



# PORTFOLIO



<b>03</b>	<b>INTRODUCTION</b>
<b>06</b>	<b>WORK</b>
<b>32</b>	<b>CONTACTS</b>

# \*INTRODUCTION





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## INTRODUCTION

VICTOR-  
ALEXANDRU  
URSU  
(2002)  
ROMANIA  
TIMIȘOARA

\*Hello, I'm Victor.

I am a Computer Science graduate with a passion for Web Design, UI/UX Design, Graphic Design, and aesthetics. Started as a passion, I realized that I want to turn it into a profession. I have developed a keen eye for detail and I don't want to stop there.

By the way, I'm a very hobby guy. I can find something mind-catching in various fields. I have worked on a number of projects that highlight my initial vision.\*

# EDUCATION & EXPERIENCES

## EDUCATIONAL PATH

WEST UNIVERSITY OF TIMIȘOARA  
GRADUATE OF COMPUTER SCIENCE IN ENGLISH 2021-2024



NIKOLAUS LENAU HIGH SCHOOL, TIMIȘOARA  
GRADUATE 2017-2021



## SKILLS

- TEAMWORK
- ADAPTABLE
- CREATIVE
- P. SOLVING
- CURIOUS
- COMMUNIACATION
- MOTIVATED
- ASSERTIVE



ROMANIAN



ENGLISH(B2)



GERMAN(B2)

TECHNISCHE UNIVERSITAT WIEN  
STUDENT OF MEDIA & HUMAN-CENTERED COMPUTING 2025-



TIMIȘOARA, RO  
45°45'35"N 21°13'48"E

WORK

WORK

WORK

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**\*WORK**

NOMAD.com  
Home Exchange Platform



01

OCTOBER  
Clothing Brand Store



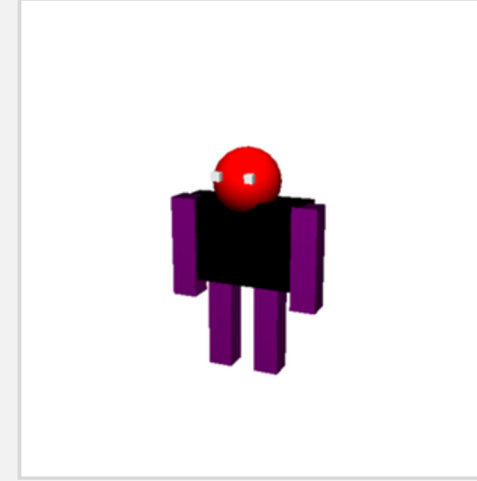
02

AUTOMANIA  
Car Rental App



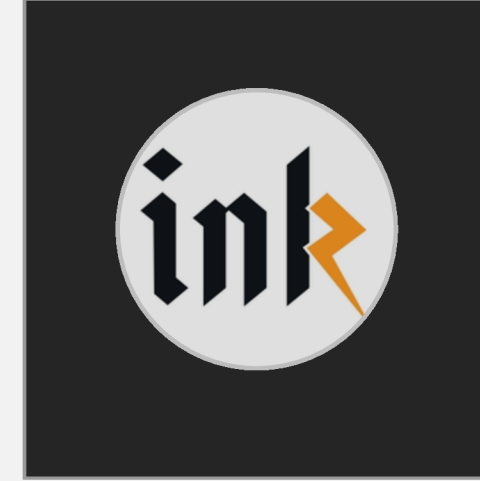
03

OpenGL ROBOT  
Robot Design



04

ELECTRIK INK  
Tattoo & Piercing Shop



05

NUKA CHALET  
House Website



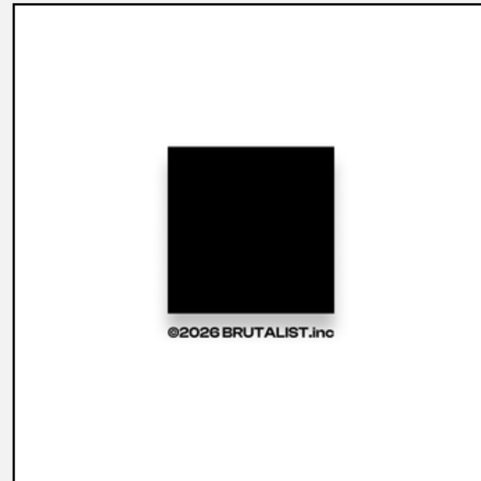
06

theTorch  
Tangible Interaction Design



07

BRUTALIST.inc  
Digital Editorial Platform



08

# GALLERY

## WORKS OVERVIEW

\* In this collection, you will find a mix of projects created by combining programming with practical design. \*

MONGO DB



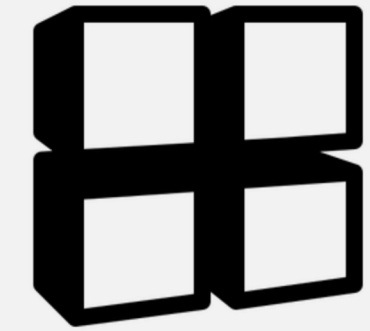
CSS



NODE.JS



CODE::BLOCKS



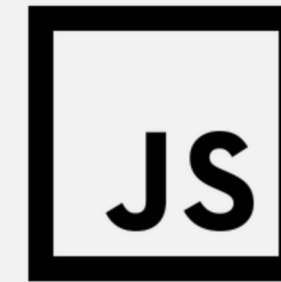
HTML



EXPRESS



JAVASCRIPT



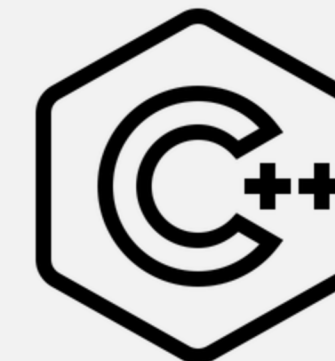
GOOGLE CLOUD



PHP



C++



VS CODE



A NEW TYPE  
OF TRAVELLING



**NOMAD.com**

2024 Project

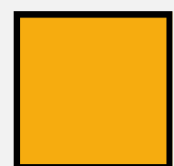
## THE PROJECT

This project, being my Bachelor's degree, focuses on creating NOMAD.com, a web application where users can offer their homes for exchange and find homes in places they wish to visit. This avoids the cost of regular hotels and lets travelers find themselves more deeply in local cultures.

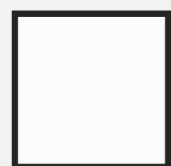
## SKILLS ACQUIRED

- USER INTERFACE & USER EXPERIENCE
- WEBSITE FUNCTIONALITY
- LINKING FRONTEND WITH BACKEND
- API IMPLEMENTATION
- WEBSITE TESTING

