



Selected works 2019

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ABOUT ME

Hi !

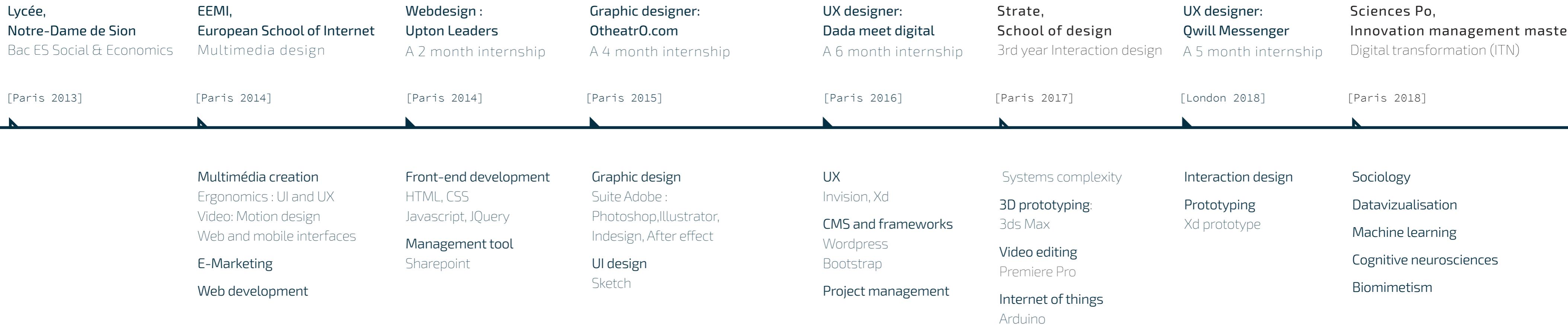
My name is Nicolas Mimault,
I'm a 24 year old
interaction designer.
I'm curious, thorough
and polyvalent !



MY APPROACH

My creative process focuses on **user experience**:
I would like to use my skills to contribute to
spreading **art culture**. I am an interaction
designer yet I have skills in **project management**,
graphic interfaces, **coding** and **digital arts**.

MY JOURNEY



MY SKILLS

DIGITAL PROJECTS

Loading...

Qwil Messenger

INTERNSHIP 2018

[UX design]

Qwil messenger is a start-up that develops a safe and compliant client **chat** for business.

I worked on the desktop dashboard and the user **management system**. For security reasons, adding users, creating groups and the onboarding process was problematic. I had to study this **complexity** and propose a **UI design** during this five-month internship.

The UI design respects the material design rules and components made by Google.



Administration

- +👤 Invite new user
- ✓👤 Groups
- ✓👤 Users
- 👤 Themes
- ⚙️ Settings
- ⓘ Legal

3 Contact details

Secure contact information – through means of email and phone number – is required for all users. It is through these channels that a user will sign up, and that all subsequent official and secure communication will take place.

Email

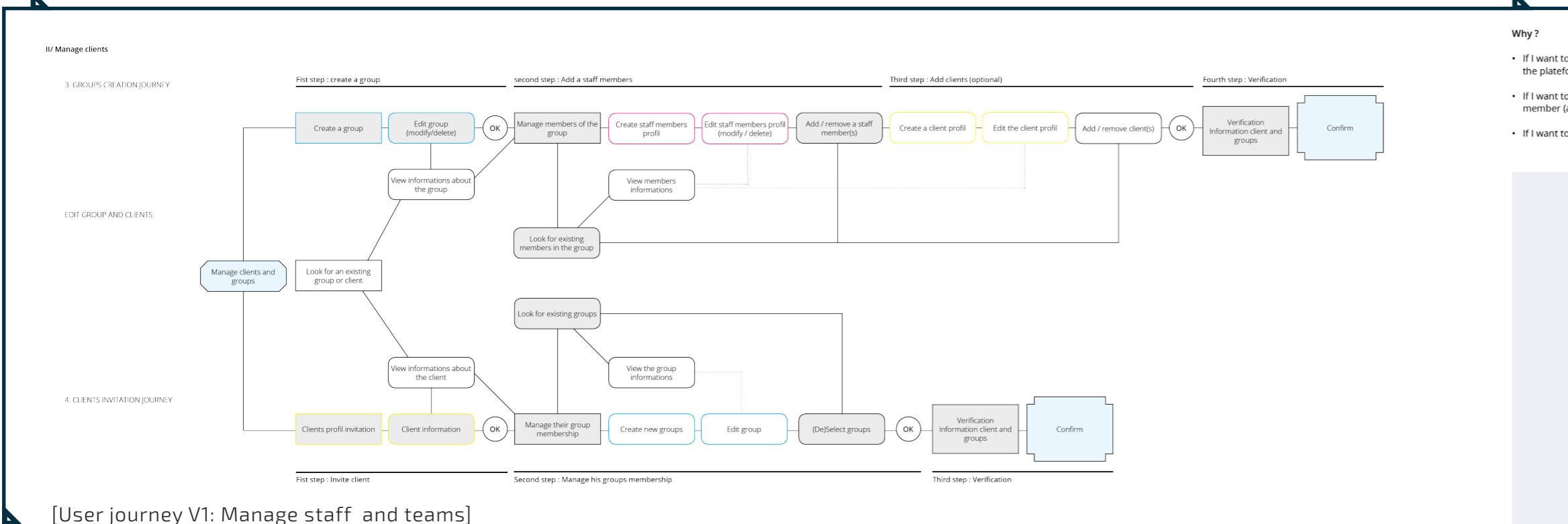
Qwil id (optional)

