deti — universidade de aveiro
departamento de eletrónica, telecomunicações e informática

CoworkClub

Work **where**, **when** and **how** you want.

*Requirement analysis and prototyping of a coworking spaces aggregator for the subject of **System Analysis**.*
Presented on: 25th May 2022, at P6.
Group: David Araújo 93444, Daniel Capitão 75943, Filipe Costa 77548 and Samuel Teixeira 103325.
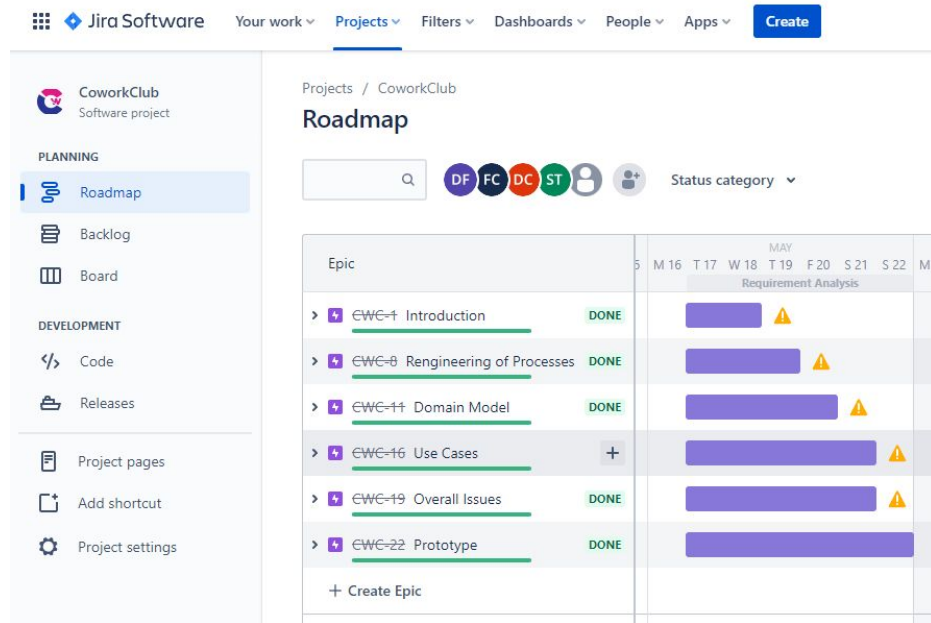
Introduction

- ❏ Strategies of requirement gathering

- ❏ **New** work **processes**.

- ❏ **Domain** concepts.

- ❏ **Use case prototyping**.

- ❏ Overall **issues**.
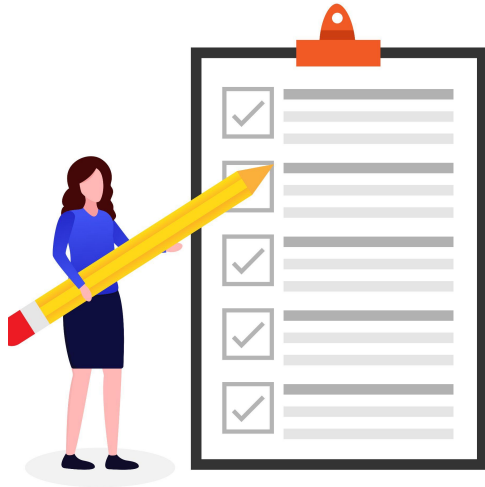
Strategies & Methodology

Main goals and **structure requirements**.

1. **Brainstorming** sessions;

2. Study of **analogous** systems.

Informal **review** process.

Non-Functional Requirements

❏ **Usability**;

❏ **Performance**;

❏ **Support** & **Technical**.

Usability

10 **Usability Heuristics** by **Jakob Nielsen**.

- ❏ **Color** pallet;

- ❏ **Pre-filtered** searches;

- ❏ **Minimalistic** design;

- ❏ Constant **visibility** .

