Movie Ticket booking requirements

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Language Used: C

Movie Ticket booking applications enables a user to select available seats for a movie at a particular screen

Assumptions:

Inox releases Kantara movie in 3 screens. First screen seating capacity is 150, second and third screen has seatings of 120 each. In each screen, seats are divided into different class i.e. VIP, GOLD and SILVER.

Screen Number	Total Seats	VIP	GOLD	SILVER
1	150	30	80	40
2	120	20	60	40
3	120	20	60	40

Price:

VIP: 300/-;

GOLD: 200/-;

SILVER: 150/-

Features:

- User can choose **screen number** and find the number of vacant seats available in VIP, GOLD and SILVER for particular **screen number**
- User is able to view already booked seats for particular **screen number**
- User then chooses the **seating Class** and **seat numbers** and system should respond by assigning the seats if available and generate the ticket.
- User can cancel booking and the **seat number** should be available for other users