BACK **NEXT**

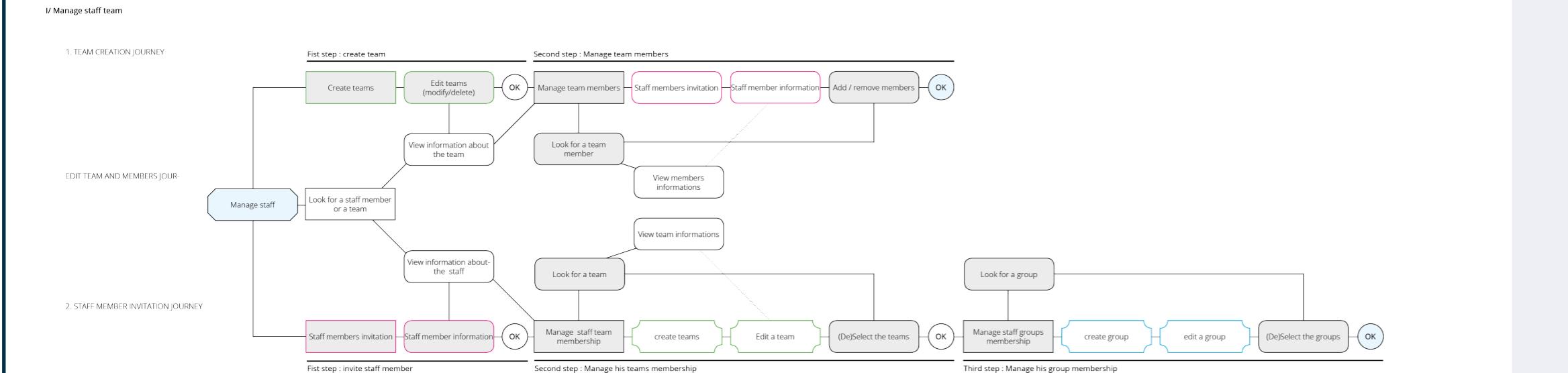
4 Groups

[Add a new user page: 4 steps, material UI]

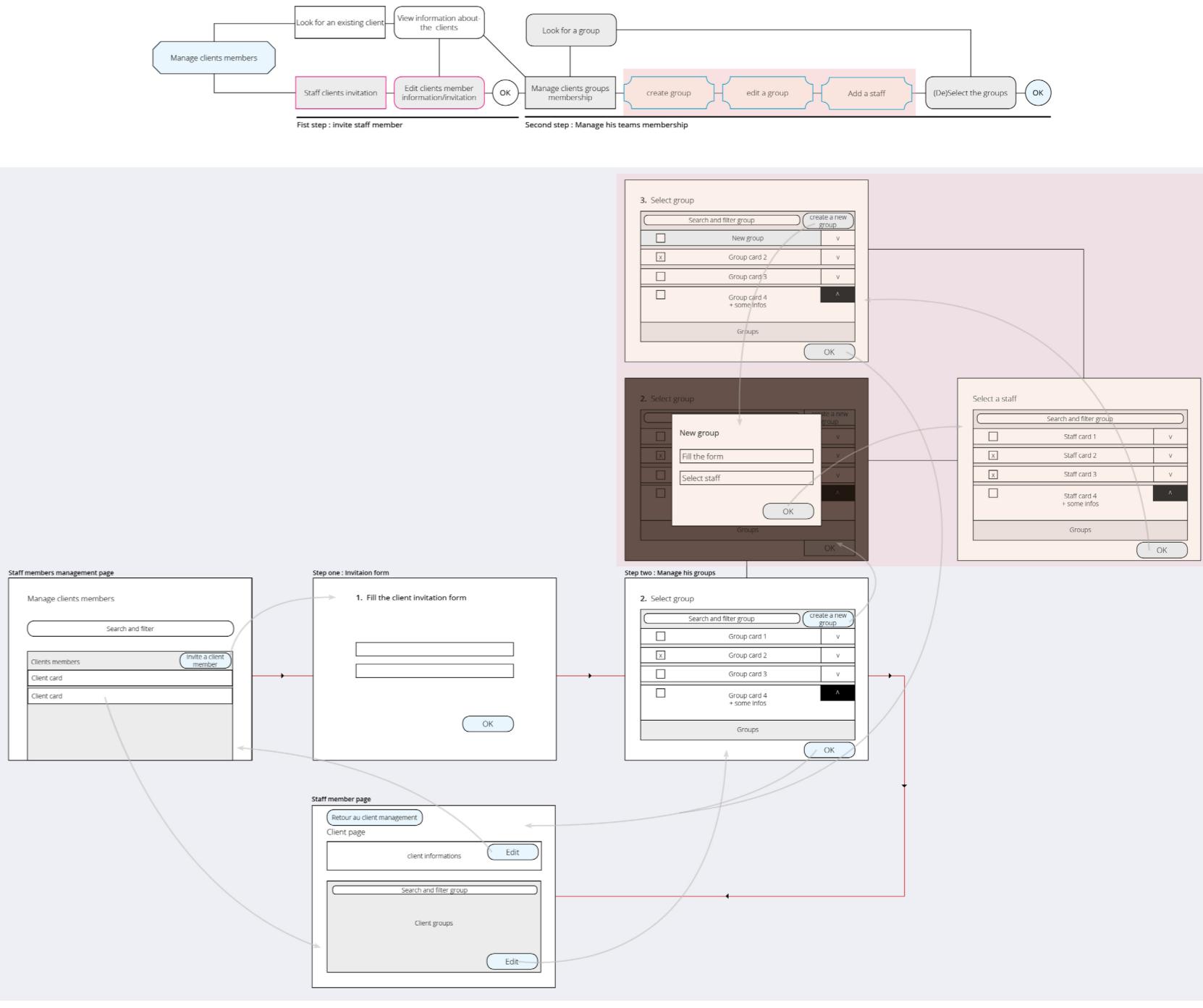
[User journey V1: Manage clients and groups]

