

# Room Booking System

Individual project in the course Graphical Interfaces

Name of System

Bookings

Make Booking

My Pages

Settings

Recurrent booking: ☒ Once ☐ Monthly ☐ Weekly ☐ Daily

Date: Start (2018/11/02) End (YYYY/MM/DD) Time: (13) : (15) - (17) : (00)

Seats: (20) Amount of rooms: (1) Minimum distance between rooms: (500) meters

Course (TDA493) Status: ☒ Final ☐ Preliminary Activity: (Lecture)

Filters

Campus (x1) Equipment (Select) Type of room (Select)

Floor: (1) Elevator: ☐ Yes ☒ No Key: ☐ Yes ☒ No

Sort by (Select) Room name: Clear Filters

Similar suggestions

Result

Jupiter221

Floor 2 in Jupiter at Lindholmen

Lecture room with whiteboard and projector

30 seats

Book

Jupiter221

Floor 2 in Jupiter at Lindholmen

Lecture room with whiteboard and projector

30 seats

Request to book

Jupiter221

Floor 2 in Jupiter at Lindholmen

Lecture room with whiteboard and projector

30 seats

Book

Jupiter221

Floor 2 in Jupiter at Lindholmen

Lecture room with whiteboard and projector

30 seats

Book

Jupiter221

Floor 2 in Jupiter at Lindholmen

Lecture room with whiteboard and projector

30 seats

Book

Jupiter221

Floor 2 in Jupiter at Lindholmen

Lecture room with whiteboard and projector

30 seats

Book

Jupiter221

Floor 2 in Jupiter at Lindholmen

Lecture room with whiteboard and projector

30 seats

Book

Name of System

Bookings

Make Booking

My Pages

Room Jupiter221 booked November 2nd 2018, 10:15-12:00.

Seats: (2) Amount of rooms: (1) Minimum distance between rooms: (500) meters

Course (TDA493) Status: ☒ Final ☐ Preliminary Activity: (Lecture)Floor: (1) Elevator: ☐ Yes ☒ No Key: ☐ Yes ☒ No

Sort by (Select) Room name: Clear Filters

Similar suggestions

Result

Jupiter221

Floor 2 in Jupiter at Lindholmen

Lecture room with whiteboard and projector

30 seats

Book

Jupiter221

Floor 2 in Jupiter at Lindholmen

Lecture room with whiteboard and projector

30 seats

Book

Jupiter221

Floor 2 in Jupiter at Lindholmen

Lecture room with whiteboard and projector

30 seats

Book

Jupiter221

Floor 2 in Jupiter at Lindholmen

Lecture room with whiteboard and projector

30 seats

Book

Jupiter221

Floor 2 in Jupiter at Lindholmen

Lecture room with whiteboard and projector

30 seats

Book

Jupiter221

Floor 2 in Jupiter at Lindholmen

Lecture room with whiteboard and projector

30 seats

Book

Jupiter221

Floor 2 in Jupiter at Lindholmen

Lecture room with whiteboard and projector

30 seats

Book

## What I did

- Ideation
- Low fidelity prototype
- High fidelity prototype in Sketch
- Present design

# Task

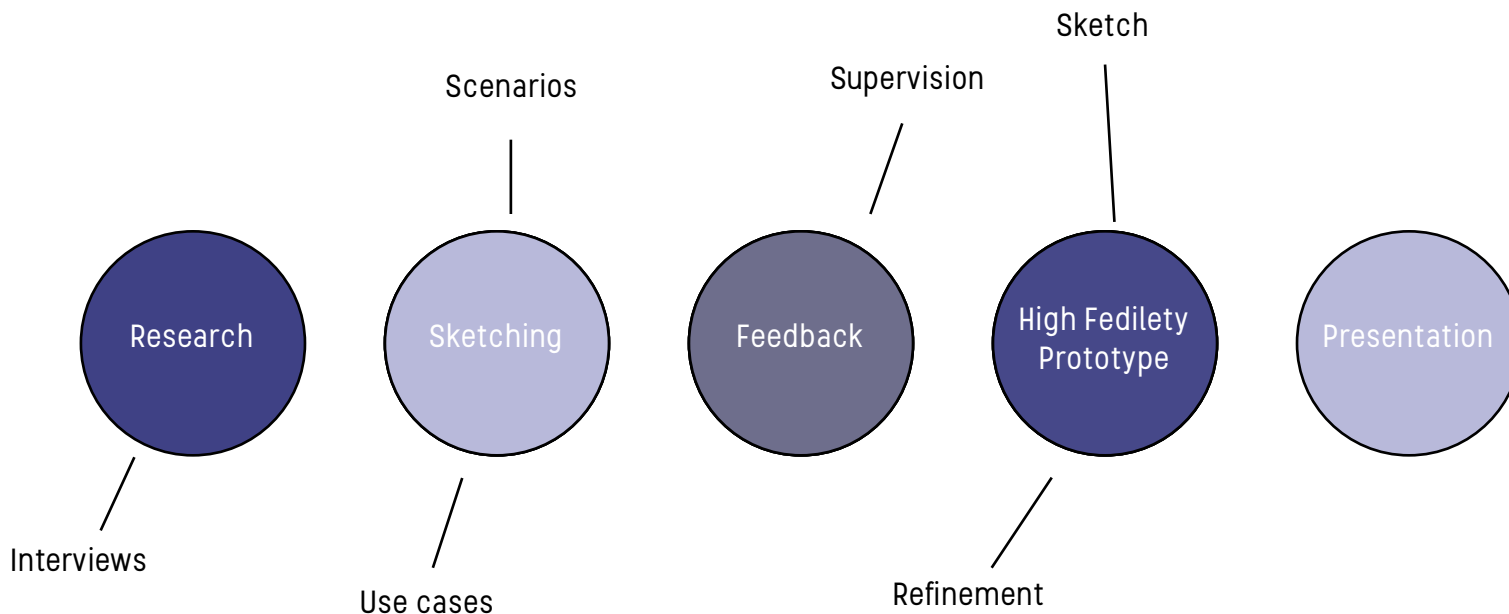
This is a school project where the task was to design a room booking system for a university. There are two versions, one for the teachers and one for the students. These two versions have different functionalities.

