Railway Ticket Booking System – Console Based Project   **Total Marks:100**

Overview

This system is designed to computerize railway ticket booking.
It supports Admin, Booking Clerk, and Passenger roles, each with different permissions.

1. Admin (40 Marks)

- View all bookings and transactions – 5 Marks

- Filter bookings by train – 5 Marks

- Filter bookings by passenger – 5 Marks

- Filter bookings by date – 5 Marks

- View bookings within a date range – 5 Marks

- Add train details (Train No, Name, Source, Destination, Seats, Fare) – 5 Marks

- Update train details – 5 Marks

- Delete train details – 5 Marks

2. Booking Clerk (20 Marks)

- Book a ticket for a passenger – 5 Marks

- Update booking (change seat/class/date) – 5 Marks

- Cancel a booking – 5 Marks

- Issue receipt/confirmation – 5 Marks

3. Passenger (20 Marks)

- View profile – 5 Marks

- Edit profile – 5 Marks

- Search trains (by source, destination, date) – 5 Marks

- View personal booking history – 5 Marks

4. Common Features (20 Marks)

- User Registration – 5 Marks

- User Login (role-based access) – 5 Marks

- Input Validation (dates, passenger details, seat availability) – 5 Marks

- Display PNR / Booking ID generation – 5 Marks