Performance

- ❏ **Concurrent** users volume;

- ❏ **Large** spaces **database**;
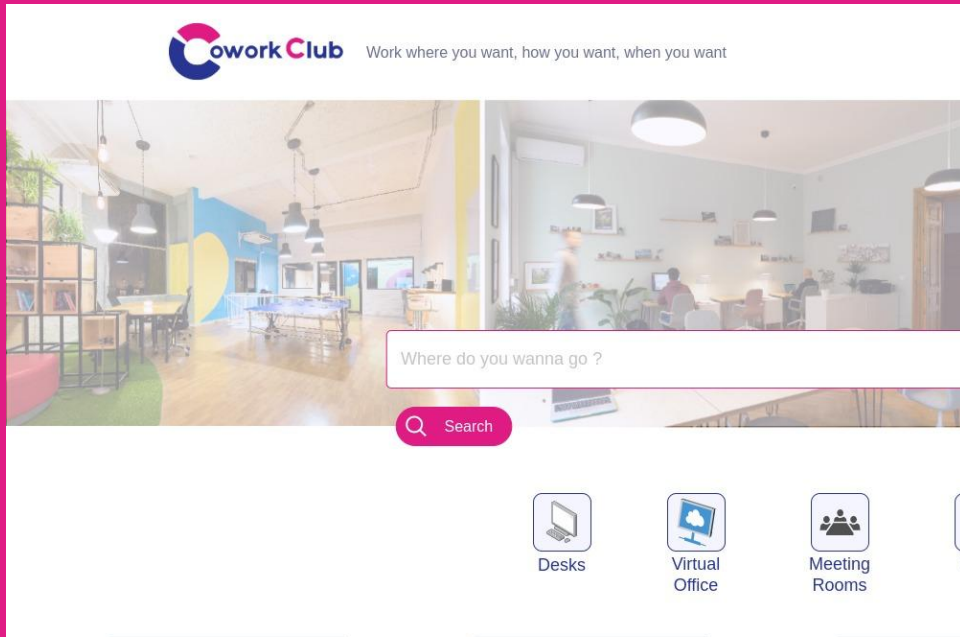
- ❏ **Real-time** user's preferences **recording**.

Support & Technical

- ❏ Accessible via **mobile** and **non-mobile** devices;

- ❏ PWA framework;

Use Cases

Booking Process - **User side** perspective

1. Search;

2. Select;

3. Observer & Evaluate;

4. Chose;

5. Book & Pay.

User & **CoworkClub**

- ❏ Search;
- ❏ Filtration;
- ❏ Profiling.

Space Provider & CoworkClub

- ❏ Update calendars;
- ❏ Study of user trends;
- ❏ New spaces.