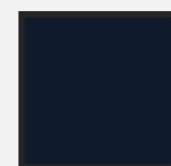
## COLOR PALETTE



#F6AC0F



#FFFFFF



#0F1A2C



#F5F5F5

## PROGRAMS USED



VS CODE



WEBSTORM



NODE.JS



EXPRESS



MONGO DB

GOOGLE  
CLOUD

## TEHNOLOGIES USED



HTML



CSS



JAVASCRIPT

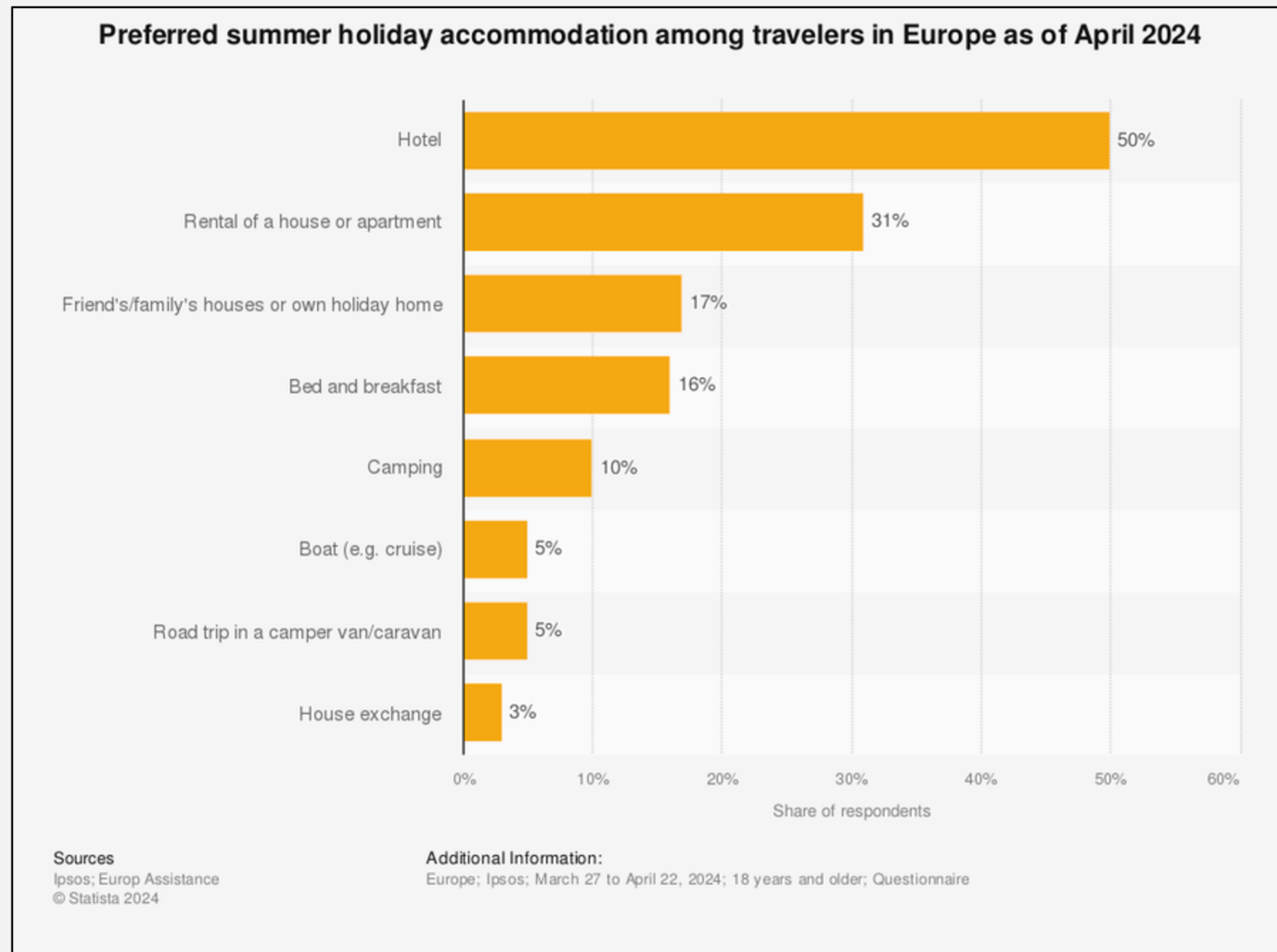
## TESTING PROGRAM USED



POSTMAN

# WHY NOMAD.COM?

BACHELOR'S DEGREE



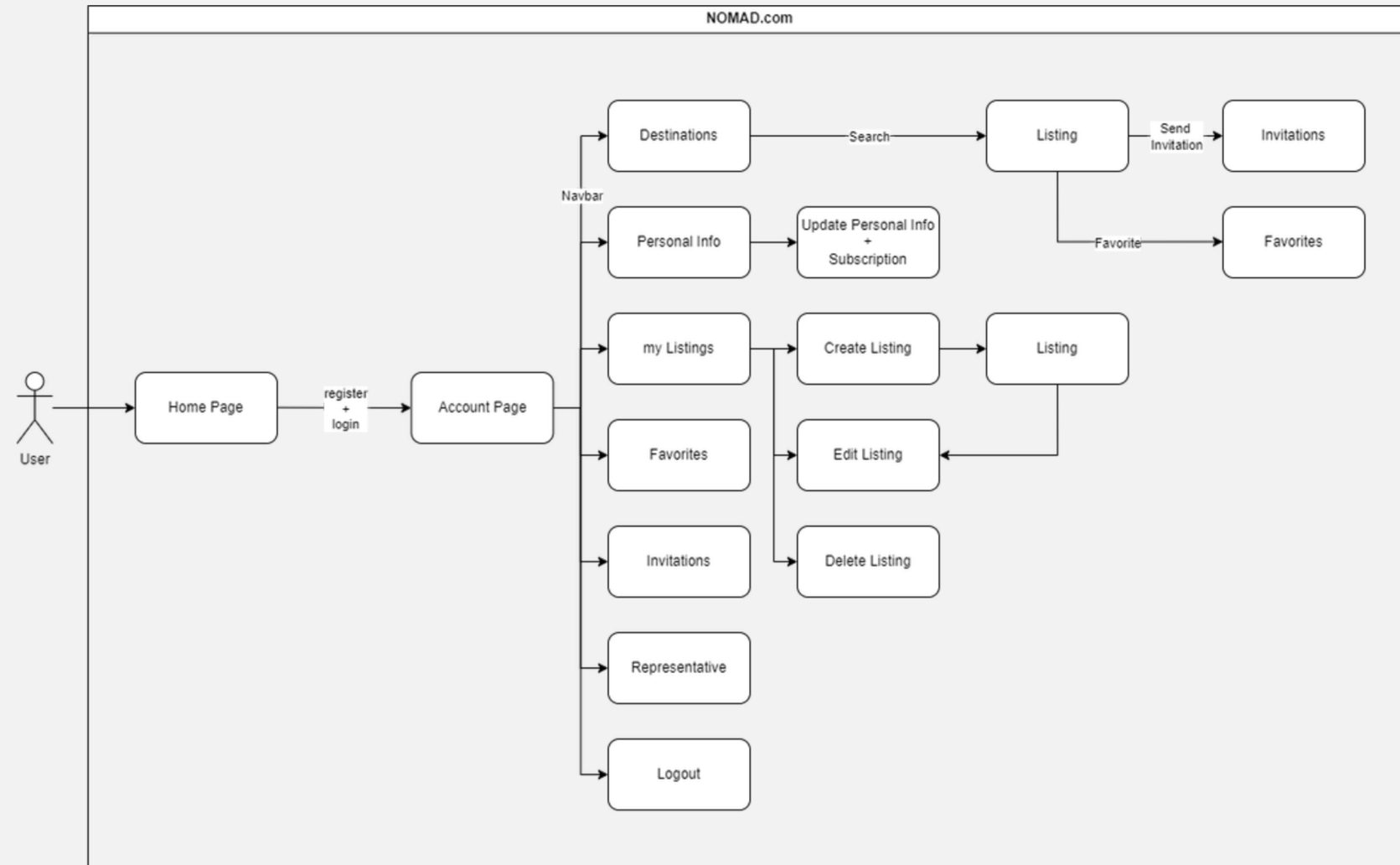
Preferred summer holiday accommodation among travelers in Europe as of April 2024.

Many current home exchange websites have several drawbacks, such as poor user interface design, inconsistent security measures, and minimal community engagement. For instance, platforms like HomeExchange and Intervac Home Exchange offer a vast selection of homes but suffer from outdated interfaces and lack robust search options. Even Airbnb's recent addition of a swap feature still leans towards a commercial approach rather than fostering a community-centric home exchange system.

## MY AIM

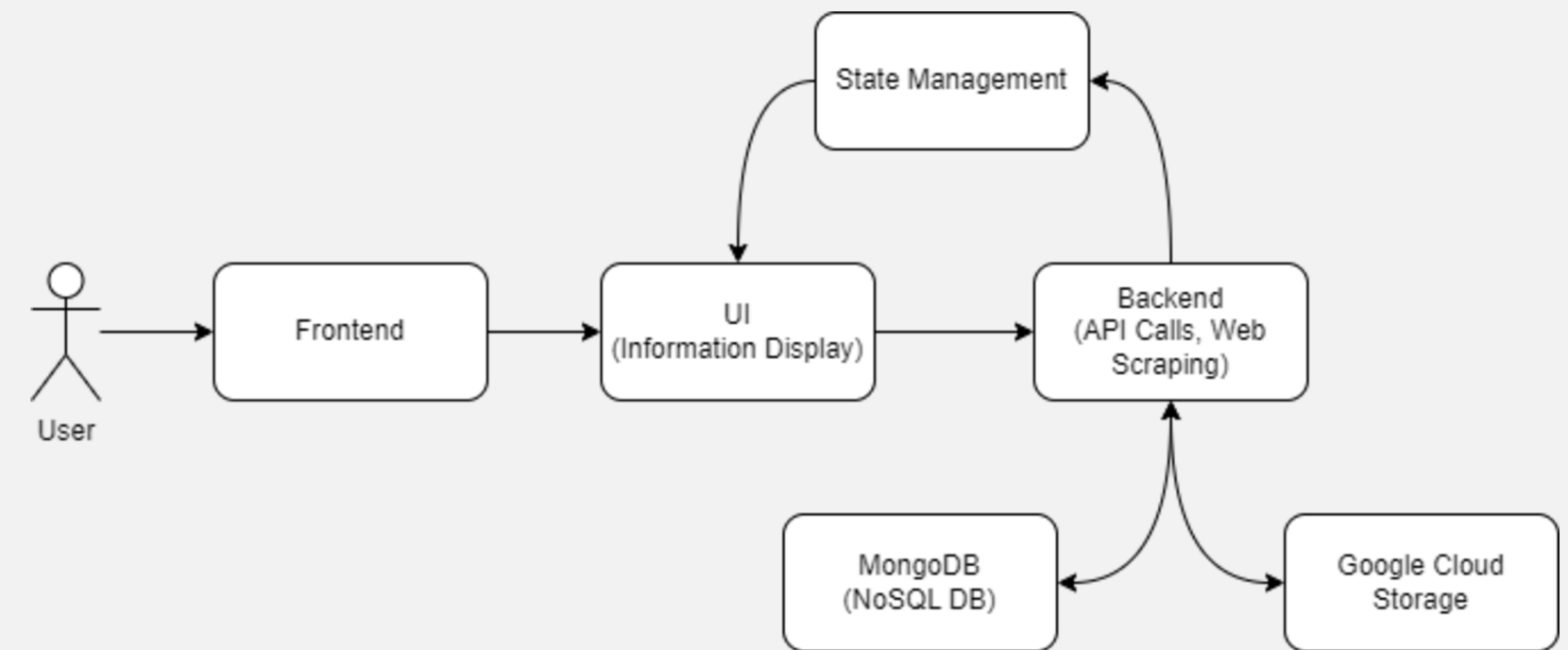
The solution of this project will involve in developing a website that people can register with and list homes and provide search facilities, coupled with an explicit mechanism to confirm exchanges and a more modern look that can attract users.

# DIAGRAM

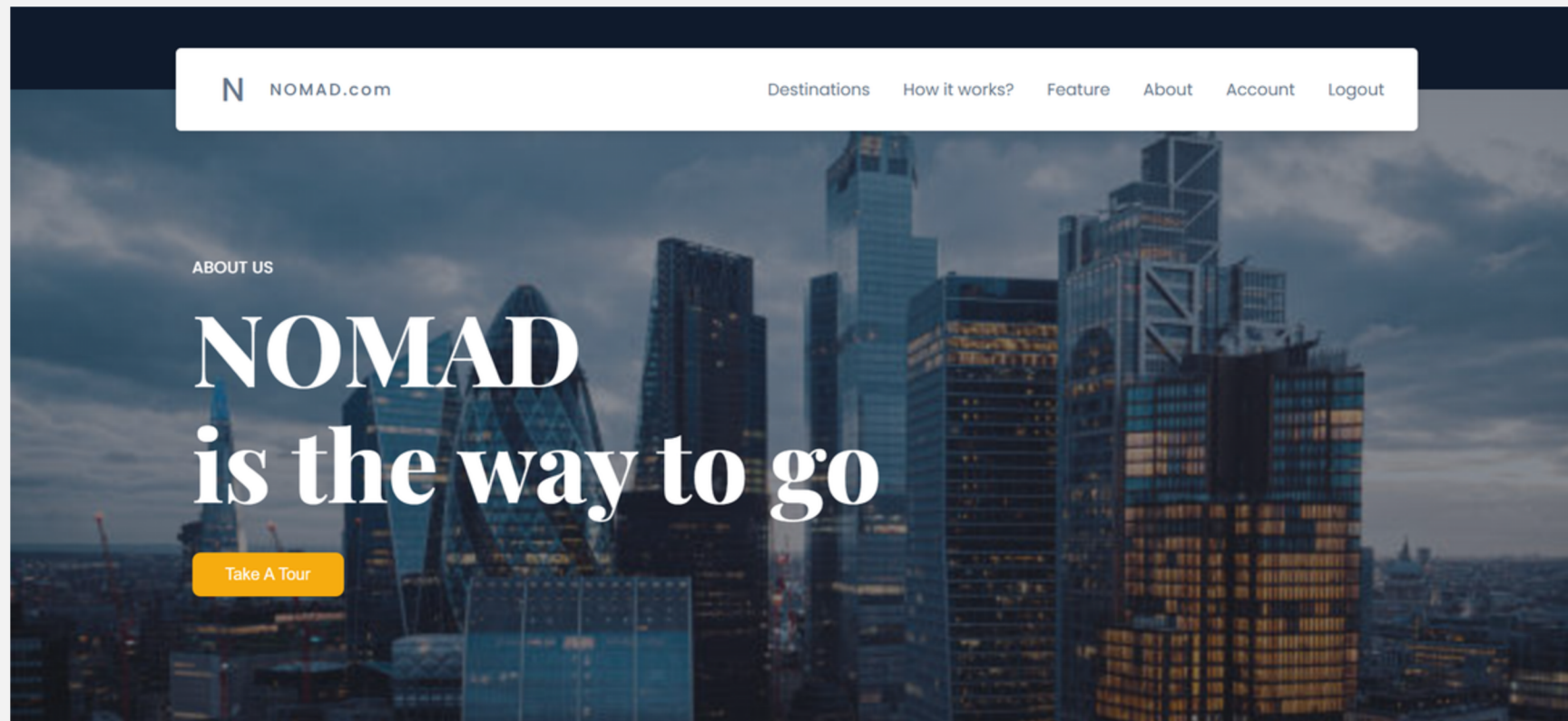


This FLOWCHART of the platform forms a detailed user journey and explains the significant functionalities of NOMAD.com.

