

Use case

1. Account creation

| | | |
|---|---------------------|--|
| 1 | User types u | |
| 2 | User types username | |
| 3 | User types password | |
| 4 | | System adds user to system Has to check if unique |

2. Sign in

a.

| | | |
|---|---------------------|-------------------------------|
| 1 | User types i | |
| 2 | | System prompts username |
| 3 | User types username | |
| 4 | | system searches for username, |
| 5 | | Prompts password |
| 6 | User types password | |
| 7 | User logs in | |

b. Failed, wrong pass, not exist

3. Make a reservation

| | | |
|---|---------------------|---------------------------------------|
| 1 | User types r | |
| 2 | | System prompts to enter date and time |
| 3 | User types date and | |

| | | |
|---|-------------------|------------------------------------|
| | time | |
| 4 | | System displays list of open seats |
| 5 | User chooses seat | |
| 6 | | System confirms |
| 7 | | |

B. failed when user chooses unavailable seat, asks to choose another

4. Sign out

| | | |
|---|----------------------|------------------------|
| 1 | User enters i | |
| 2 | | System searches for id |
| 3 | | Prompts password |
| 4 | User enters password | |
| 5 | | System logs user in |
| 6 | User enters o | |
| 7 | | System logs user out |

5. View reservations

| | | |
|---|---------------|---|
| 1 | User enters v | |
| 2 | | System searches for reservations with same user |
| 3 | | System displays reservations |

6. Cancel reservation

| | | |
|---|---------------|-------------------------------|
| 1 | User enters c | |
| 2 | | System asks for date and time |

| | | |
|---|---------------------------|----------------------|
| 3 | User enters date and time | |
| 4 | | System shows seats |
| 5 | User selects seats | |
| 6 | | System removes seats |

7. Print Receipt

| | | |
|---|---------------|---------------------------------------|
| 1 | User enters o | |
| 2 | | System looks for current reservations |
| 3 | | System prints out a receipt |