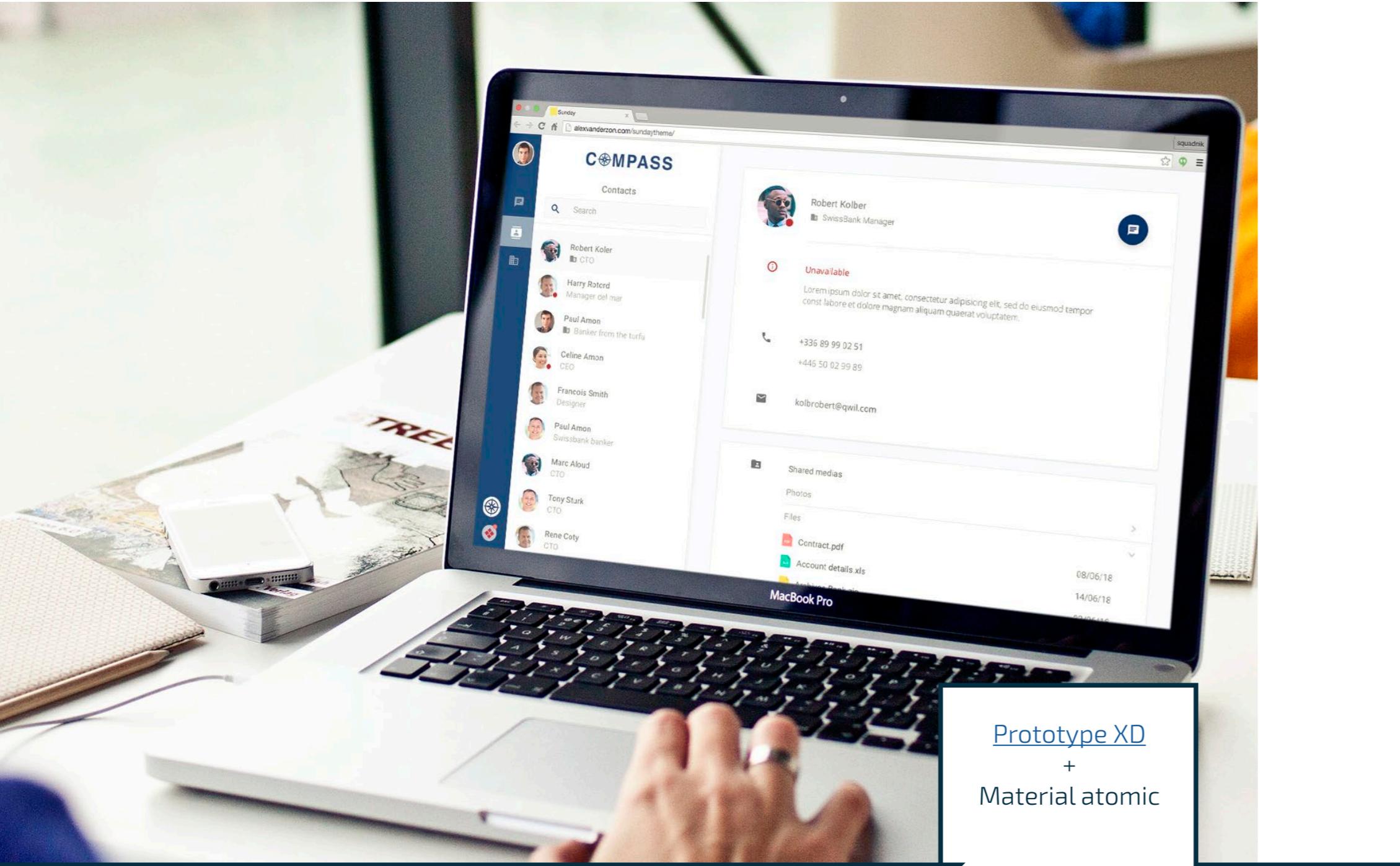


[User journey V1: Manage staff and teams]



[Staff member invitation journey and zoning]





With this **internship** I had the opportunity to professionally **practice english** and utilize skills I learned during my year of **study at Strate** in a promising **Start-up**. I had to be **limber** and **autonomous**.

EASYMOOC

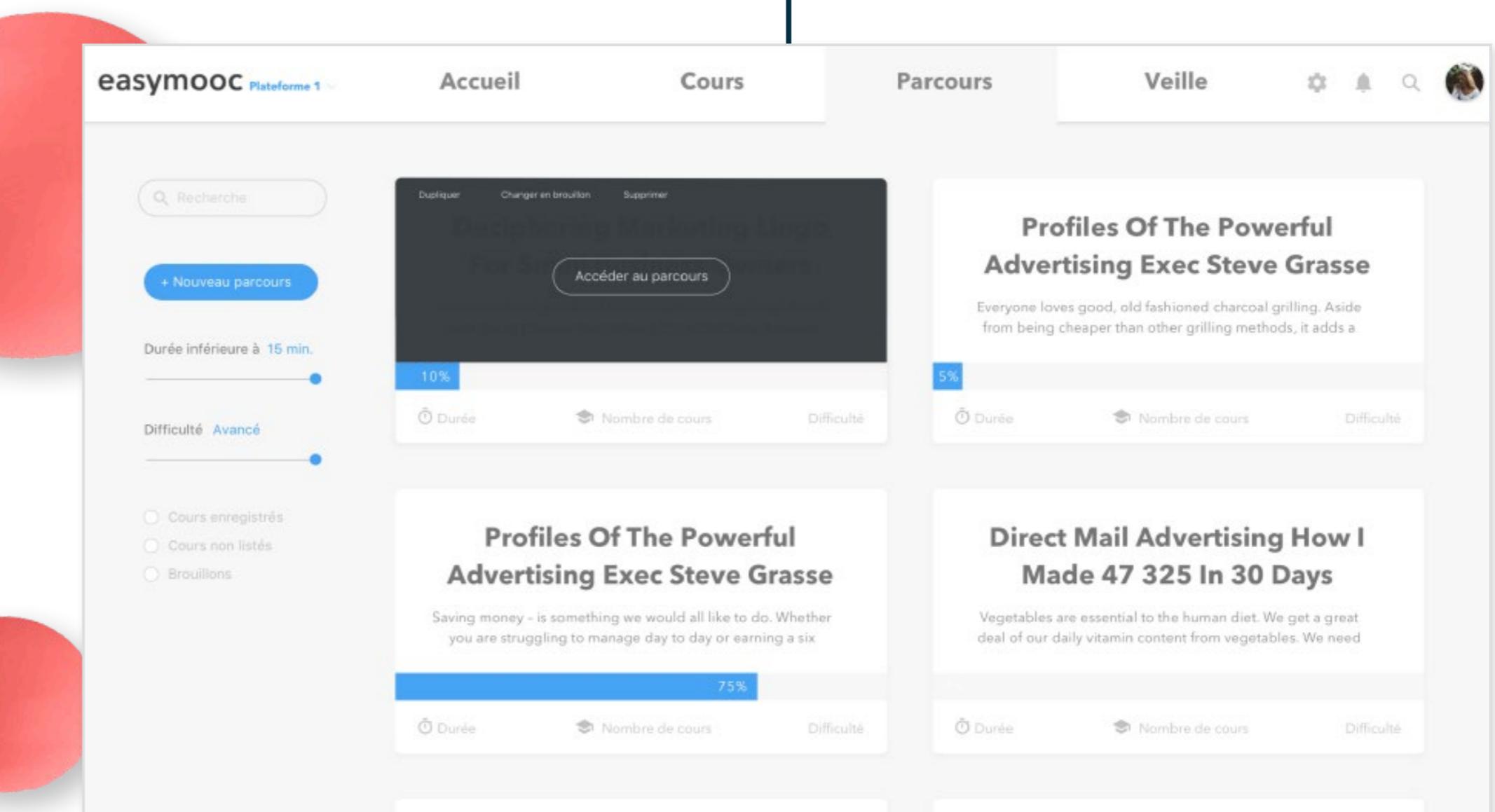
INTERNSHIP 2016

[UX design]

Easymooc is a SaaS platform that enables the creation of **online learning platforms** for businesses. This is a project that was developed internally during my 6-month **internship** at Dada Meet Digital, a **digital agency** based in Paris. The project is now developed and called Acolyte.