User, Provider & **CoworkClub**

- ❏ Booking alteration;
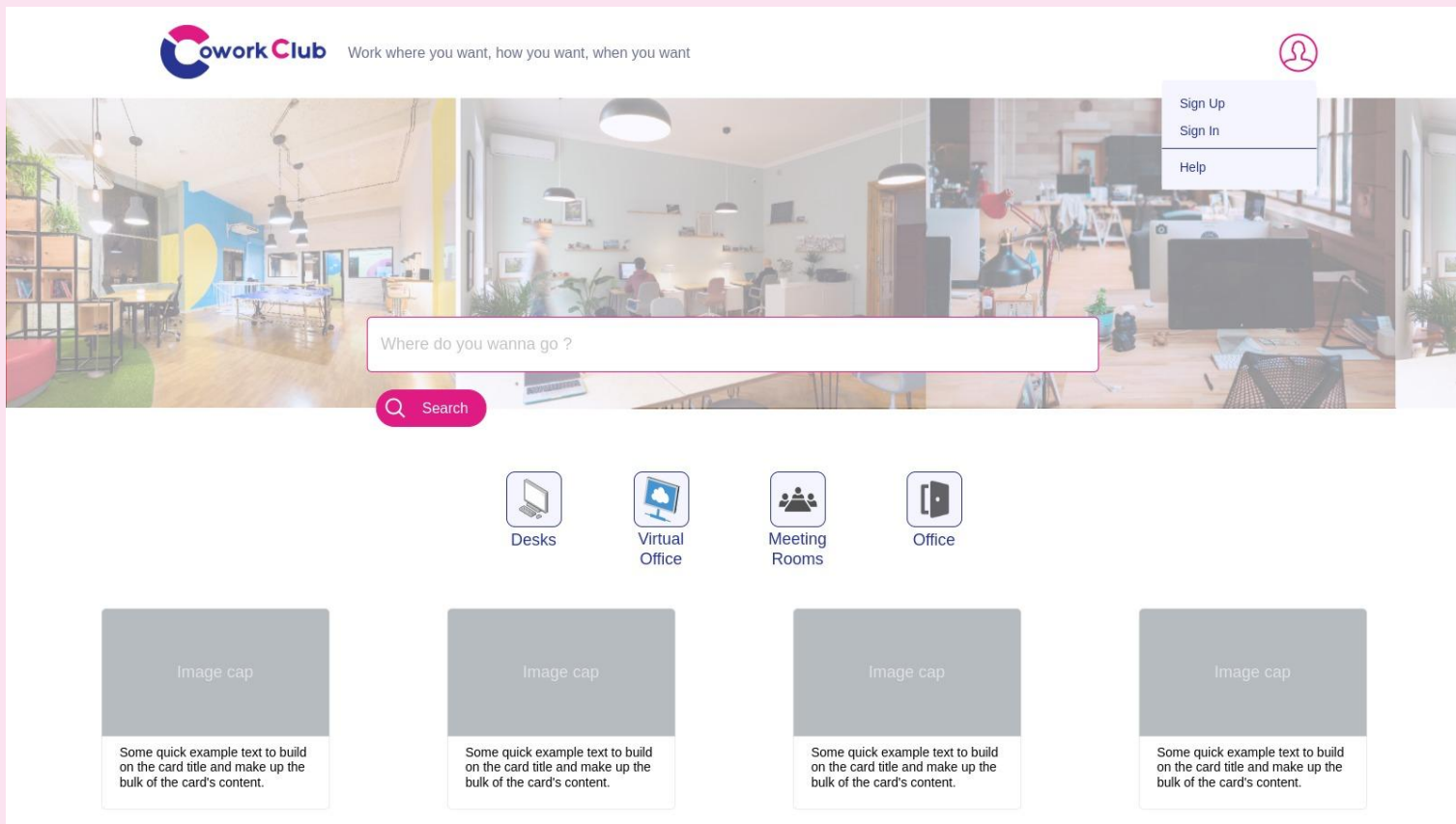- ❏ Reviews;
- ❏ Notification and alerts;

Home

Search bar:

❏ Location;
❏ Name;
❏ Office.

Pre-filtered searches.

Spaces **highlights**

Cowork **C**lub

Work where you want, how you want, when you want

Sign Up
Sign In

Help

Where do you wanna go ?

Search

Desks

Virtual Office

Meeting Rooms

Office

Image cap

Some quick example text to build on the card title and make up the bulk of the card's content.

Image cap

Some quick example text to build on the card title and make up the bulk of the card's content.

Image cap

Some quick example text to build on the card title and make up the bulk of the card's content.

Image cap

Some quick example text to build on the card title and make up the bulk of the card's content.

Cowork Club

Work where you want, how you want, when you want

Price €0 to €50   Parking   Amenities ▾   Access Hours 00h to 24h   Office Type Hot Desk ☐ Office ☐ Virtual ☐ Desk ☐ Meeting room ☐

Free coffe ☐
Lounge ☐
Skype booth ☐
Heating ☐

⭐ 4.5   Aveiro Work
                    R. 25 de Abril
€15 /day   nº 2, Aveiro

Image cap

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Filter bar:

❏ Price range;
❏ Amenities;
❏ Office type.

Spaces cards

❏ Rating;
❏ Name;
❏ Location;
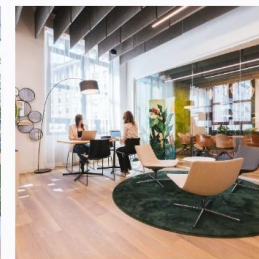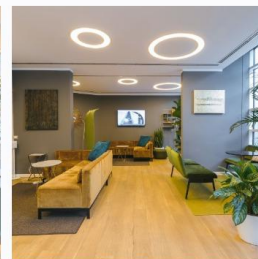❏ Price;
❏ Photo.