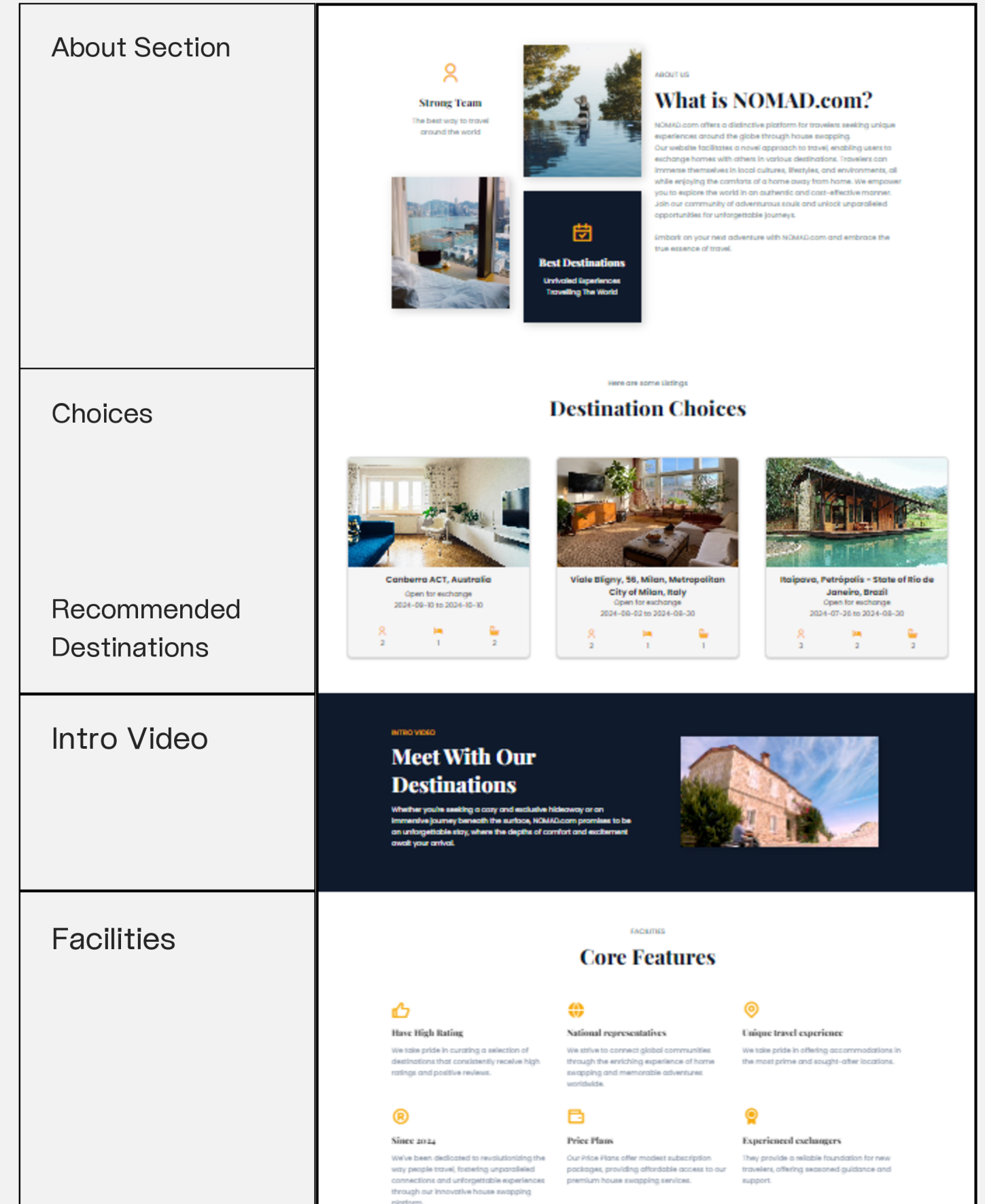
# DIAGRAM



This SYSTEM ARCHITECTURE DIAGRAM shows the overall structural design of the platform. It contains most of the significant components.



The HOME PAGE features a navigation bar at the top, followed by a section for featured destinations, an about section, and a presentation of the core features of the application. Clear navigation links guide users to other parts of the site.



About Section

**Strong Team**  
The best way to travel around the world

**Best Destinations**  
Unfolded Experiences Travelling The World

**What is NOMAD.com?**  
NOMAD.com offers a distinctive platform for travelers seeking unique experiences around the globe through house swapping. Our website facilitates a novel approach to travel, enabling users to exchange homes with others in various destinations. Travelers can immerse themselves in local cultures, lifestyles, and environments, all while enjoying the comforts of a home away from home. We empower you to explore the world in an authentic and cost-effective manner. Join our community of adventurous souls and unlock unparalleled opportunities for unforgettable journeys. Embark on your next adventure with NOMAD.com and embrace the true essence of travel.

Choices

Here are some listings

**Destination Choices**

- Canberra ACT, Australia**  
Open for exchange 2024-05-10 to 2024-10-10
- Viale Bligny, 56, Milan, Metropolitan City of Milan, Italy**  
Open for exchange 2024-06-02 to 2024-08-30
- Itaipava, Petrópolis - State of Rio de Janeiro, Brazil**  
Open for exchange 2024-07-20 to 2024-08-30

Recommended Destinations

Intro Video

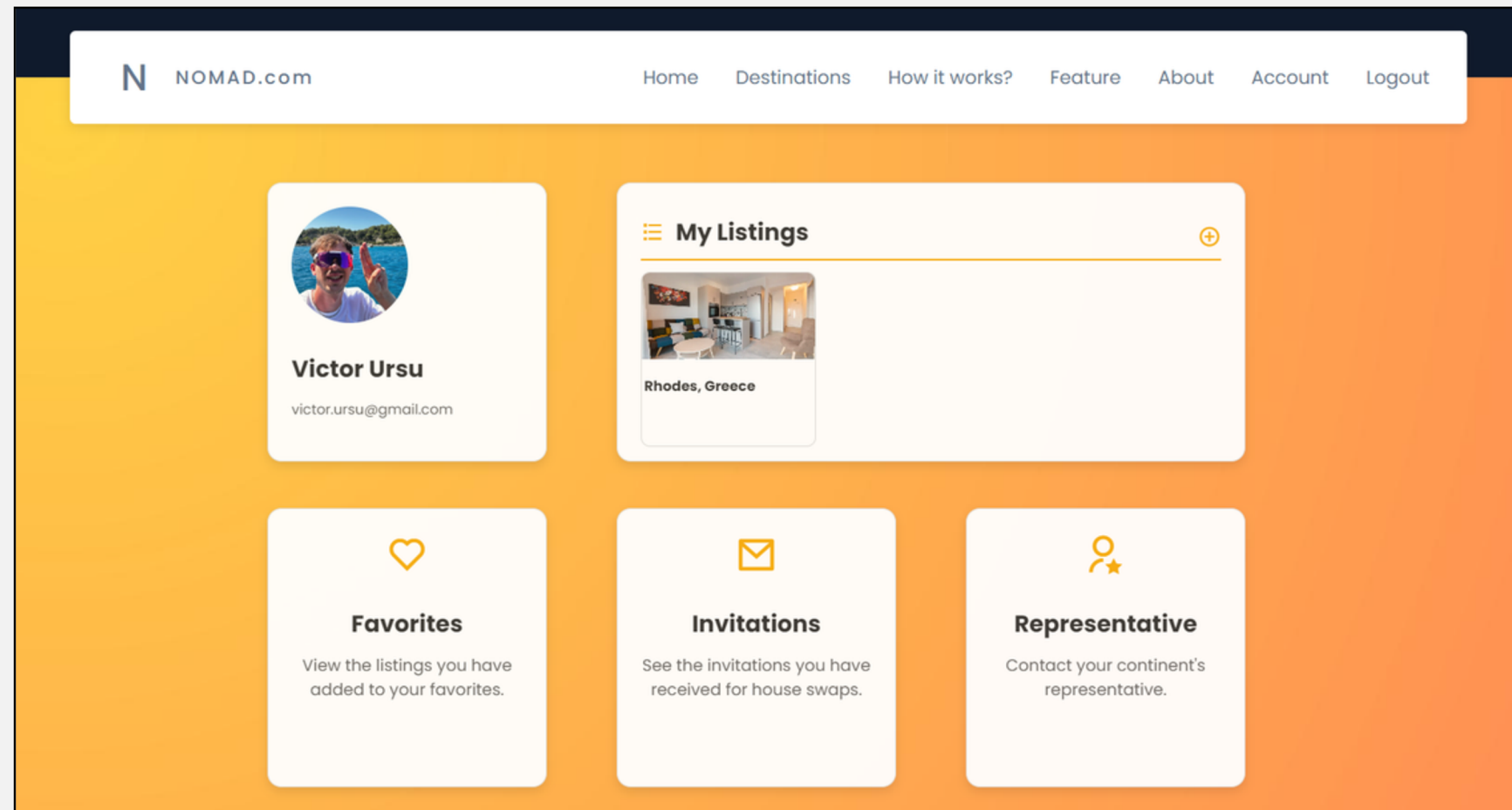
**Meet With Our Destinations**

Whether you're seeking a cozy and exclusive getaway or an immersive journey beneath the surface, NOMAD.com promises to be an unforgettable stay, where the depth of comfort and excitement await your arrival.