We worked on the conception of an **online course builder** integrated within a **platform** for **professional instructors**.

 **dadamet digital**



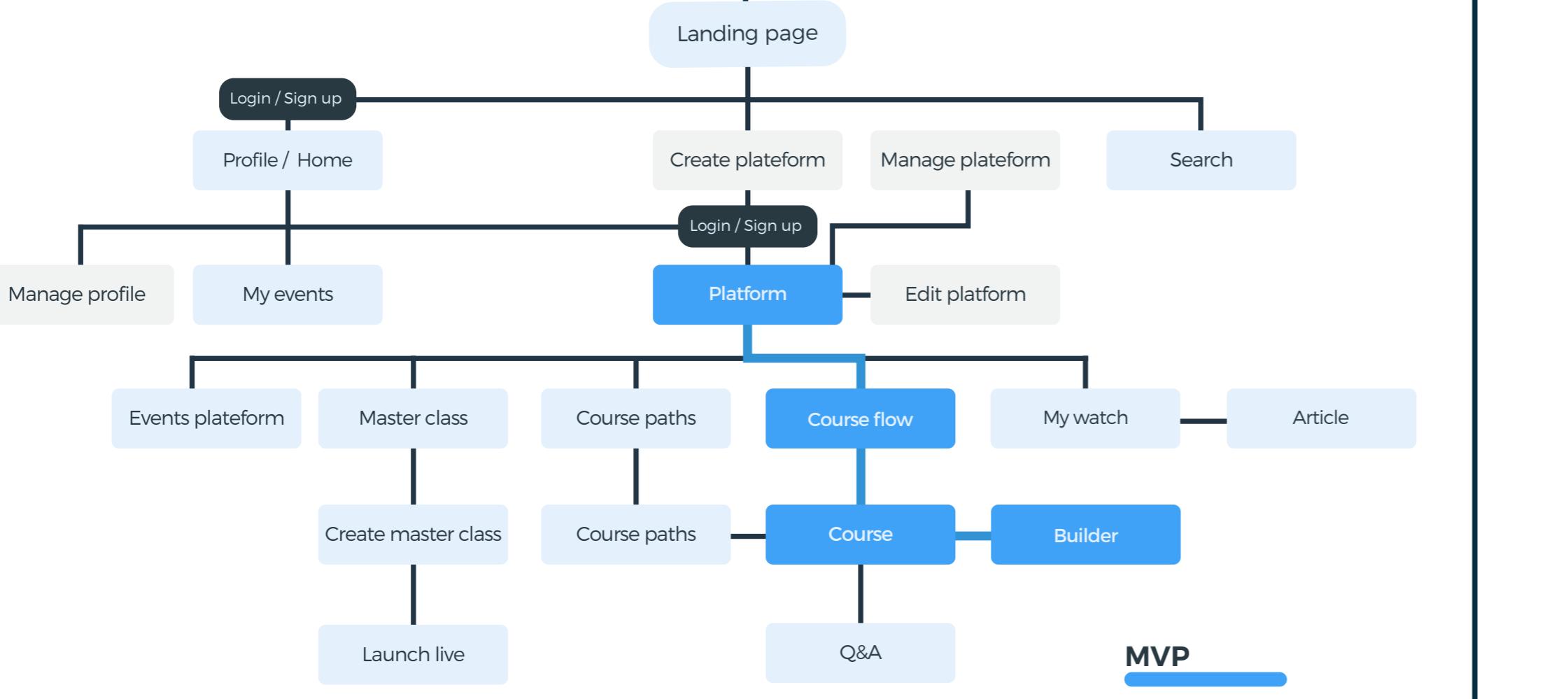
The screenshot displays the easymooc platform interface. At the top, a navigation bar includes links for 'Accueil', 'Cours' (which is the active tab), 'Parcours', 'Veille', and user account settings. Below the navigation, a search bar and a 'Nouveau parcours' button are visible. The main content area shows a list of courses with filters for duration (less than 15 min), difficulty (Advanced), and course status (registered, listed, or draft). Two course profiles are shown in detail:

- Profiles Of The Powerful Advertising Exec Steve Grasse**
Description: Marketing Manager
Duration: 10%
Difficulty: 5%
- Direct Mail Advertising Howl Made47325 In 30 Days**
Description: Marketing Manager
Duration: 75%
Difficulty: 5%

Each course profile includes a snippet of text and a progress bar indicating completion.

[e-learning platform versioning 1]

