Software Engineering CS 455

Use-Case Specification: Scheduling Tool- User Maintain Reservations

Version 1.3

Revision History

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| --- | --- | --- | --- |
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| 04/03/2018 | 1.1 | Modifications to the flows | Bella Martinez, Lee Beadle |
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# Maintain Reservations

## Brief Description

This use-case describes the reservation functionality of the scheduling application.

# Flow of Events

## Basic Flow-Make a Reservation

#### The user selects a room.

#### The user inputs the required data fields:

#### Reserving For email

#### Room Type filter

#### Reservation duration

#### Start Time

#### End Time

#### Recurring filter

#### Allow Room Sharing option

#### The user inputs any possible comments.

#### The user selects the button labeled Reserve with the specified room.

#### If successful, the system notifies the user with a successful message.

## Alternative Flows

### Quick Reservation

1. The user selects the Month View tab.
2. The user selects a room.
3. The user chooses a day of the month on the calendar.
4. The system displays a modal that will display any active reservations on that day and the option to quick reserve. If the user wishes to quick reserve, the user must input the following data:
   1. Duration start time
   2. Duration end time
   3. Reserving For email
5. The user also has the option to include any comments.
6. The user selects the Quick Reserve button.
7. The system displays a confirmation message.
8. The user selects the Book it! Button.

### Remove Reservation

1. The user selects the My Reservations tab.
2. The system displays the user’s current reservations with the options to edit or delete reservations.
3. The user selects Remove.
4. The system displays a message asking the user to confirm the removal, and the user confirms.
5. If successful, the system displays the removal confirmation.

### Update Reservation

1. The user selects the My Reservations tab.
2. The system displays the user’s current reservations with the options to edit or delete reservations.
3. The user selects Edit.
4. The user changes bookings and submits the changes.
5. If successful, the system notifies the user with a successful message.

# Special Requirements

## The system is connected to the University of North Alabama WiFi.

# Preconditions

## The user has a valid UNA email address and password.

## The user has successfully logged in to the system.

# Postconditions

## Depending on the flows implemented, the database reflects the changes made.