Software Engineering CS 455

Use-Case Specification: Scheduling Tool – Admin Maintain Rooms

Version 1.0

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 03/14/2018 | 1.0 | Initial Creation | Bella Martinez, Lee Beadle |
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Table of Contents

1. Maintain Rooms 4

1.1 Brief Description 4

2. Flow of Events 4

2.1 Basic Flow-Change Room Details 4

2.2 Alternative Flows 4

2.2.1 Edit User Reservation by room 4

2.2.2 Remove Reservation by room 4

3. Special Requirements 5

3.1 The system is connected to the University of North Alabama WiFi. 5

4. Preconditions 5

4.1 The user has a valid UNA email address and password. 5

4.2 The user has administrative privileges. 5

5. Postconditions 5

5.1 Depending on the flows implemented, the database reflects the changes made. 5

Use-Case Specification: Scheduling Tool

# Maintain Rooms

## Brief Description

This use-case describes the room management functionality of the scheduling application.

# Flow of Events

## Basic Flow-Change Room Details

#### The user logs in to the system.

#### The user selects the Settings tab and then the Room Settings tab.

#### The user inputs the room to be edited.

#### The system returns the room with the details allowed to be changed as well as any current bookings in this room.

#### The user has the option to edit the following fields:

1. New room number
2. Type filter
3. New floor number
4. Seats
5. Number of computers
6. The system returns a successful message once the user selects the save changes button.

## Alternative Flows

### Edit User Reservation by room

#### The user logs in to the system.

#### The user selects the settings tab and then the User Settings tab.

#### The user inputs the required email that will have bookings changed.

#### The user changes bookings and submits the changes.

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

### Remove Reservation by room

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

# 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 administrative privileges.

# Postconditions

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