Facilities

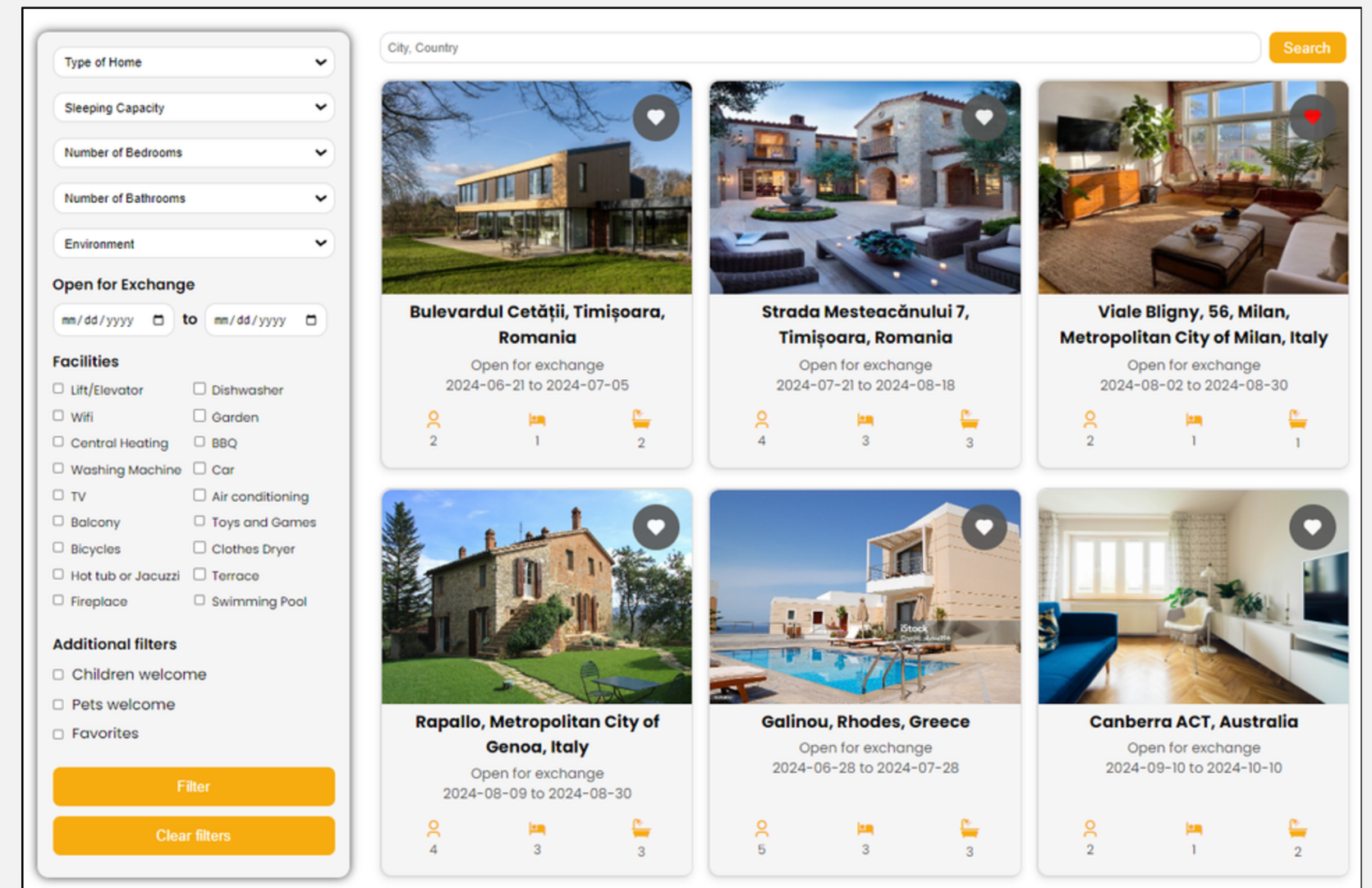
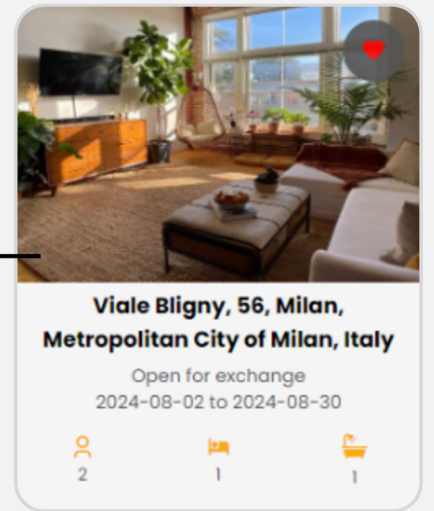
**Core Features**

- Have High Rating**  
We take pride in curating a selection of destinations that consistently receive high ratings and positive reviews.
- National representatives**  
We strive to connect global communities through the enriching experience of home swapping and memorable adventures worldwide.
- Unique travel experience**  
We take pride in offering accommodations in the most prime and sought-after locations.
- Since 2024**  
We've been dedicated to revolutionizing the way people travel, fostering unparalleled connections and unforgettable experiences through our innovative house swapping platform.
- Price Plans**  
Our price plans offer modest subscription packages, providing affordable access to our premium house swapping services.
- Experienced exchangers**  
They provide a reliable foundation for new travelers, offering seasoned guidance and support.



The ACCOUNT PAGE gives users an overview of their personal information, listings, favorites, invitations, and their continental representative which they can contact by email. I opted for a widget-like UI for its beauty and ease of viewing the menu.

The Listing card displays its main image, location, the exchange dates and its main facilities.



Containing a filter section and the listings grid, the DESTINATIONS PAGE presents listings in the most unique layout and also the favorites a customer has added to their list.

This window appears when a user clicks the invitation icon.

**Select Dates for Exchange** ×


Own listing for exchange:  
 Viale Bligny, 56, Milan, Metropolitan C ▾

Start Date:  
 📅

End Date:  
 📅

📍

**Vintage Flat**  
 by 66755eb86c20f9351077e60a




**Open for Exchange**  
 2024-08-02 to 2024-08-30

❤️ ✉️

**Description**  
 Step into the charm of Milanese history with this beautifully preserved vintage flat in the heart of Milano. Featuring a spacious living area with high ceilings, classic wooden floors, and antique furnishings, this flat exudes timeless elegance. The cozy bedroom and a quaint kitchen with retro details offer a unique blend of comfort and style. Located just steps away from Milano's iconic landmarks, trendy cafes, and high-end boutiques, this flat is perfect for those who appreciate the beauty of the past while enjoying the conveniences of city living.

Viale Bligny, 56, Milan, Metropolitan City of Milan, Italy



**Details**  
 Type of Home: **flat**  
 Sleeping Capacity: **2**  
 Number of Bedrooms: **1**  
 Number of Bathrooms: **1**  
 Environment: **in the city**  
 Children Welcome: **No**  
 Pets Welcome: **No**

**Facilities**  
 Lift/Elevator    Wifi    Air conditioning  
 Central Heating    Washing Machine    Dishwasher  
 TV    Balcony

The LISTING PAGE displays all uploaded information about a created listing. Users can favorite and send invitations from this page.

NOMAD.com    Home    Destinations    How it works?    Feature    About    Account    Logout

**✉️ Invitations**    2024-07-01 to 2024-07-15

**Received**    Sent

john\_doe - john.doe@gmail.com    🏠 ↔ 🏠    ✅ ❌

jane\_smith - jane.smith@gmail.com    🏠 ↔ 🏠    ⌛ ❌

The most innovative page of all, and the new way of completing exchanges is found on the INVITATIONS PAGE. Here the customer can view his/her received or sent invitations for exchange in a vibrant layout. They can view the established exchange dates, the properties on each side and also they can update the status of their invitations by accepting or declining them.

### INVITATION CARD

john\_doe - john.doe@gmail.com    🏠 ↔ 🏠    ✅ ❌

This card appears like a dynamic island in front of the gradient background. It displays the user who sent the invitation, both selected listing can be seen if the 🏠 icons are toggled and the exchange dates are displayed if the ↔ icon is toggled. This way of confirming exchanges is unique by its looks and functionality.

# OCTOBER.uk

COLLABORATION

## THE PROJECT

OCTOBER was my first collaboration with a clothing brand. The task was to create a website that should well go along with the brand's identity.

## SKILLS ACQUIRED

- USER INTERFACE & USER EXPERIENCE
- WEBSITE MANAGEMENT
- TEAM COMMUNICATION

## PROGRAM USED



SHOPIFY



2023 Project

BUY YOUR TICKET NOW

Before opening the website, we organized a POP-UP EVENT with clothes and underground artists. We wanted to create a closer community of the brand.



NEXT MONTH

TO KEEP AN EYE OUT FOR  
FUTURE COLLECTIONS...

Email

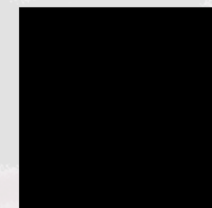


## PURPOSE

The purpose of this project was to design and develop a Shopify-based website for the clothing brand OCTOBER. The goal was to create an engaging and functional e-commerce platform that aligns with the brand's bold and edgy streetwear aesthetic. A newsletter subscription was integrated to encourage user engagement and keep customers informed about future collections.

## COLOR PALETTE

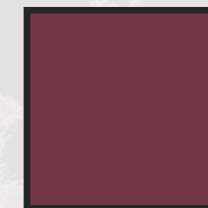
The color palette I used for this website is simple, but it truly tells the brand's story. The design creates a moody, high-contrast look that enhances the brand's modern and urban identity.



#000000



#FFFFFF



#723645

Products

Filter: Availability ▾

Sort by: Alphabetically, A-Z ▾ 4 products



"1of1" DENIM  
€55,95



"1of1" DENIM SHIRT  
€42,95



"1of1" JACKET  
€36,95



"1of1" LEATHER JACKET  
€55,95



"1of1" JACKET

€36,95

Tax included.

Size

Medium

Quantity

- 1 +

Add to cart

Buy with shop Pay

[More payment options](#)

"1of1" JACKET

PRODUCT INFO:

- \* Airbrushed \*
- \* Reworked by hand \*
- \* "MADE WITH CARE" print on the inside \*

SIZE | Length(cm) | Width(cm)

By leveraging Shopify's capabilities, I focused on delivering a seamless user experience, with a clean product grid, intuitive navigation, and a streamlined checkout process.

**\*TYPOGRAPHY**

The typography for OCTOBER was featuring sharp, high-contrast fonts, the text stands out against the dark background, creating a striking and intense visual impact.

This project served as a fusion of UI/UX design, e-commerce functionality, and brand storytelling, ensuring OCTOBER's online presence reflects its unique fashion identity while providing a smooth and efficient shopping experience.

# **AUTOMANIA**

even Jesus would rent

2022 Project

# AUTOMANIA

## THE PROJECT

This was my first project at the West University of Timișoara in trying to create a more complex website design. The task was to program a web-based car rental application.

