Use Cases

* When a user enters a valid id but incorrect password, the system throws an error showing “invalid/incorrect password”. Same way, if a user enters an id that is not already in the database, it throws an error that “id not found, please check id or sign up”.
* When the user enters the date and time of the show he wants to buy a ticket for, but the show is houseful, the system should print a message saying “This show is houseful” and prompts the user to enter other day and time.
* The user must add a valid day and time, if the date and time are before or after the real show, it throws an error showing “invalid argument” and prompts the user to enter the valid date and time again.
* The user, when reserving seats, must enter valid row and its corresponding seat number. If the user enters invalid ticket row or seat number, the system throws an error “invalid seat” and prompts the user to enter the seat number again.
* If a seat is not available from a number of seats user wants to buy, the system does not reserve any ticket and shows a message that this particular seat is not available and prompts the user to enter all the seats he wants to buy.
* The system must produce unique confirmation number in the receipt of each transaction.
* When cancelling or removing a seat, the system must show the booked seats of the particular user and throw an error if the user enters a different seat from the booked seats.