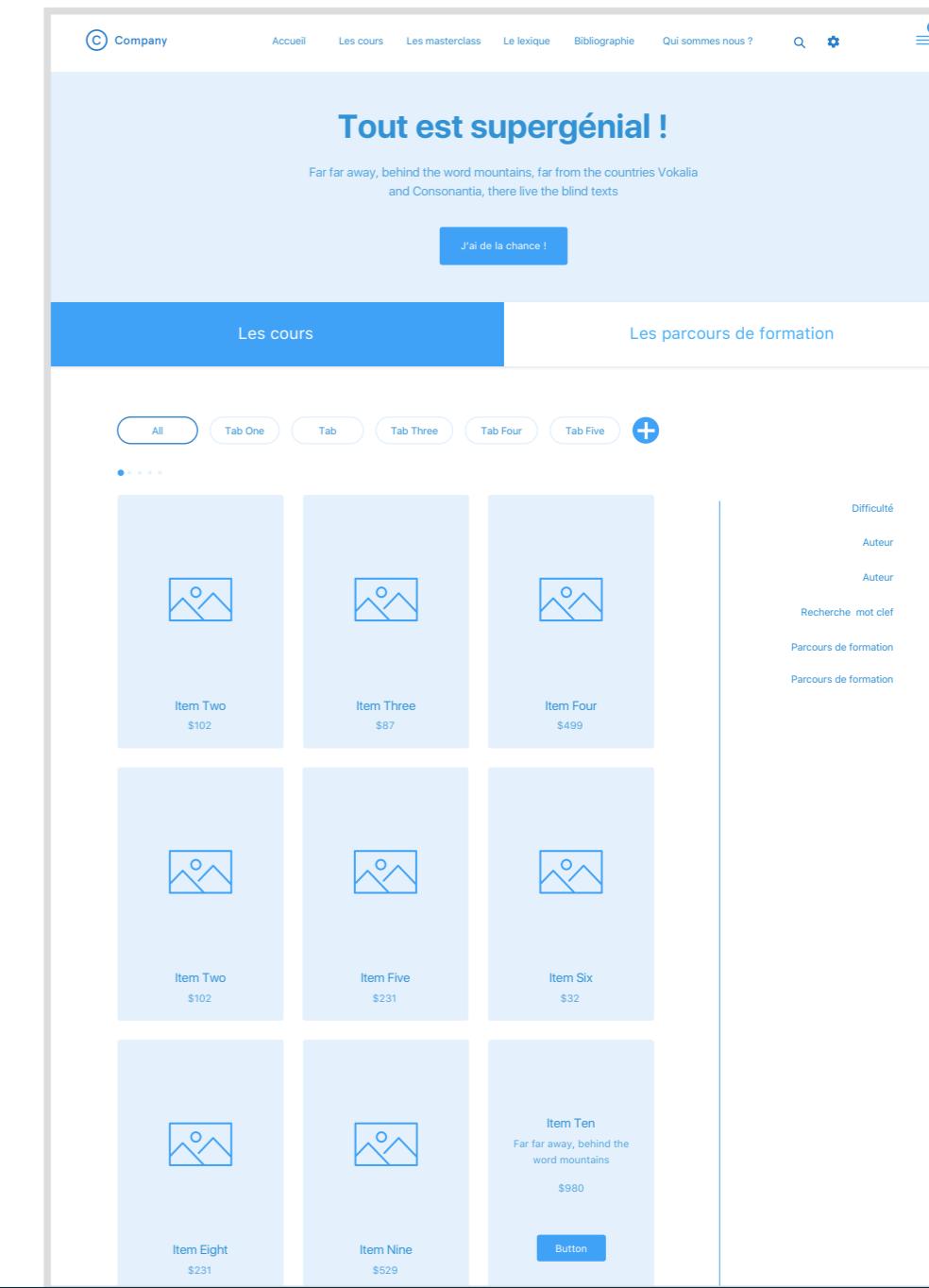
We had to rapidly develop a **minimum viable product** (MVP) in order to have it **tested by future users** and potential clients.



reframes & Sitemap

participated in the setting up of the map and in the conception of website's usability, through the realisation of wireframes and the MVP's first release.

In the digital design software Sketch, we designed the totality of wireframes for the web pages, then we divided the development of the various features of the sitemap into several iterations.



me designed with Sketch]



With this **internship** I had the opportunity to professionally utilize skills I learned during my **last year of studies** at EEMI.

VOLUNTEERS

DIPLOMA PROJECT 2016

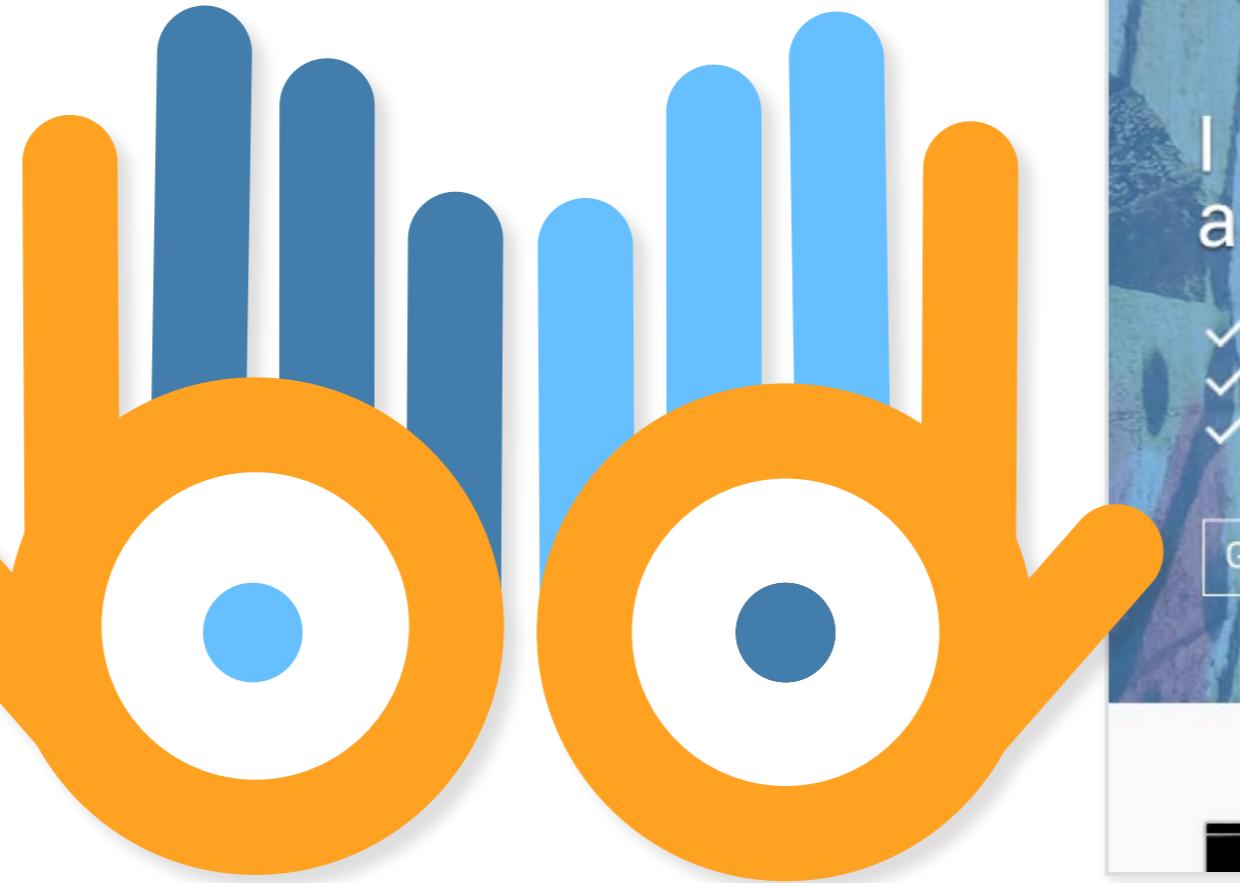
[UX design]