Space

Location breadcrumb trail.

Map reference.

Review based **rating**.

Spaces **description**.

Price chart with correlation.

Amenities listing.

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Work where you want, how you want, when you want

Aveiro Work ✔

📍 Rua 25 de Abril, nº 2, Aveiro, 3810-111 Aveiro - <u>View on Map</u>

4.5 / 5 ⭐
Read reviews ▶

Description

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+ See more

🕐 Access Hours	Mon - Fri	Sat	Sun
	09:00 am - 10:00 pm	10:00 am - 05:00 pm	01:00 pm - 07:00 pm

💲 Pricing

Private Office	Hot Desk	Dedicated Desk	Virtual Office

Nº People	Duration	Price	Access Hours
1	1 Day	EUR 15	8h
1	1 Week	EUR 80	24h

💙 Amenities

CHECK-IN
01/08/2022 - 10:00 am
CHECK-OUT
01/08/2022 - 07:00 pm
TEAM SIZE
1 person ▼
OFFICE TYPE
Hot Desk ▼

Book Now

Booking at Aveiro Work

Total of **€80**

Duration: 26/06/2022 to 02/07/2022

Acess: 24h

Office type: Hot Desk

Amenities:
+ Free coffee
+ Access to lounge
+ Skype Both
+ Printer
+ Scanner

Facturation info

John Doe
Rua 1 de Janeiro, nº11
3700-900 Mira, Coimbra

Payment method

AMERICAN EXPRESS ○   PayPal ○   mastercard. ○   VISA ○   DISCOVER ○

Confirm   Go Back

Cowork Club

Work where you want, how you want, when you want

Summary of purchase:

❏ Total **price**;
❏ Access **hours**;
❏ Office **type**;
❏ Amenities **selected**;
❏ Payment **options**;
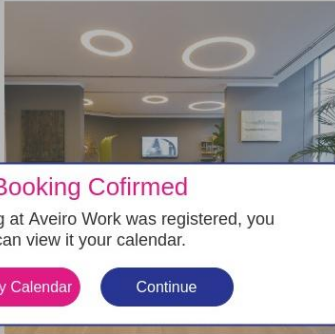
Booking Confirmation

Back to the **space** page with a **modal** warning of a **registration** of the booking.

One can navigate to the **calendar** in order to **view** the registration.

Cowork Club

Work where you want, how you want, when you want

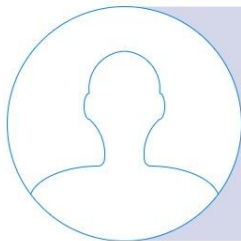World > Portugal > Aveiro > Aveiro

Booking Cofirmed

Your booking at Aveiro Work was registered, you can view it your calendar.

See my Calendar | Continue

Aveiro Work ✔

📍 Rua 25 de Abril, nº 2, Aveiro, 3810-111 Aveiro - View on Map

4.5 / 5 ⭐
Read reviews ▶

Description

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+ See more

CHECK-IN
01/08/2022 - 10:00 am

CHECK-OUT
01/08/2022 - 07:00 pm

TEAM SIZE
1 person ▼

Coworkub Club
Work **where**, **when** and **how** you want

John Doe

About Me
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Eu non diam phasellus vestibulum lorem. Augue ut lectus arcu bibendum at varius vel pharetra vel.

Job Title	Spaces Visited
Software Developer	5

Next Stay
May 26th, Aveiro Work

Personnal Details

Name
John Williams Doe

Email
john_doe@gmail.com

Password
•••••

Address
Rua 1 de Janeiro, nº11
3700-900, Mira, Coimbra

Calendar

June 2022

Mo	Tu	We	Th	Fr	Sa	Su
		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			

Aveiro Work
Check In - 10 am
See more

Here a user can **edit** all the **personal information**.

- ❏ Name;
- ❏ Description;
- ❏ Next stay **warning**.

Calendar

- ❏ **Month** base calendar;
- ❏ Booking day **highlighted**.