

# User Requirement Specification

Reserva

TIMOTHY THIJSEN

## Contents

Reserva.....	1
Functional Requirements.....	3
Non-functional Requirements.....	3
Use cases.....	4
UC01    FR01 – User login into desktop application .....	4
UC02    FR02 – Creating a hotel.....	4
UC03    FR02 – Modifying existing hotel.....	4
UC04    FR03– Adding rooms to hotel. ....	5
UC05    FR03 – Removing rooms from hotel.....	5
UC06    FR03– Modifying a room. ....	6
UC07    FR04 – Create member account.....	6
UC08    FR04 – Edit member account.....	7
UC09    FR04 – Deleting Member Account. ....	7
UC10    FR05 – Adding new employee.....	7
UC11    FR05 – Remove employee. ....	8
UC12    FR05 – Edit employee.....	8
UC13    FR06 – Reserving a room. ....	9
UC14    FR06 – View a reservation. ....	9
UC15    FR06 – Cancelling reservation.....	10
UC16    FR06 – Confirming reservation cancelation request. ....	10

## Functional Requirements

ID	Name	Priority
FR01	Login	Must
FR02	Tools for management of hotels	Must
FR03	Management of rooms	Must
FR04	Member account management	Must
FR05	Management tool for Employees	Must
FR06	Booking and cancelling 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:*

4. 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 Success 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:*

- 4: 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 Success Scenario:*

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

*Extensions:*

4: 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:*

4: 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:*

1: 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:*

4: 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:*

6: 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 Success Scenario:*

1. Actor navigates to employee view.
2. System displays employee form.
3. Actor Selects desired employee.
4. Actor selects remove employee option.
5. System removes employee.
6. End of MSS

*Extensions:*

5: No employee selected.

- .1 Display error message.
- .2 Return to MSS step 3.

UC12 FR05 – Edit employee.

Actor: HR

Pre-condition: Be logged in to web application.

*Main Success 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:*

7: 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:*

1. Actor navigates to account page.
2. System displays account information.
3. Actor selects desired reservation.
4. System displays reservation information.
5. Actor cancels reservation.
6. System saves cancelation request.
7. End of MSS

*Extensions:*

4: 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