Team: Janvier Sabates, Salim Ziadi, Charles Delourme

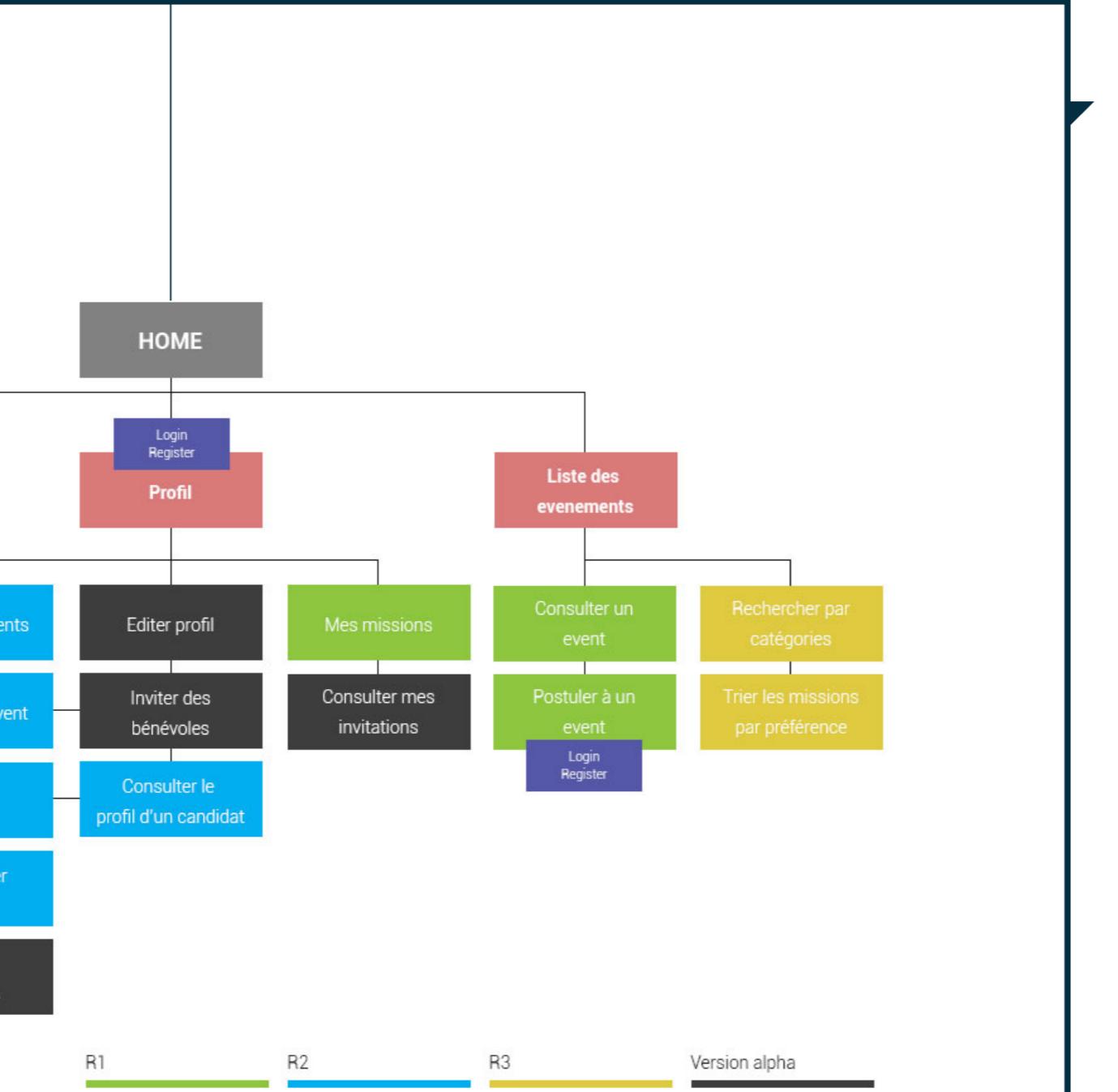
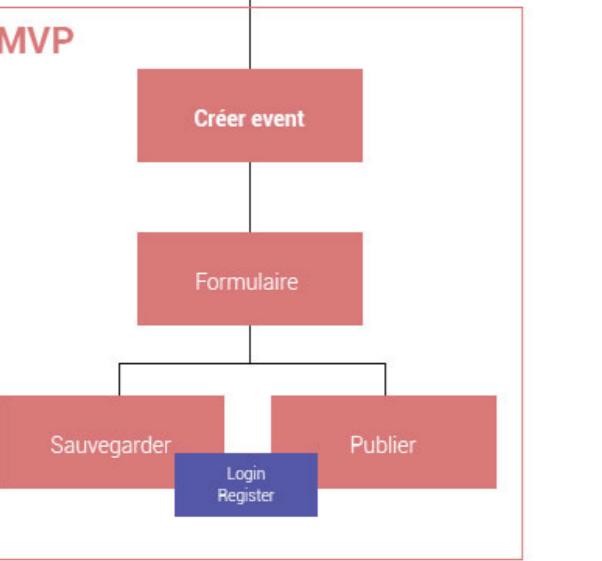
Volunteers.com connects **volunteers** and **organizers** of cultural events.

Over the 6 month period this project took to realise, we were a team of 6 **third-year students**, 3 of us were designers and the other 3 developers.

We conducted a competitive intelligence **research** relating to the issue.