## SKILLS AQUIRED

- HTML + CSS UNDERSTANDING
- PHP LEARNING

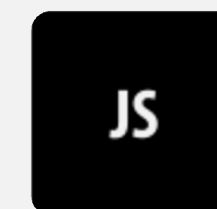
## TEHNOLOGIES USED



HTML



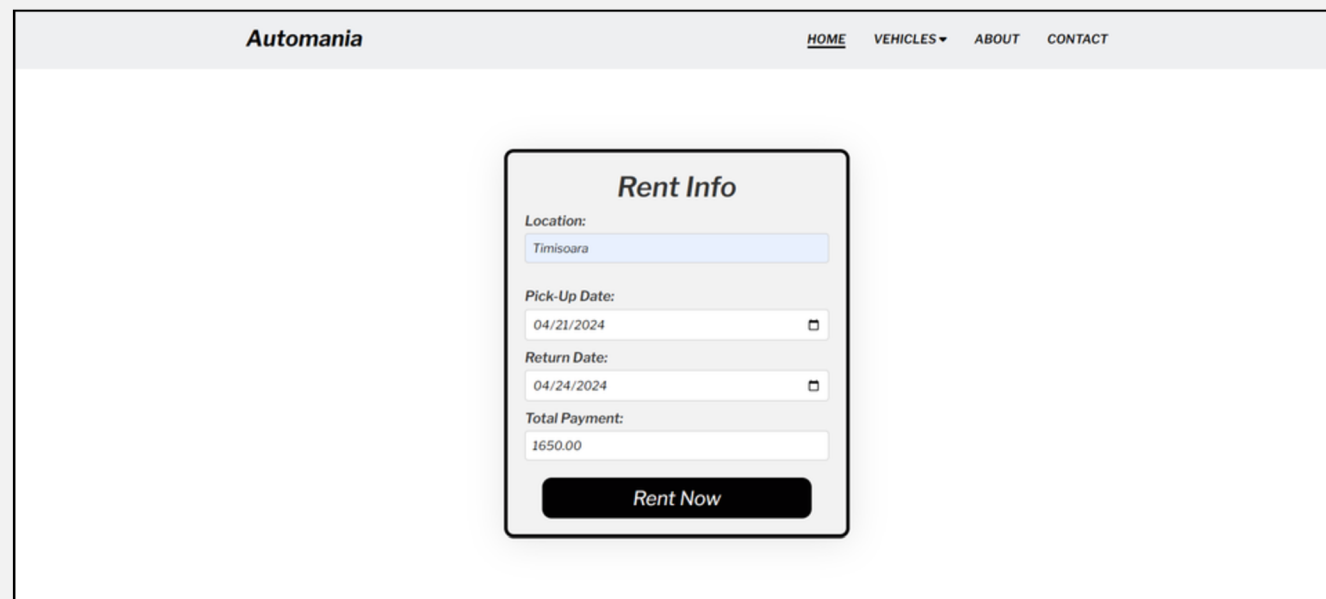
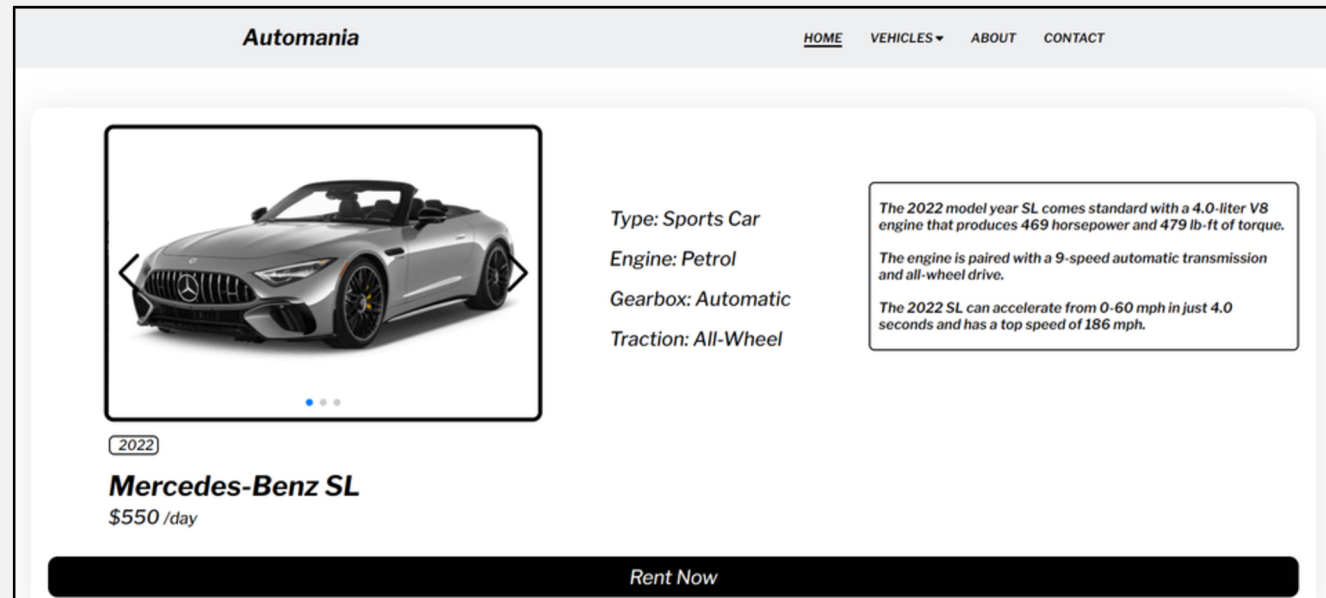
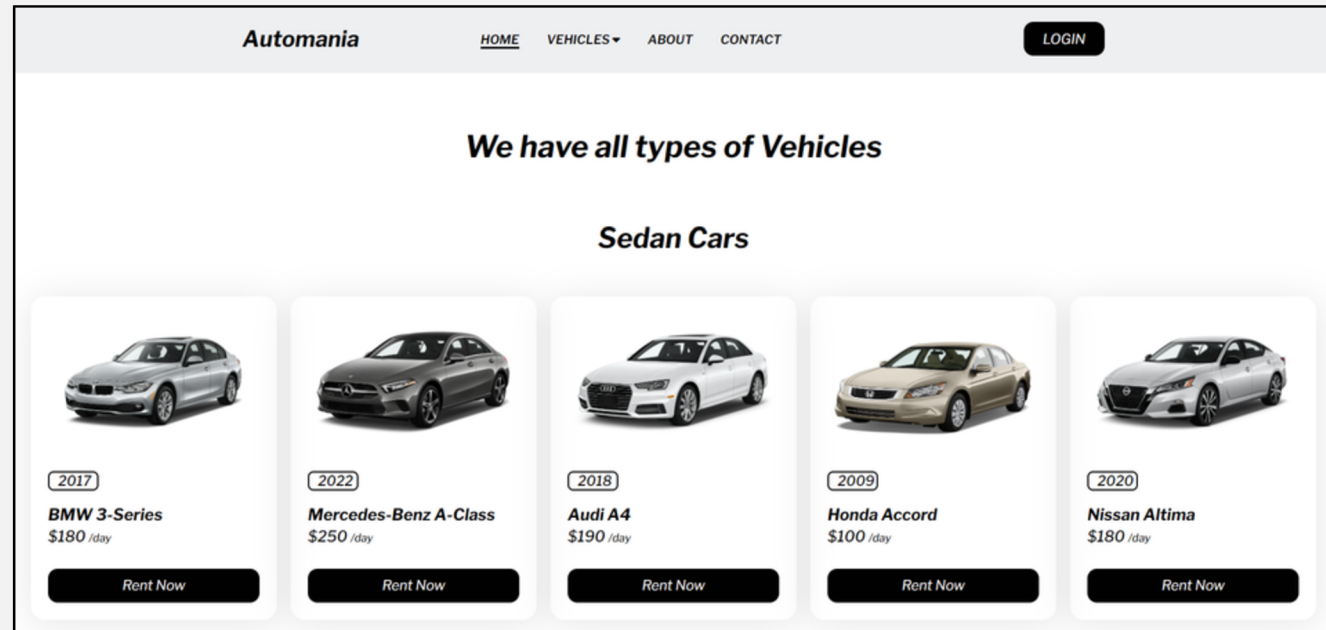
CSS



JAVASCRIPT



PHP

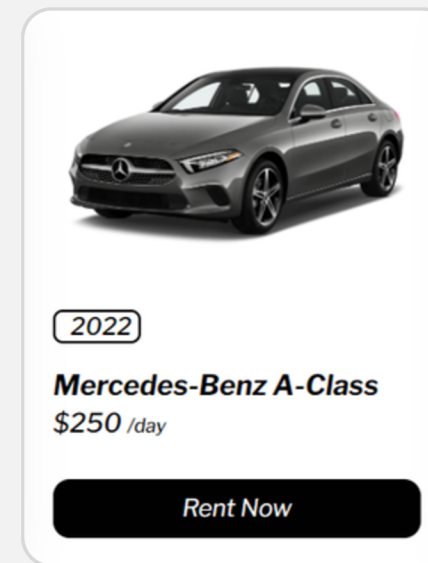


## PURPOSE

The purpose of Automania was to design and develop a web-based car rental application where I have focused on creating a clean, minimalist interface with bold imagery to evoke an aspirational and premium feel.

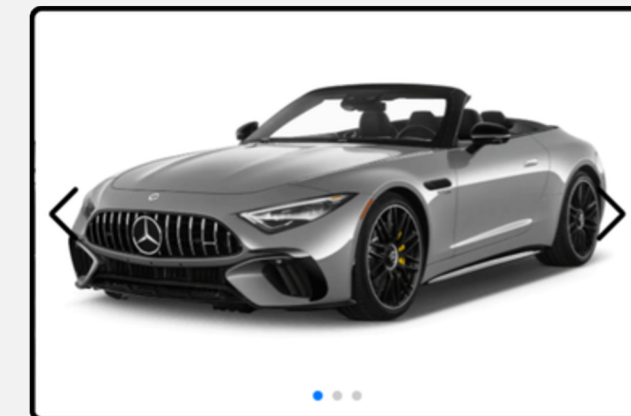
## WIDGET UI

I used a widget-based UI to create a clean, structured layout.

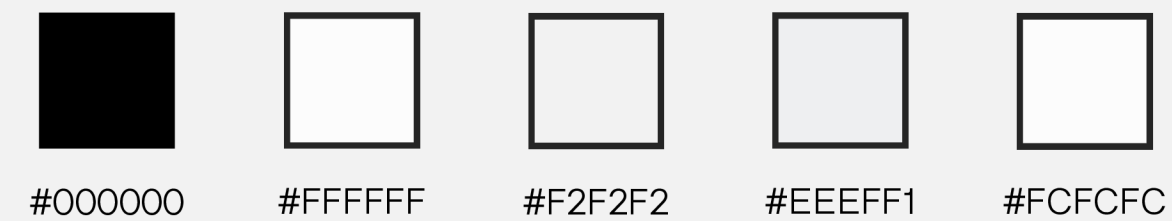


## SWIPE NAV

I implemented a swipe feature for car images, allowing users to browse through exterior and interior images.

