User Requirement Specification

Reserva

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Contents

Functional Requirements

ID	Name	Priority
FR01	Login	Must
FR02	Manage hotels	Must
FR03	Manage rooms	Must
FR04	Manage members	Must
FR05	Manage Employees	Must
FR06	Reservation	Must
FR07	Manage Activities	Must

Non-functional Requirements

ID	NAME	PRIORITY
NFR01	Quality	Must
NFR02	Maintainability	Must
NFR03	Security	Must
NFR04	Scalability	Must

Use cases

UC01 FR01 – User login into desktop application

Actor: employee

pre-condition: employee has an active account

Main Success Scenario:

1. Actor opens application.
2. System requests login credentials.
3. Actor provides credentials.
4. System validates credentials.
5. System redirects to main menu.
6. End of MSS

Extensions:

4a. Actor provided wrong credentials.
     1. System displays error message.
     2. Return to MSS Step 3

UC02 FR02 – Creating a hotel.

Actor: Employee

Pre-condition: Organizer is logged in to system and is at hotel overview.

Main Succes Scenario:

1. Actor selects add hotel option.
2. System displays hotel creation view.
3. Actor fills in details of hotel and select options.
4. System processes information.
5. End of MSS

Extensions:

4a: Missing required field.

    .1 system displays error message.
    .2 return to MSS step 3.

UC03 FR02 – Modifying existing hotel.

Actor: Employee

Pre-condition: Be logged in and have already created hotel(s)

Main Succes Scenario:

1. Actor selects edit on chosen hotel.
2. System displays hotel edit form.
3. Actor makes necessary changes.
4. Actor save changes.
5. System saves changes made to hotel.
6. End of MSS

Extensions:

4a: Missing required field

.1 System displays error message.
.2 Return to MSS step 3.

UC04   FR03– Adding rooms to hotel.

Actor: Employee

Pre-condition: Be logged in and be at hotel room management form.

Main Succes Scenario:

1. Actor selects add room option.
2. System displays add room form.
3. Actor fills in details.
4. Actor selects confirm.
5. System adds room to hotel.
6. End of MSS

Extensions:

4a: Missing required field

.1 System displays error message.
.2 Return to MSS step 3.

UC05   FR03 – Removing rooms from hotel.

Actor: Employee

Pre-condition: Be logged in and be at hotel room management form.

Main Succes Scenario:

1. Actor selects remove room option.
2. System removes room from hotel.
3. End of MSS

Extensions:

1a: No room selected

    .1   System displays error message.

    .2   End of use case.

UC06 FR03– Modifying a room.

Actor: Employee

Pre-condition: Be logged in and be at hotel room management form.

Main Succes Scenario:

1. Actor selects edit room option.
2. System displays edit room form.
3. Actor makes desired changes.
4. System saves changes made to hotel.
5. End of MSS

Extensions:

4a: Missing required field.

    .1   System displays error message.

    .2   Return to MSS step 3.

UC07 FR04 – Create member account.

Actor: Guest

Pre-condition: Be on web application.

Main Succes Scenario:

1. Actor navigates to register page.
2. System displays register page.
3. Actor fills in personal details.
4. System adds new member.
5. End of MSS

Extensions:

4a: Email already in use.

    .1   Display error message.

    .2   Return to MSS step 3.

4b: missing required field.

    .1   Display error message.

.2   Return to MSS step 3.

UC08 FR04 – Edit member account.

Actor: Member

Pre-condition: Be logged in to web application.

Main Succes Scenario:

1. Actor navigates to account page.
2. System displays account page.
3. Actor selects edit account option.
4. System displays edit account page.
5. Actor makes desired changes.
6. System saves changes to member.
7. End of MSS

Extensions:

6a: Missing required fields.

.1   Display error message.
.2   Return to MSS step 5.

UC09 FR04 – Deleting Member Account.

Actor: Member

Pre-condition: Be logged in to web application.

Main Succes Scenario:

1. Actor navigates to account page.
2. System displays account page.
3. Actor selects remove account option.
4. System displays confirmation box.
5. Actor confirms.
6. System saves account delete request.
7. End of MSS.

UC10 FR05 – Adding new employee.

Actor: HR.

Pre-condition: Be logged in to desktop application.

Main Succes Scenario:

1. Actor navigates to employee form.

2. System shows employee form.
3. Actor navigates to add new employee form.
4. System shows add new employee form.
5. Actor fills in employee details.
6. Actor selects confirm.
7. System adds employee.
8. End of MSS.

Extensions:

7a: Missing required fields.

    .1   Display error message.
    .2   Return to MSS step 5.

7b: Email already in use.

    .1   Display error message.
    .2   Return to MSS step 5.

UC11   FR05 – Remove employee.

Actor: HR

Pre-condition: Be logged in to web application.

Main Succes Scenario:

8. Actor navigates to employee view.
9. System displays employee form.
10. Actor Selects desired employee.
11. Actor selects remove employee option.
12. System removes employee.
13. End of MSS

Extensions:

5a: No employee selected.

    .3   Display error message.
    .4   Return to MSS step 3.

UC12   FR05 – Edit employee.

Actor: HR

Pre-condition: Be logged in to web application.

Main Succes Scenario:

1. Actor navigates to employee view.
2. System displays employee form.

3. Actor Selects desired employee.
4. Actor selects edit employee option.
5. System displays employee edit form.
6. Actor makes desired changes.
7. System saves changes to employee.
8. End of MSS

Extensions:

7a: Missing required fields.

.1 Display error message.
.2 Return to MSS step 6.

UC13 FR06 – Reserving a room.

Actor: Member

Pre-condition: Be at hotels view page.

Main Succes Scenario:

1. Actor selects desired hotel.
2. System displays hotel information.
3. Actor selects desired rooms from available options.
4. System displays booking information.
5. Actor confirms booking.
6. System saves reservation.
7. End of MSS

Extensions:

4a: Actor is logged in

.1 Proceed to MSS step 4.

4b: Actor is not logged in

.1 Go to UC01
.2 Proceed to MSS step 4.

UC14 FR06 – View a reservation.

Actor: Member

Pre-condition: Be logged in to web application.

Main Succes Scenario:

1. Actor navigates to account page.
2. System displays account information.
3. Actor selects desired reservation.

4. System displays reservation information.
5. End of MSS

UC15   FR06 – Cancelling reservation.

Actor: Member

Pre-condition: Be logged in to web application.

Main Succes Scenario:

9. Actor navigates to account page.
10. System displays account information.
11. Actor selects desired reservation.
12. System displays reservation information.
13. Actor cancels reservation.
14. System saves cancelation request.
15. End of MSS

Extensions:

4a: Reservation start date is already active.

.3   Display error message.
.4   End of MSS

UC16   FR06 – Confirming reservation cancelation request.

Actor: Employee

Pre-condition: Be logged in to desktop application.

Main Succes Scenario:

1. Actor navigates to cancelation requests.
2. System displays cancelation request form.
3. Actor selects confirm on desired request.
4. System saves request status.
5. End of MSS