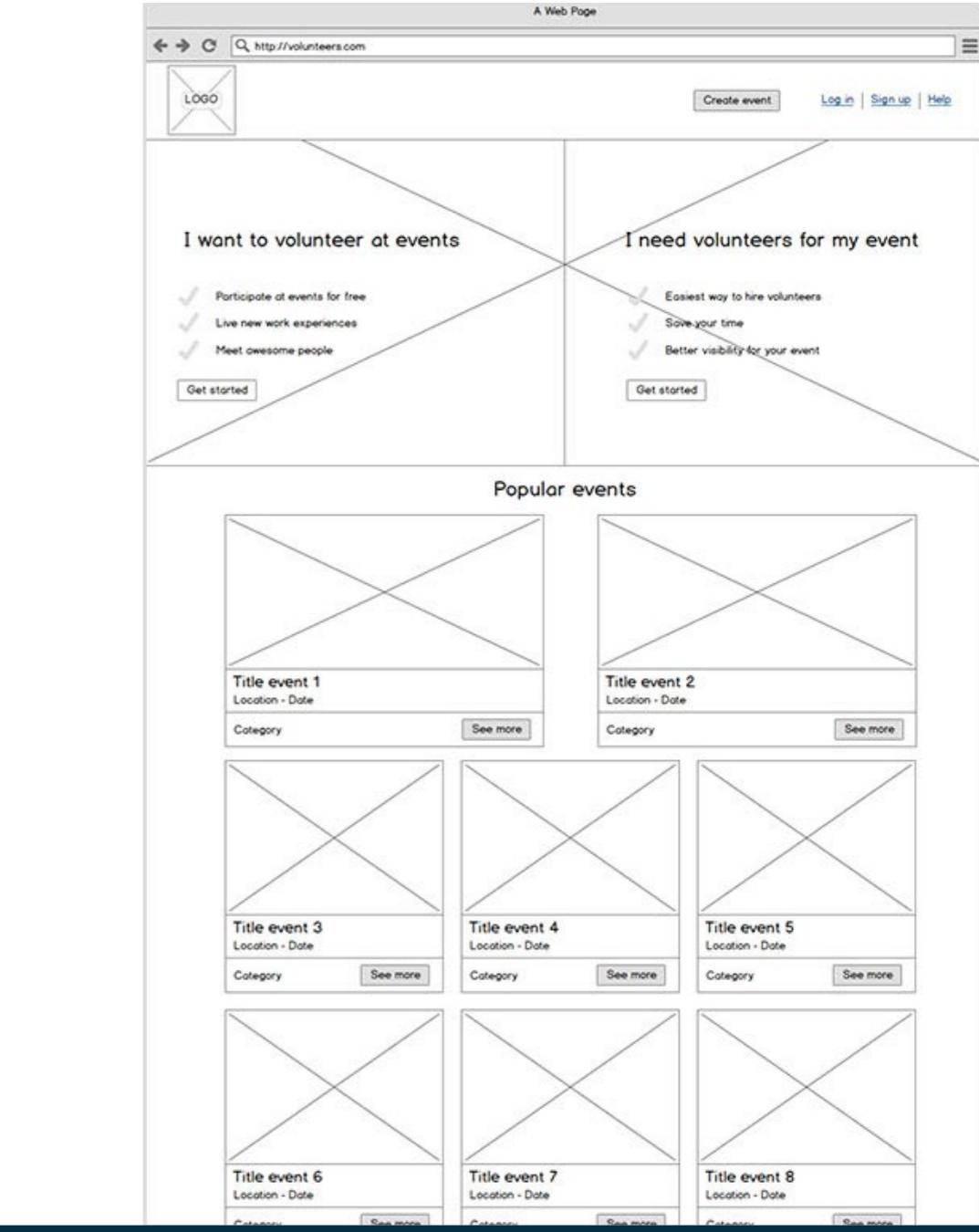
We determined the users and developed several **delivery models** to effectively meet their **needs** before designing the sitemap.



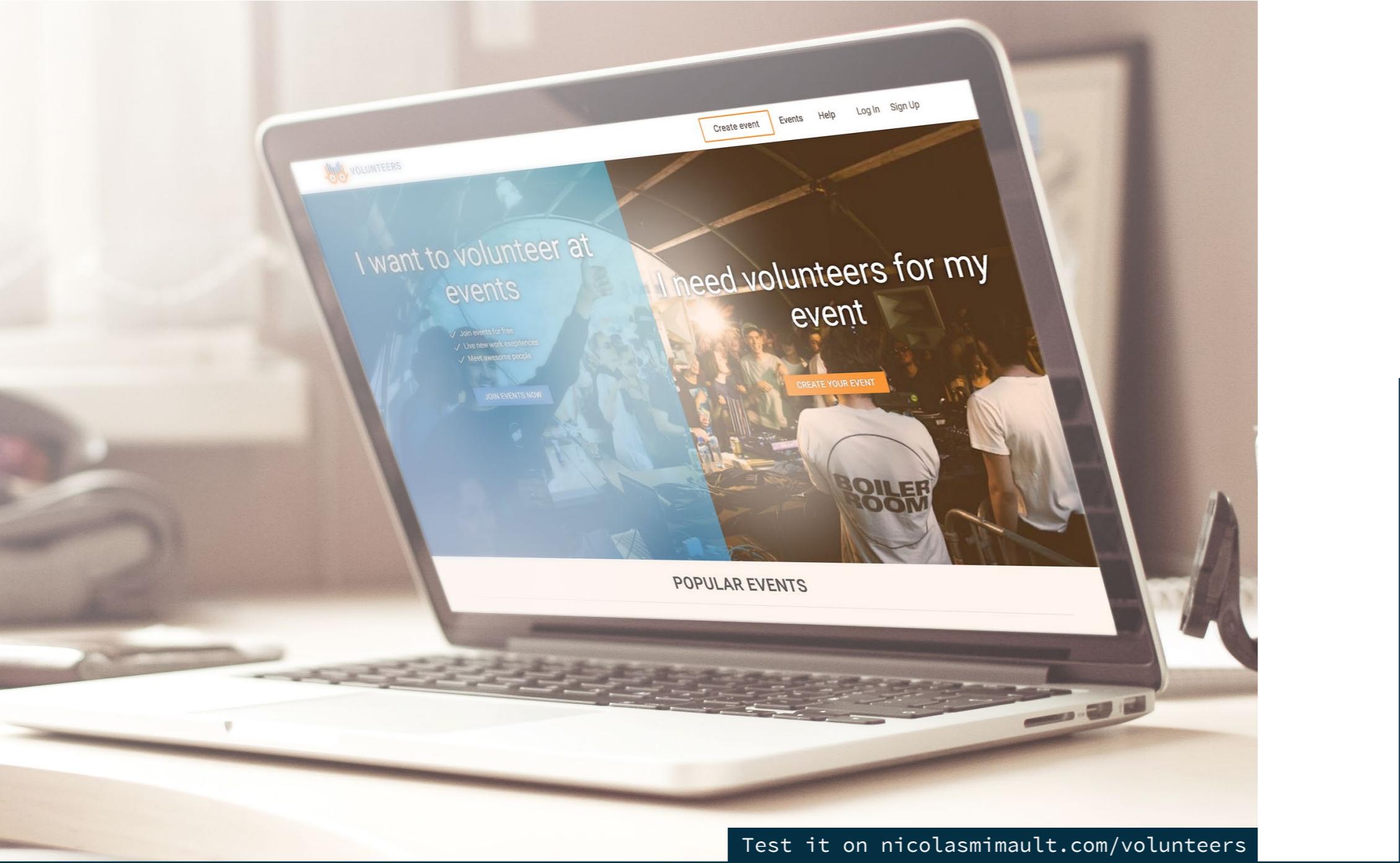
Wireframes

We graphically positioned the necessary **actions** for the proper functioning of the website. We prioritized these interactions to identify 5 website release versions, from the **MVP** to the **Alpha** version.