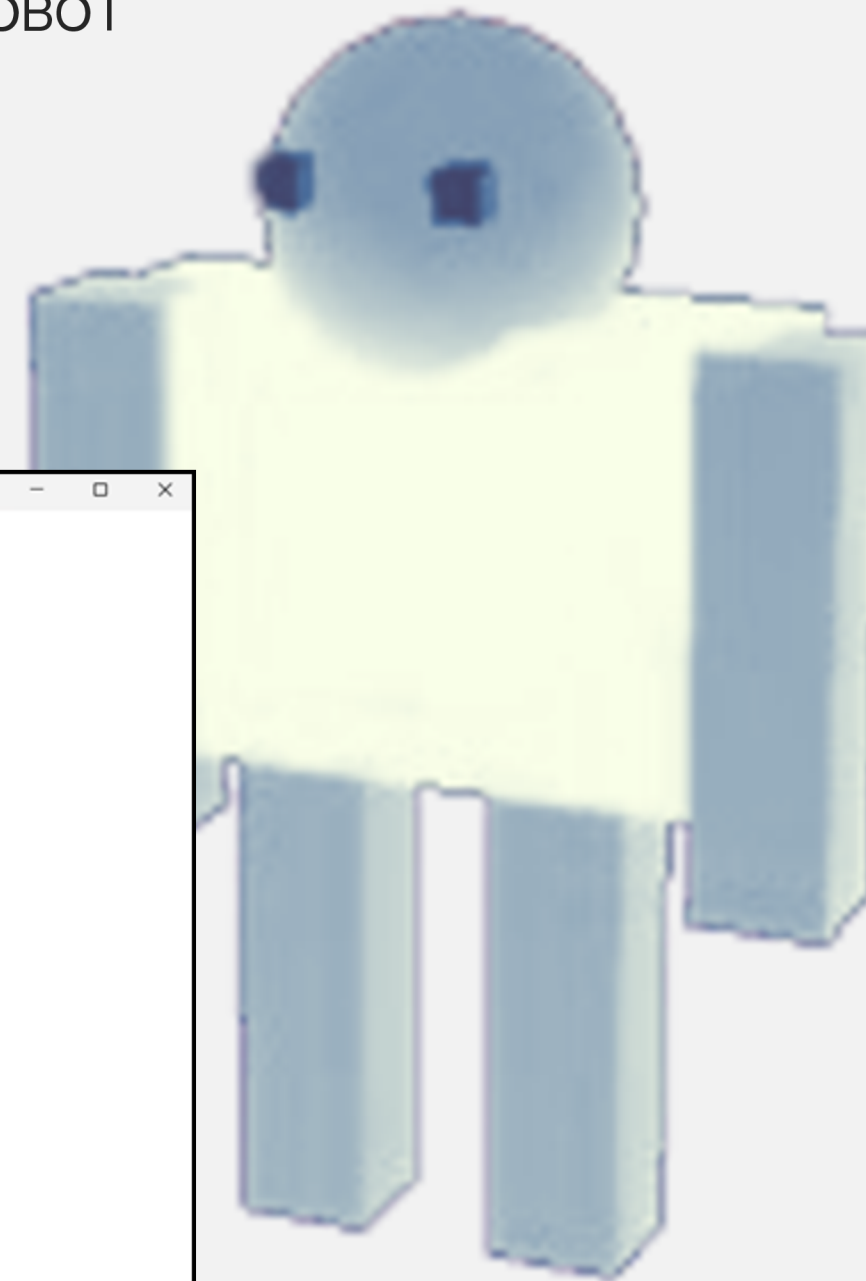
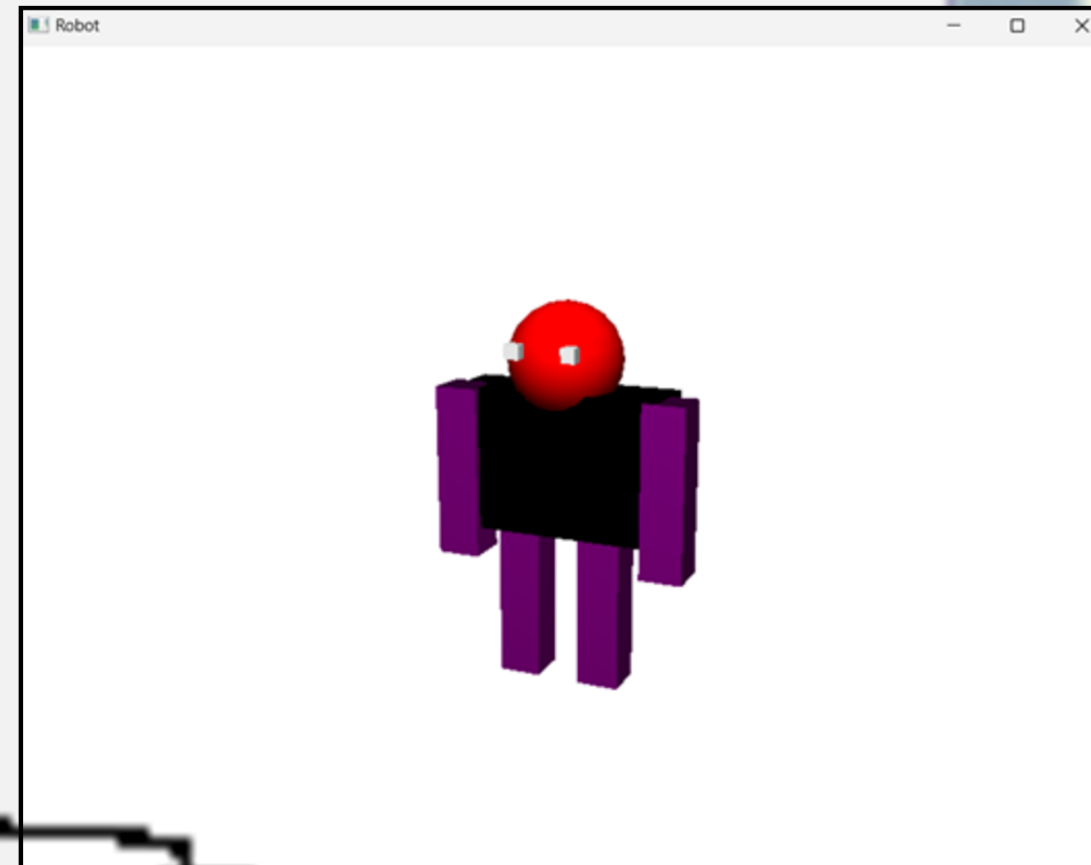


## COLOR PALETTE

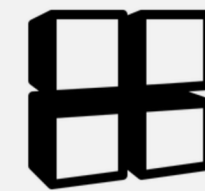


# OpenGL ROBOT

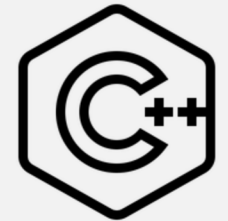
CODE::BLOCKS



## TECHNOLOGIES USED



CODE::BLOCKS



C++

This mini-project involved creating a simple 3D robot model using basic geometric shapes. I used transformations like scaling, rotation, and translation to render and animate the robot.

Through this project, I enhanced my understanding of OpenGL's rendering pipeline, 3D object manipulation, and core concepts like lighting and camera perspectives.

2024 Project

```
void drawRobot(float size) {
    // body (parallelogram)
    glColor3f(0.0, 0.0, 0.0);
    glPushMatrix();
        glScalef(1.5, 1.0, 0.5); // Scale the cube to form a parallelogram
        drawCube(size);
    glPopMatrix();

    // head (purple)
    glColor3f(1.0, 0.0, 0.0); // Adjusted to purple
    glPushMatrix();
        glTranslatef(0.0, size * 0.7, 0.0); // Position the head lower
        glutSolidSphere(size * 0.4, 20, 20); // Larger sphere
    glPopMatrix();

    // eyes (white)
    glColor3f(1.0, 1.0, 1.0); // Set color to white
    glPushMatrix();
        glTranslatef(-size * 0.2, size * 0.8, size * 0.4); // left eye
        drawCube(size * 0.1);
        glTranslatef(size * 0.4, 0, 0); // right eye
        drawCube(size * 0.1);
    glPopMatrix();

    // limbs (purple)
    glColor3f(0.5, 0.0, 0.5); // Adjusted to purple
    glPushMatrix();
        glTranslatef(-size * 0.3, -size * 1, 0); // left leg
        drawLimb(size * 0.3);
        glTranslatef(size * 0.6, 0, 0); // right leg
        drawLimb(size * 0.3);
        glTranslatef(-size * 1, size * 0.9, size * 0.15); // left arm
        drawLimb(size * 0.3);
        glTranslatef(size * 1.5, 0, 0); // right arm
        drawLimb(size * 0.3);
    glPopMatrix();
}
```

---

## DRAWING PROCESS

In the void `drawRobot()`, all the creation of the robot is happening. First we have a cube that we scale to make it a parallelogram. Next we have a sphere that is used for its head. The head needed some eyes so we created two small cubes to serve as eyes and place them in front of the head. Finally we have the limbs which we had to adapt them to the body size and position.

# ELECTRIK INK

COLLABORATION

## THE PROJECT

This collaboration was with a Tattoo and Piercing Shop. The task was to re-create their website from scratch, which should reflect the brand's identity.

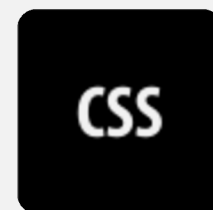
## SKILLS AQUIRED

- USER INTERFACE & USER EXPERIENCE
- WEBSITE MANAGEMENT
- FINISHING IMPROVEMENT

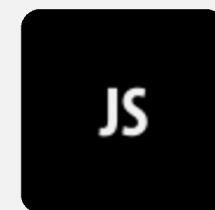
## TECHNOLOGIES USED



HTML



CSS



JAVASCRIPT



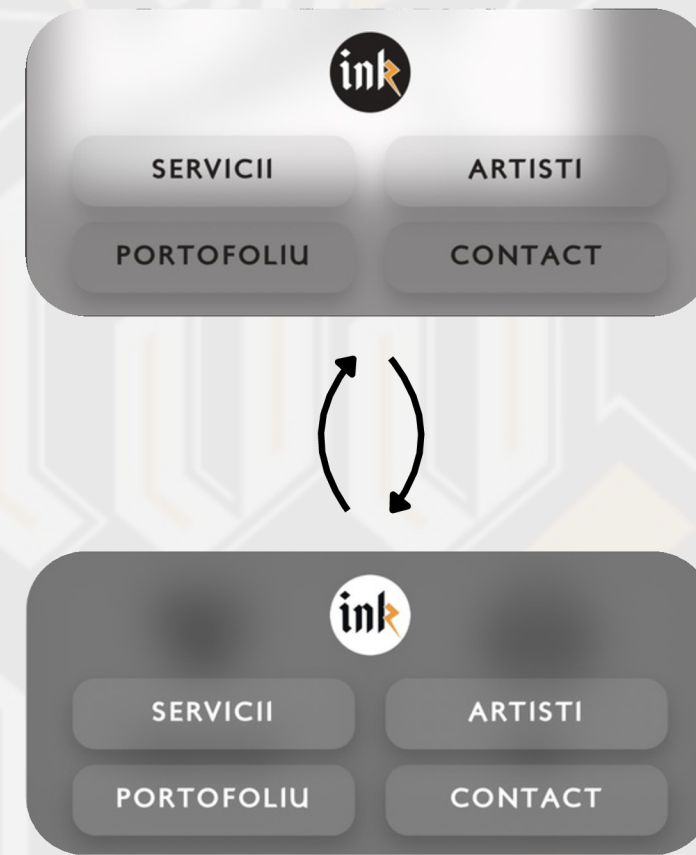


\* GALLERY \*



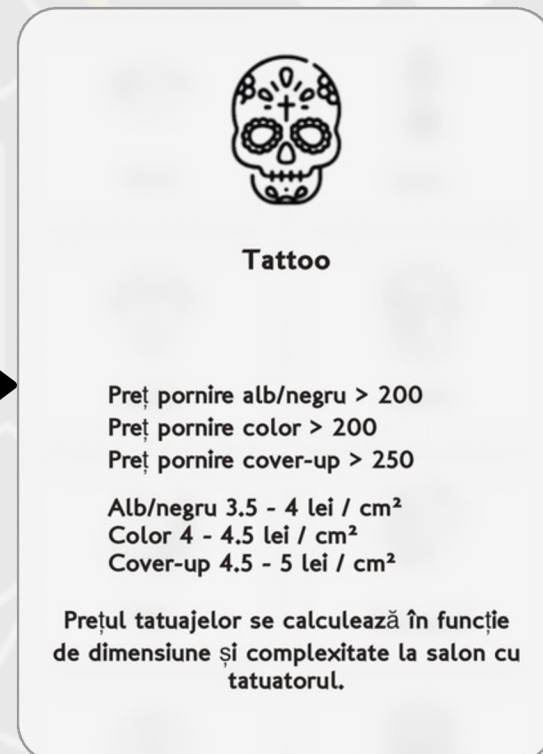
### PURPOSE

The purpose of Electrik Ink was to design and develop a presentation website. I focused on creating a more mobile-friendly platform, where the details make the difference.

