1. Use Case: Sign-Up for a new account

Step	User's Action	System's Response
1.		The system prompts the following initial menu: Sign [U]p Sign [I]n E[X]it
2.	The user inputs a U	
3.		The system asks for user ID and password
4.	The user types a username and password	
5.		The system ensures that the username is unique and creates a new user

2. Use Case: Sign-in to your account

Step	User's Action	System's Response
1.		The system prompts the following initial menu: Sign [U]p Sign [I]n E[X]it
2.	The user inputs an I	
3.		The system asks for user ID and password
4.	The user types their username and password	
5.		The system checks the validity of the user id and password and a transaction begins

Variation #1:
1. In step 3, the user enters a non-existing user id or an invalid password.
2. The system presents an error message: "The username does not exist or the password does not match the username."
3. Continue to step 2.

3. Use case: Make a reservation

Step	User's Action	System's Response
1.	The user carries out **Sign In**	
2.		The system prompts the transaction menu: [R]eserve [V]iew [C]ancel [O]ut
3.	The user inputs R	
4.		The system prompts the user to enter the date and time of the desired show
5.	The user enters the desired date and time	
6.		The system displays the list of all available seats for the requested show
7.	The user enters the seat numbers of their desired seats	
8.		The system asks if the user wants to make another reservation or confirm the reservation session
9.	The user confirms reservation session	
10.		The system saves all the reservations made in that session by adding the selected seats to an arrayList temporaryReservations
11.		The system prompts the transaction menu: [R]eserve [V]iew [C]ancel [O]ut

Variation #1:
1. In step 7, the user attempts to reserve an unavailable seat.
2. The system prompts an error message asking for another seat.
3. Continue to step 7.

Variation #2:
1. In step 9, the user wants to make another reservation
2. Continue to step 4.

4. Use Case: View a reservation

Step	User's Action	System's Response
1.	The user carries out **Sign In**	
2.	The user inputs I	
3.		The system displays all reservations made as well as each reservation sorted by date. Reservations are displayed in the order of date and then time

5. Use Case: Cancel a reservation

Step	User's Action	System's Response
1.	The user carries out **Sign In**	
2.	The user inputs C	
3.		The system asks for the date and time of the show
4.	The user types the date and time of the show	
5.		The system displays all the seat numbers of the show reserved for the user
6.	The user types the seat numbers they want to cancel	
7.		The system removes the seats from the arrayList temporaryReservations
8.		The system prompts the transaction menu: [R]eserve [V]iew [C]ancel [O]ut

6. Use Case: Sign-out of account

Step	User's Action	System's Response
1.	The user carries out **Sign In**	
2.	The user inputs O	
3.		The transaction mode ends and the system displays a receipt for the transaction
4.		The system prompts the initial menu again: Sign [U]p Sign [I]n E[X]it

7. Use Case: Exit the program

Step	User's Action	System's Response
1.	The user inputs E	
2.		The system copies the valid reservations of all registered users from the arrayList temporaryReservations to a file called 'reservations.txt'.