RAILWAYS TICKET RESERVATION

Overview

The Railway Ticket Booking System is a C++ application that enables users to reserve, check, search for, and cancel train tickets. It offers a user-friendly platform for travelers to effectively handle their train bookings.

Features

- ❖ **Book Ticket**: Passengers can enter their details and book a ticket, which generates a random seat number and PNR.
- ❖ **View Tickets**: Displays all booked tickets stored in a file.
- ❖ **Search by PNR**: Allows users to find a ticket by entering its PNR.
- ❖ **Search by Train Number**: Lists all booked tickets for a specific train.
- ❖ **Cancel Ticket**: Users can cancel a ticket by providing the PNR and journey time. Tickets cannot be canceled within 6 hours of the journey.

Technologies Used

- C++, File Handling (to store and retrieve ticket details)

How to Use

1. Run the program and select an option from the menu.
2. Follow the prompts to book, view, search, or cancel a ticket.
3. The system stores ticket details in a file (`tickets.txt`).
4. Ticket cancellation is restricted within 6 hours of journey time.

File Storage

All ticket details are stored in `tickets.txt` in the following format:

PNR | Name | Age | Train Number | Source | Destination | Seat Number | Berth

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