

Sign Up:

Step	User's Action	System's Response
1	Enters letter U	
2		Requests user to enter a username
3	User enters username	
4		Checks to make sure username is available
5		If available, requests user to enter a password
6	User enters password	
7		Return to menu

Variation #1:

1. If Username is not available, system responds by requesting user to enter another username that may be available
2. Once user enters a username that is available, continue to step 5

Sign In:

Step	User's Action	System's Response
1	Enters letter I	
2		Requests user to enter username
3	User enters Username	
4		If username exists, system requests to enter a password
5	User enters password	
6		System verifies that username and password matches

7		System outputs: “Welcome User!” with user being the username.
8		System enters TheatreReservationMenu

Variation #1:

1. User enters incorrect/non-existent username. System requests for user to re-enter the username
2. Once the correct username is inputted, continue with step 4.

Variation #2:

1. User enters incorrect password. System requests for user to re-enter the password
2. Once the correct password is inputted, continue with step 7

Reserve:

Step	User's Action	System's Response
1	Enters letter R from TheatreReservationMenu	
2		Requests user to enter date of show
3	Enters date of show	
4		Validates entered date is a date show is playing. Then requests for time of show
5	Enters time of show	
6		Validates entered time is the time of a show. Then displays a list of all available seats for requested show
7	User enters the seats they want	
8		Asks user if they want to make another reservation or to confirm reservation
9	User enters that they want to confirm reservation	
10		System saves reservation to

		“reservation.txt” then returns to TheatreReservationMenu
--	--	--

Variation #1:

1. User enters invalid date of show
2. System will request user to enter date of show again

Variation #2:

1. User enters invalid time of show
2. System will request user to enter time of show again

Variation #3:

1. If user chooses to make another reservation at step 9, cycle back to step 2
2. Once user wants to confirm reservation then continue to step 10

View:

Step	User's Action	System's Response
1	Enters letter V	
2		Displays user's reservation sorted by date then by time
3		Returns back to TheatreReservationMenu

Cancel:

Step	User's Action	System's Response
1	Enters letter C	
2		Requests for user to input date of show
3	User inputs date of show	
4		Validates if there is a show on the inputted date. If so request for time of show

5	User inputs time of show	
6		Validates if there is a show on the inputted time.
7		Display all seats reserved by user for that show
8	User selects the seat number(s) they request to cancel	
9		Remove the reservations from "reservations.txt"
10		Return to TheatreReservationMenu

Variation #1:

1. User inputs invalid date/time of show
2. System requests for user to input a valid date/time of show

Variation #2:

1. User inputs a seat that they did not reserve
2. System requests for user to input a seat(s) they reserved.