For this project, there are a few requirements that the system needs to contain. A few of these requirements are the following:

- Smart filtering
- Book a group of rooms at the same time
- Find the user's own bookings

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# Process



# Key insights

- Read the requirements carefully to make sure everything is in the system
- Sketch mote on paper and specify the flow better before going digital

## Result

To book a room the user has to fill out the settings to choose a date, time and minimum amount of seats. There are some differences between the teacher and a student, for example, a student cannot do a recurrent booking or book several rooms at the same time.

To book a room the user can click the book button for the wanted room and a banner will show for a few seconds as confirmation that the room is booked.

The sketches illustrate the initial booking interface. The top version shows a basic form with date, time, and seat selection. The bottom version adds a recurrent booking option and a confirmation button.

This detailed wireframe shows the confirmation and suggestion part of the booking process. A confirmation banner at the top states: "Room Jupiter221 booked November 2nd 2018, 10:15-12:00." Below this, a "Similar suggestions" section displays a grid of room cards. Each card includes a placeholder image, the room name "Jupiter221", its location "Floor 2 in Jupiter at Lindholmen", and a "Book" button.

# Result

The user can see its bookings both in a calendar view and in a grid view. In these views, the user can edit and delete bookings.

Name of System

BookingsMake BookingMy P

Date: YYYYMMDDTime: 00:00 - 00:00

Seats: 2Status: Final Preliminary

Course: SelectActivity: Select

Campus: SelectEquipment: SelectType of room: Select

Floor: SelectElevator: Yes NoKey: Yes No

Sort by: SelectSearch: Clear Filters

Recently DeletedList or calendar view

Your preliminary bookings

High

Floor 2 in Kuggen at Lindholmen  
10:15-12:00  
3 November 2018  
Exercise

Confirm

High

Floor 2 in Kuggen at Lindholmen  
10:15-12:00  
3 November 2018  
Exercise

Confirm

High

Floor 2 in Kuggen at Lind  
10:15-12:00  
3 November 2018  
Exercise

Confirm

Your bookings

High

Floor 2 in Kuggen at Lindholmen  
10:15-12:00  
3 November 2018  
Exercise

High (Req)

Floor 2 in Kuggen at Lindholmen  
10:15-12:00  
3 November 2018  
Exercise

High

Floor  
10:15-12:00  
3 Nov  
Exerc

All bookings

High

High

Hi

Name of System

BookingsMake BookingMy Pages

Date: YYYYMMDDTime: 00:00 - 00:00

Seats: 2Status: Final Preliminary

Course: SelectActivity: Select

Campus: SelectEquipment: SelectType of room: Select

Floor: SelectElevator: Yes NoKey: Yes No

Sort by: SelectSearch: Clear Filters

Recently DeletedList or calendar view

Calendar

June 2019

Mon Tue Wed Thu Fri Sat Sun

1 2 3 4 5 6 7

8 9 10 11 12 13 14

15 16 17 18 19 20 21

22 23 24 25 26 27 28

29 30 1 2 3 4 5

07:00

08:00

09:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

High - Kuggen

Low - Kugge

Low - Kugge

TDA49 TDA4 TDA49

3 93 3

High - Kuggen

TDA493

thommy@chalmers.se

Teacher's bookings

Student's bookings

Name of System

BookingsMake BookingMy Pages

Date: YYYYMMDDTime: 00:00 - 00:00

Seats: 2Status: Final Preliminary

Course: SelectActivity: Select

Campus: SelectEquipment: SelectType of room: Select

Floor: SelectElevator: Yes NoKey: Yes No

Sort by: SelectSearch: Clear Filters

Recently DeletedList or calendar view

Calendar

June 2019

Mon Tue Wed Thu Fri Sat Sun

1 2 3 4 5 6 7

8 9 10 11 12 13 14

15 16 17 18 19 20 21

22 23 24 25 26 27 28

29 30 1 2 3 4 5

07:00

08:00

09:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

High - Kuggen

Low - Kugge

Low - Kugge

TDA49 TDA4 TDA49

3 93 3

High in Kuggen at Lindholmen  
15:00-19:00 Friday 19 June  
Exercise

High - Kuggen

TDA493

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Teacher's bookings

Student's bookings