**Java Project: Train Ticket Booking System**

**1) Booking Process**

* **Step 1:** **Select a Class**
  + **Sleeper**
  + **3AC**
  + **2AC**
  + **1AC**
* **Step 2:** **Select Quota**
  + Senior Citizen
  + Female
  + Other Special Quotas
* **Step 3:** **Select Station**
  + Departure Station
  + Destination Station
* **Step 4:** **Choose a Train**
  + List of available trains for selected route
* **Step 5:** **Choose Journey Date**
  + Date of travel selection

**2) Price of Ticket According to Class**

* **3AC**: Air-conditioned sleeper class with three-tier bunks.
  + Price Range: ₹800 - ₹1,500
* **2AC**: Air-conditioned class with two-tier berths.
  + Price Range: ₹1,500 - ₹2,500
* **1AC**: The highest class of travel with fully air-conditioned private cabins for better privacy.
  + Price Range: ₹3,500 - ₹5,000
* **Non-AC (Sleeper)**: Sleeper Class is the most economical for long-distance travel with non-air-conditioned coaches.
  + Price Range: ₹200 - ₹500

**3) Payment Method**

* **Step 1:** Check the **Booking Details** before confirming the ticket.
* **Step 2:** Once everything is correct, proceed with payment.
* **Choose Payment Method:**
  + Credit/Debit Card
  + Net Banking
  + UPI
  + Wallets (Google Pay, Paytm, etc.)

**4) Input from User**

* **Personal Information:**
  + Name
  + Age
  + Mobile Number / Email
  + Number of Passengers
* **Confirmation:**  
  A confirmation message or email with booking details, including the **PNR number**.
  + From Station (departure station)
  + To Station (destination station)

**5) Cancellation/Modification (Optional)**

* **Inputs:**
  + PNR Number
  + Reason for Cancellation
* **Cancellation Process:**
  + Validate cancellation conditions (time before departure, refund policies).
  + If eligible, cancel the booking and process a refund.
* **Modification Process:**
  + If modification is allowed, update the ticket details (change of train, date, etc.).

**6) Select Train and Passengers at the Station**

* Select the train and number of passengers when the user arrives at the station.
* Seat preferences (e.g., window seat, upper berth, etc.) can be selected at this point.

~ Akash R. Kamaliya