If user wants to choose Cancellation option then following text will be displayed on screen and user has to respond to the text
- Enter the details as follows.
- 2. Train number
- 3. Train name
- 4. Boarding point
- 5. Destination point
- Then it will display YOUR CANCELLATION WAS SUCCESSFUL