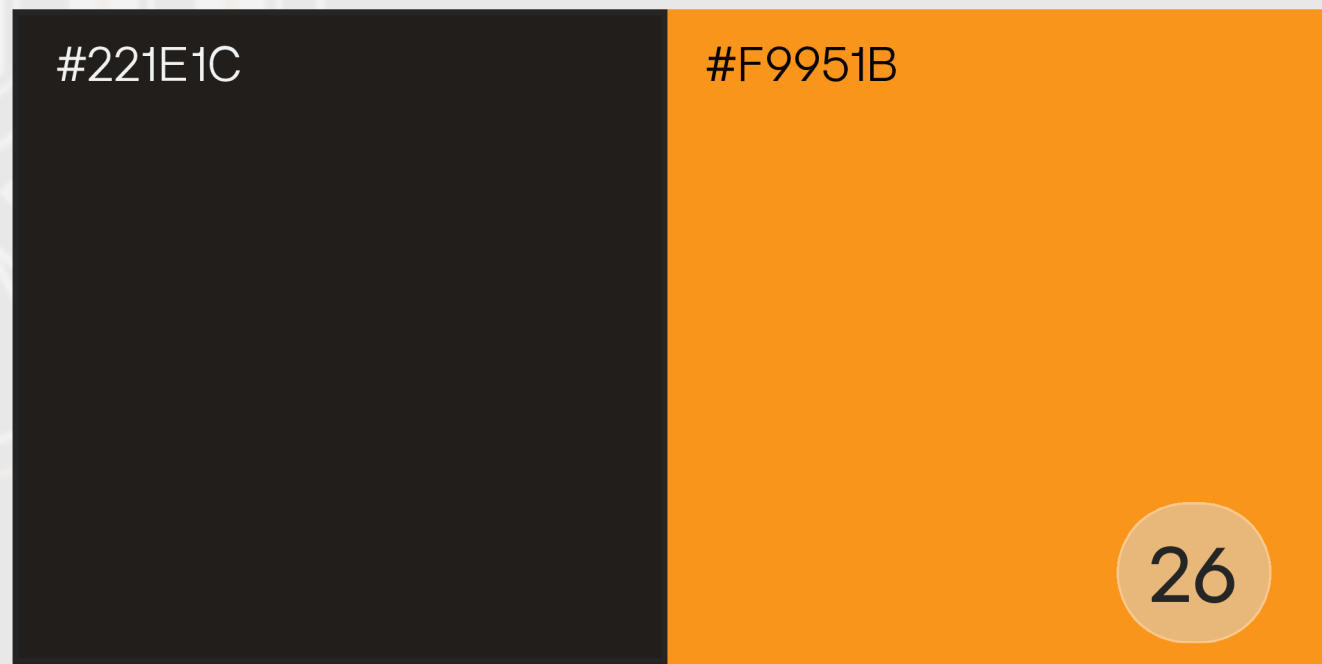


### LIVE INTERACTION

The navbar (closed or open) changes colors in real time for a better contrast.



### COLOR PALETTE



# NUKA CHALET

COLLABORATION

## THE PROJECT

This collaboration with NUKA CHALET consisted of creating the digital/visual presentation of their wooden cabins, where clients can find their next holiday.

## SKILLS AQUIRED

- USER INTERFACE & USER EXPERIENCE
- FRAMER EXPERIENCE
- FIGMA X FRAMER

## PROGRAM USED



FRAMER



FIGMA

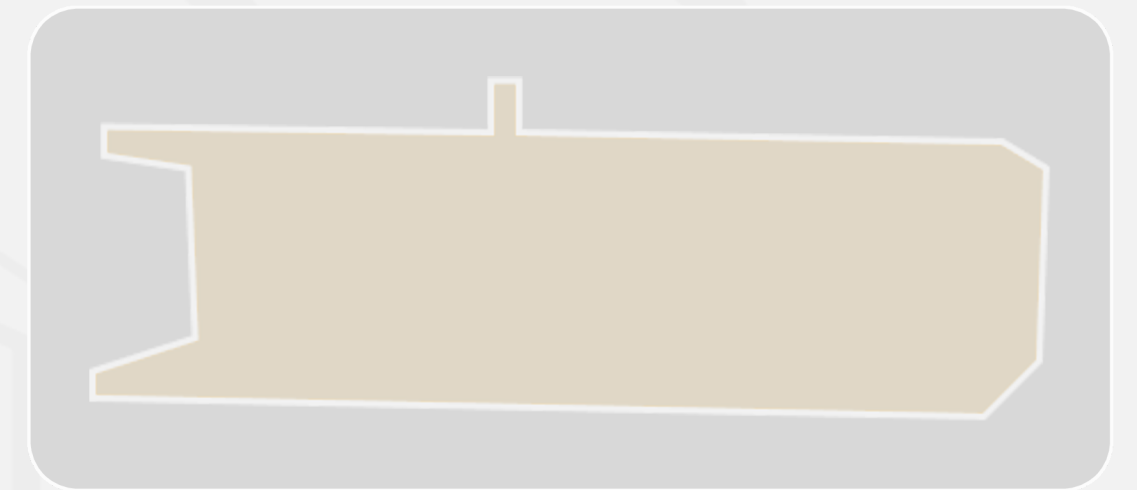


nuka chalet

– POIANA MĂRULUI –



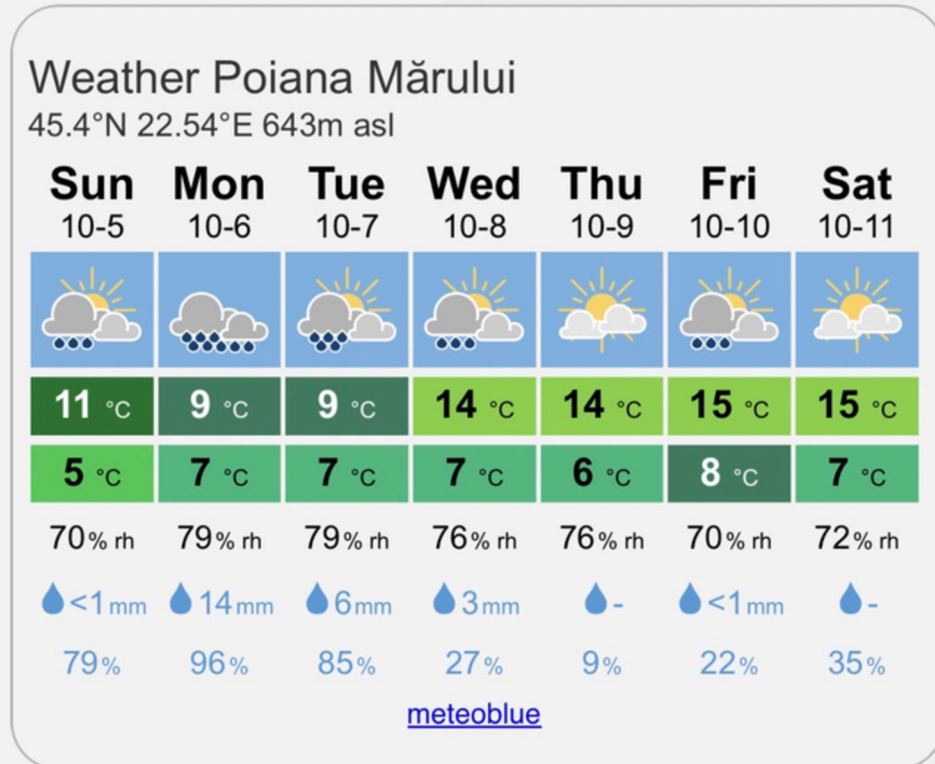
\* nuka SINGLE chalet & nuka DOUBLE chalet \*



I used for this part a "scale up" experiment while the object is hovered. The shapes were done using Figma and exported to Framer.

## PURPOSE

The real purpose of this project was to gain a better understanding of Framer tools and tricks. After catching up on some experience, I tried some techniques even though it was kind of tricky.



\* WEATHER FORECAST \*

I thought of the feature of having a weather forecast in the same place where the user was planning to book their holiday, without using other devices. The frosted glass effect gives the users a blurred sneak peek of the surroundings.

### Outdoor adventures

Unique moments under the open sky  
On clear nights you can admire the starry sky and relax around the firepit.

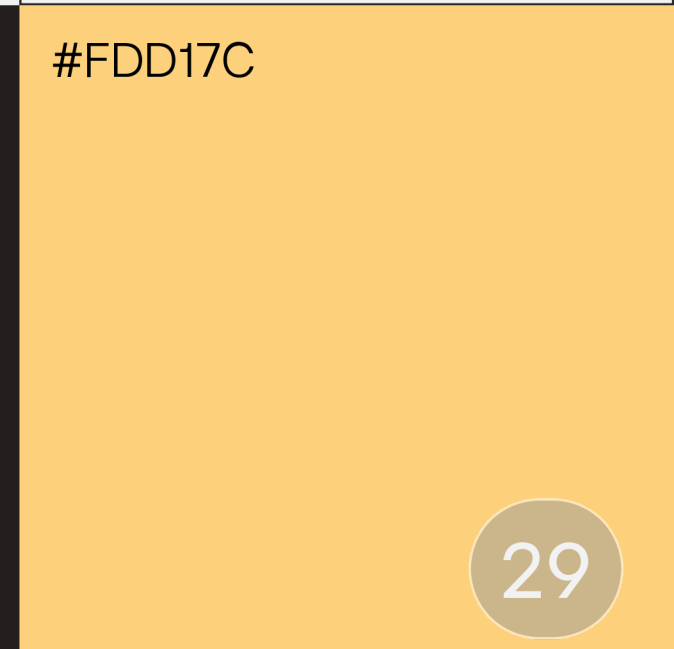
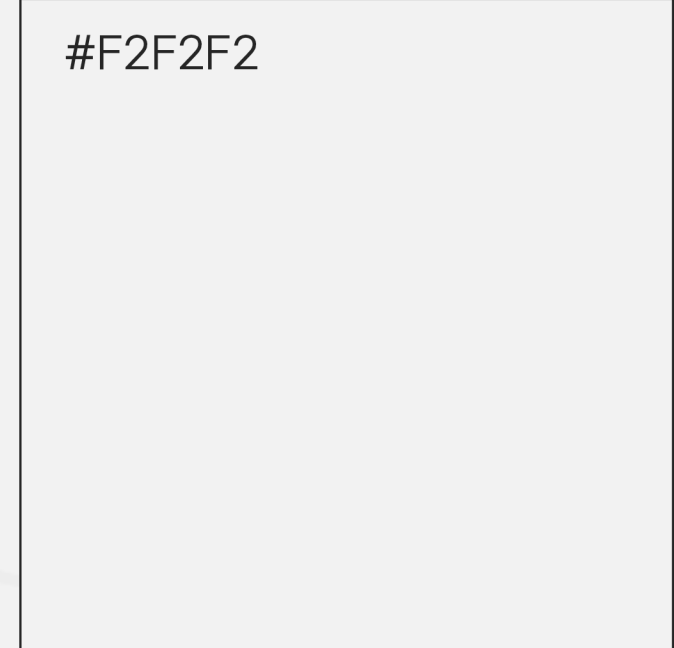
### Hiking and mountain trails

