Use case description

# Use case description 1

## Use case

Booking a room

## Author/Date

Group 21 – 11/03/22 18/03/22

## Actors involved

Users

University

Library

Staff

## Purpose

To allow the user to book room

## Requirements

Capability to book rooms in the library

Search bar to search for specific room

Calendar to select date and time for room

Pictures of rooms - birds eye view, of the room, how it looks upon entrance. etc

Live feed on rooms availability to be booked including projected available times

Accessibility (variable website font sizes, filters/text for people who are colour blind etc…)

Filter tags to sort rooms

Room recommendations

Database to store user data, including booking records and university accounts

Better navigation design

## Priority

Critical

## Typical flow of events

Enter website and log in

Utilise the search bar to find available rooms

Select the desired time and duration

Confirm booking

## Alternative flow of events

### 1 – Utilise notification to get a booking that was recently cancelled

Notification appears and alerts user of cancellation

User clicks on notification to book room

Confirm booking

# Use case description 2

## Use case

Cancelling a room booking

## Author/Date

Group 21 – 11/03/22 18/03/22

## Actors involved

Users

University

Library

Staff

## Purpose

To cancel a room booking

## Requirements

Live feed on rooms availability to be booked including projected available times

Automatic cancel and rebook if the user wish to change their room

Time prompt to make sure user is using the room and auto cancel booking if no longer in use

Database to store user data, including booking records and university accounts

Better navigation design

## Priority

Critical

## Typical flow of events

Enter website and log in

Select your booking and cancel it

Confirm cancellation

## Alternative flow of events

### 1 – Auto cancellation of booking if room not in use

Prompt appears

User selects no on prompt meaning room not in use

Confirm cancellation

Booking is cancelled by system automatically

# Use case description 3

## Use case

Maintenance

## Author/Date

Group 21 – 11/03/22 18/03/22

## Actors involved

Technician

Library

University

Staff

## Purpose

To check if the site is broken

## Requirements

Server keeping logs on booking status

Database to store user data, including booking records and university accounts

Better navigation design

## Priority

Nice to have

## Flow of events

Check if site is broken

Technician does anything that needs fixing

Technicians inform university that maintenance is complete

## Alternative flow of events

### 1 – An error in the system is detected

Technician is informed of an error in the system

Technician fixes error in system

Technicians inform university that errors were fixed