

Room Booking System

Individual project in the course Graphical Interfaces

The interface consists of a top navigation bar with 'Name of System', 'Bookings', 'Make Booking', and 'My Pages'. Below this is a 'Settings' section with options for recurrent booking (Once, Monthly, Weekly, Daily), date and time selection, and search filters (Campus, Equipment, Type of room, Floor, Elevator, Key, Sort by, Room name). A 'Similar suggestions' section is also present. The main 'Result' section displays a grid of room listings for 'Jupiter221', each with a 'Book' button. The foreground screenshot shows a confirmation modal for booking 'Room Jupiter221' on 'November 2nd 2018, 10:15-12:00'. It includes the same search filters and a 'Book' button.

What I did

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

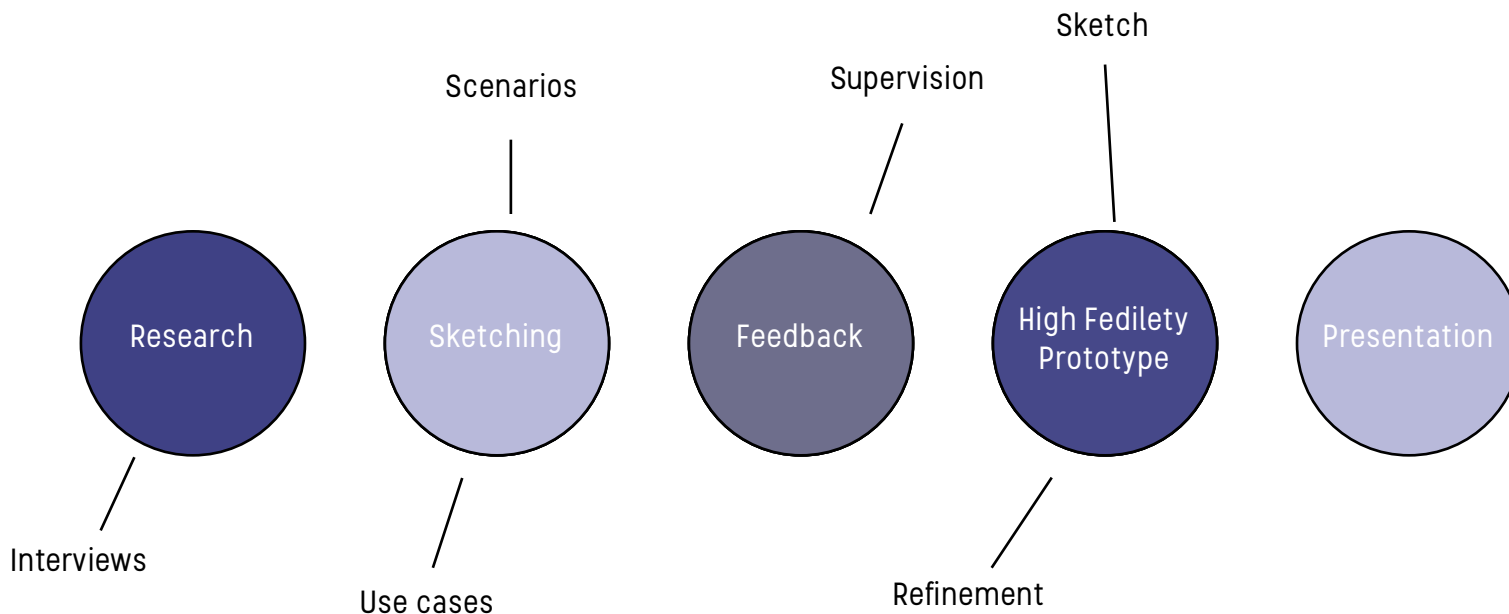
Task

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

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

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

The sketches illustrate the initial design of the room booking system. The top wireframe shows a header with 'Name of System' and navigation tabs: 'Bookings', 'Make Booking', and 'My Pages'. Below the header is a 'Settings' section with fields for 'Date' (YYYYMMDD), 'Time' (HH:MM), 'Seats' (2), 'Status' (Final, Preliminary), and 'Filters' (Campus, Equipment, Type of room, Sort by). The bottom wireframe shows a similar interface but with a 'Recurrent booking' section (Once, Monthly, Weekly, Daily) and a 'Fill out time, date, activity and course to see available rooms' button.

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 detailed wireframe shows the room booking system interface. It features a header with 'Name of System' and navigation tabs: 'Bookings', 'Make Booking', and 'My Pages'. Below the header is a banner indicating a room booking: 'Room Jupiter221 booked November 2nd 2018, 10:15-12:00.' The main section is titled 'Similar suggestions' and displays a grid of room cards. Each card shows a room name (Jupiter221), 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

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Teacher's bookings

Student's bookings

High - Kuggen

Low - Kugge

Low - Kugge

TDA49

TDA4

TDA49

3

93

3

High - Kuggen

TDA493

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 >

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29	30	1	2	3	4	5

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Teacher's bookings

Student's bookings

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