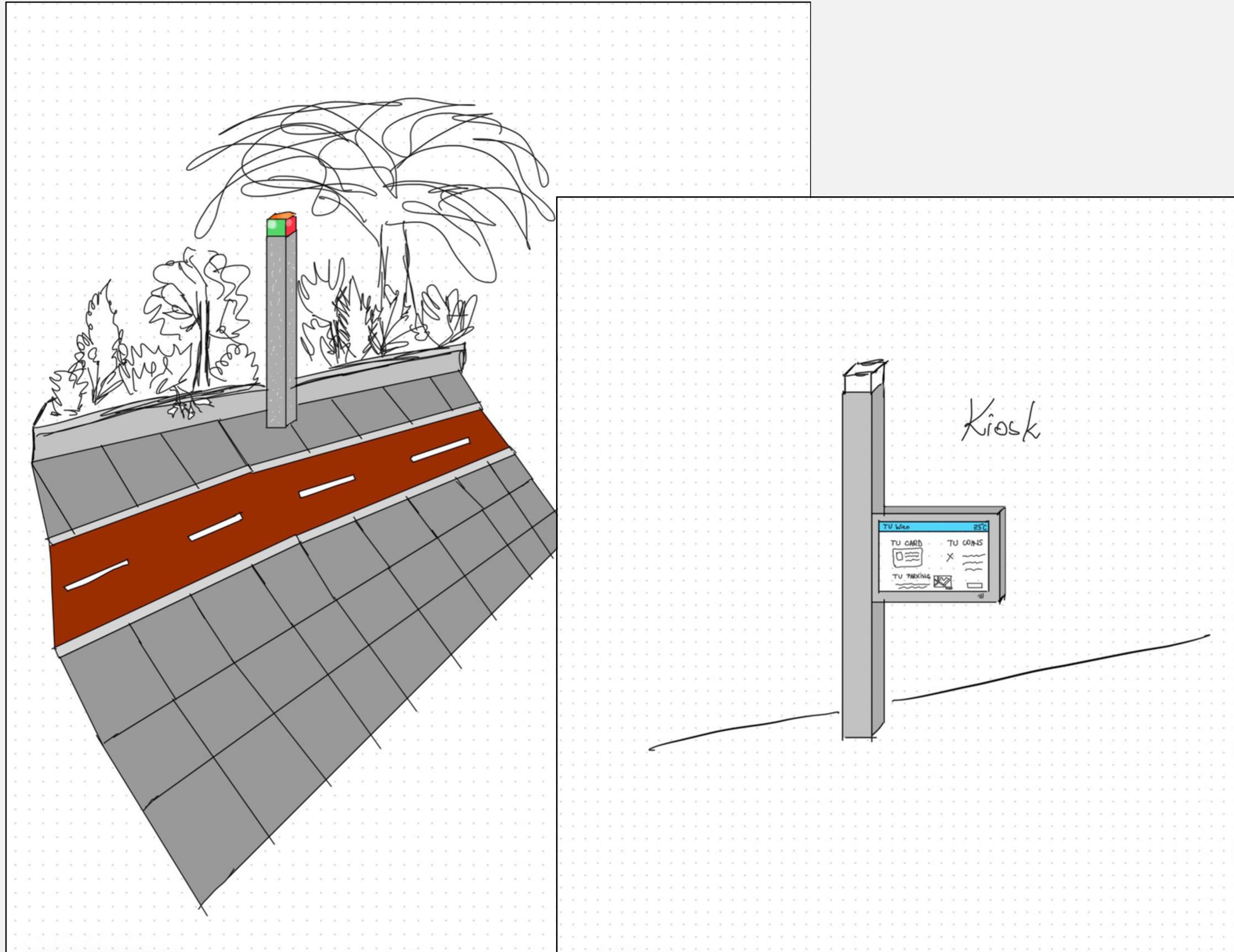
You have the opportunity to explore a variety of tourist trails of varying difficulty – from short walks to more demanding tours:

- Poiana Mărului → Valea Craiului (yellow trail): 4–5 h
- Poiana Mărului → Spua Plaiului (red stripe): 7–8 h
- Poiana Mărului → Vârful Mătania (blue triangle): 5–6 h
- Poiana Mărului → Piatra Scorilo → Muntele Mic (blue trail): 4–5 h
- Poiana Mărului → Spua Iepii → Colonia Tomeasa (red triangle): 6–7 h
- Famous trails include those to Gura Apei through Valea Bistrei and Spua Iepii, highly appreciated for the beauty of the landscapes.

\* FROSTED GLASS \*

### COLOR PALETTE





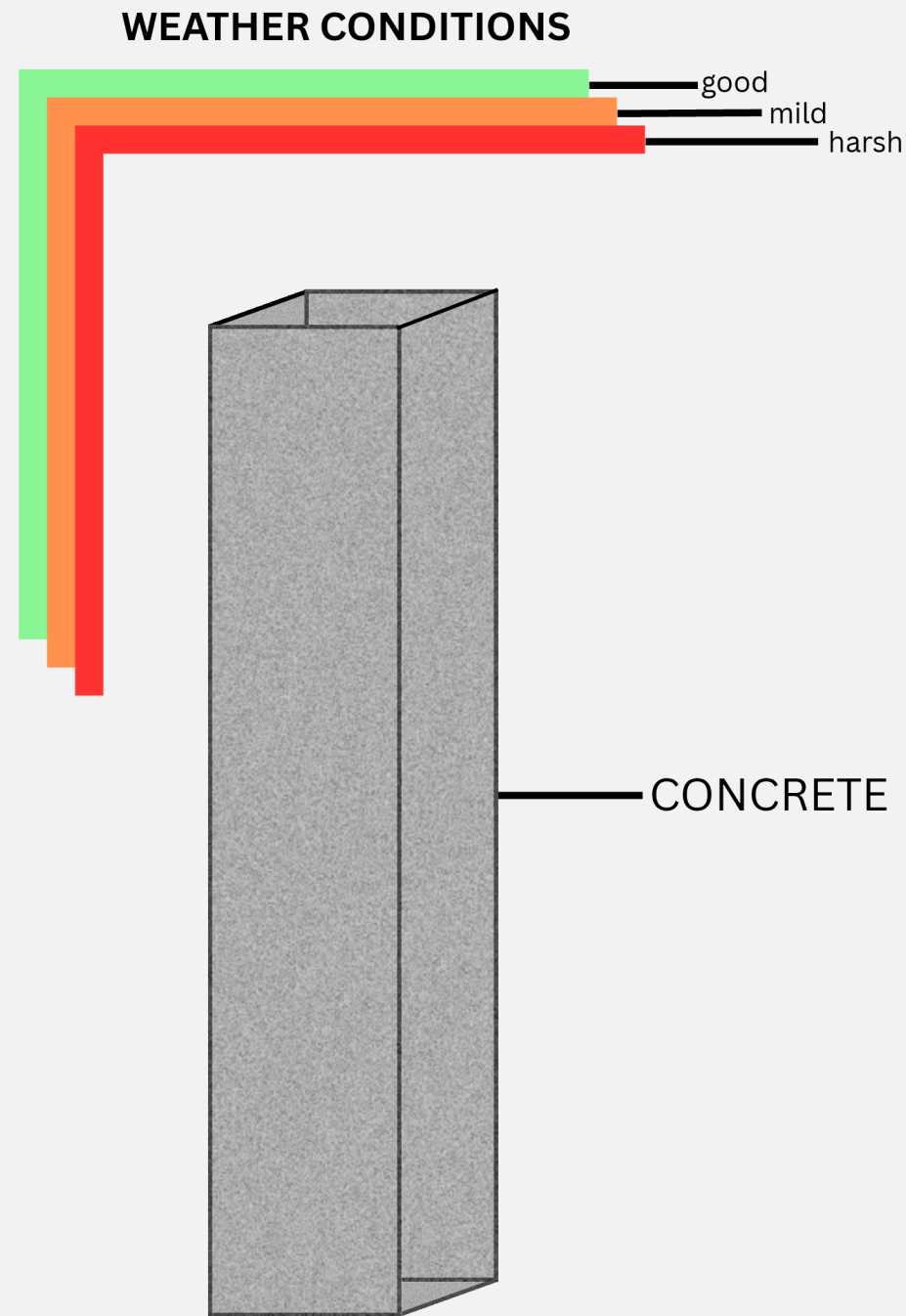
# theTorch



2025 Project



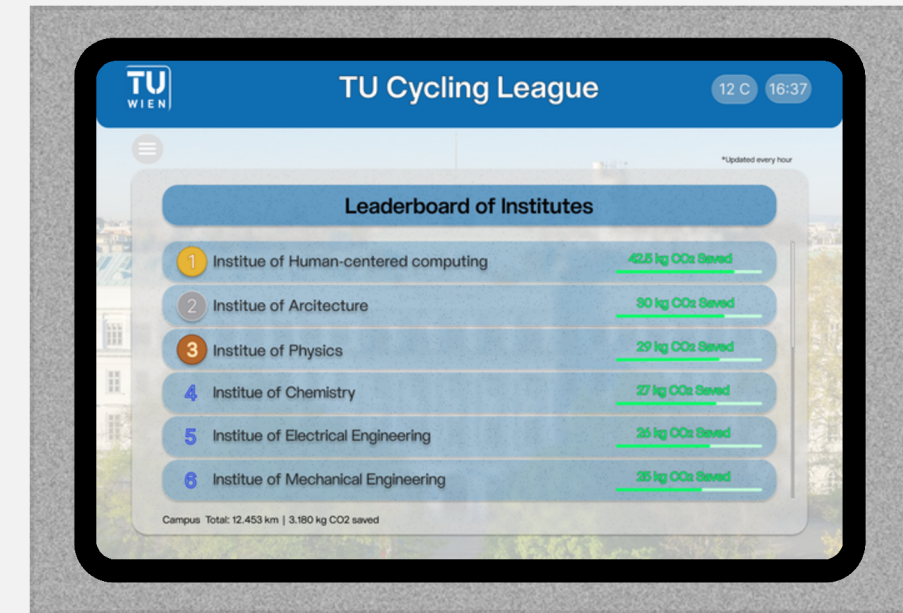
VIENNA, AT  
48.2081° N, 16.3713° E



OUTDOOR VERSION



INDOOR VERSION



DISPLAY

theTorch is a tangible light installation that visualizes cycling activity at TU Wien. Acting as an ambient display, it glows and shifts in color to reflect collective mobility data changing weather conditions, encouraging awareness of sustainable transport.

Built entirely from concrete, its brutalist design gives it an industrial, architectural presence that contrasts with the soft, dynamic illumination of its top section. A side display complements the light feedback by showing live information such as weather, air quality, and cycling leaderboards.



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