We designed the **wireframes** of each of our models. We went through several evolutions based on user tests (**A/B testing**). The results of these tests enabled the creation of **mock-ups** within the Beta version.



[Wireframe: landing page]



My interest in webdesign studies comes from my first experience on the Internet. I created the **website of a cultural association** promoting **music and art performances** a few years ago.

UMR RADIO

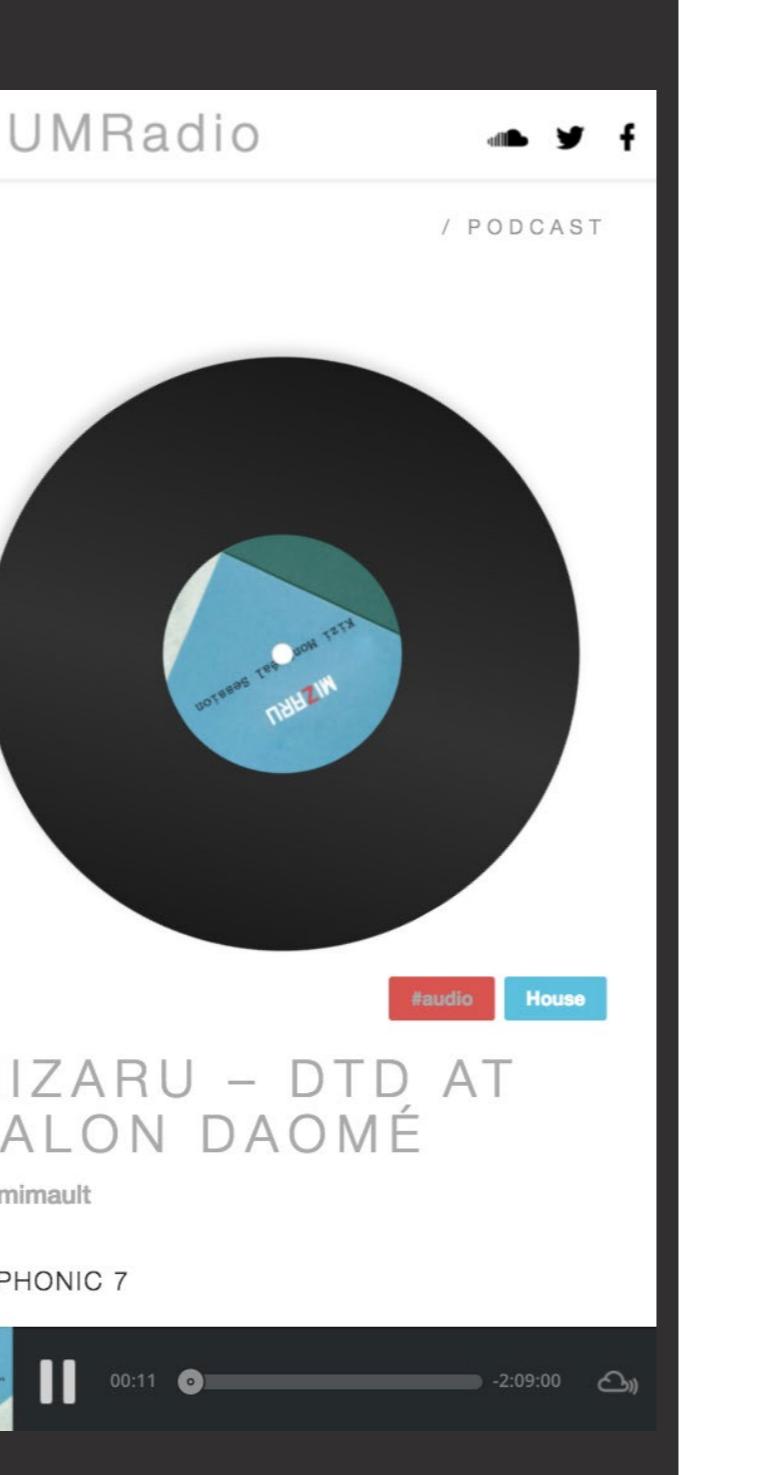
PERSONAL PROJECT 2017

[FRONT-END] [WORDPRESS]

This personal project involved the creation and integration of a cultural web radio interface. When doing this project I used the CMS Wordpress and I integrated a wp theme from scratch.

I used a mixcloud plug-in and I reproduced spinning vynils only with HTML, CSS and Javascript.

You can test the theme on the website toucanrecords.com which is the archives of a blog I was managing in highschool Urban Muse Records.



A screenshot of the UMR Radio website showing a 'NEW RELEASE' section and a 'RECENT PODCASTS' section. The 'NEW RELEASE' section features a thumbnail of a person with a cassette tape for a head, with the text 'PARAZAR - TAPE #2' and 'By mimault'. A 'SEE MORE' button is present. The 'RECENT PODCASTS' section shows a thumbnail for 'Joy Orbison & Andrew Lyster - 23rd July 2016' by NTS Radio, followed by a list of tracks from a mix by MIZARU. The tracks include 'M 02 FUNDAMENTALS VENDI', '09 STRANGE DAYS', '16 LA BACONABLE', '23 LEXEM', and 'EUPHONIC 7'. Below the tracks is a mixcloud player interface. A large empty rectangular box is positioned above the 'RECENT PODCASTS' section.

PARALLEL

ASSOCIATION PROJECT 2019

[WEB] [CREATIVE CODING]

I co-founded Parallel, an association dedicated to organising parties and exhibitions. We also do scenographic installations.

In 2019, I produced the association's communication materials which included a **presentation report** and the **official website**. During the development of the site, I realized a **sound-reactive canvas**, thanks to p5.js the **Processing** language intended for web applications.

I also designed our **logo** at the genesis of the association back in 2015.



PARALLEL

≡ PARALLEL

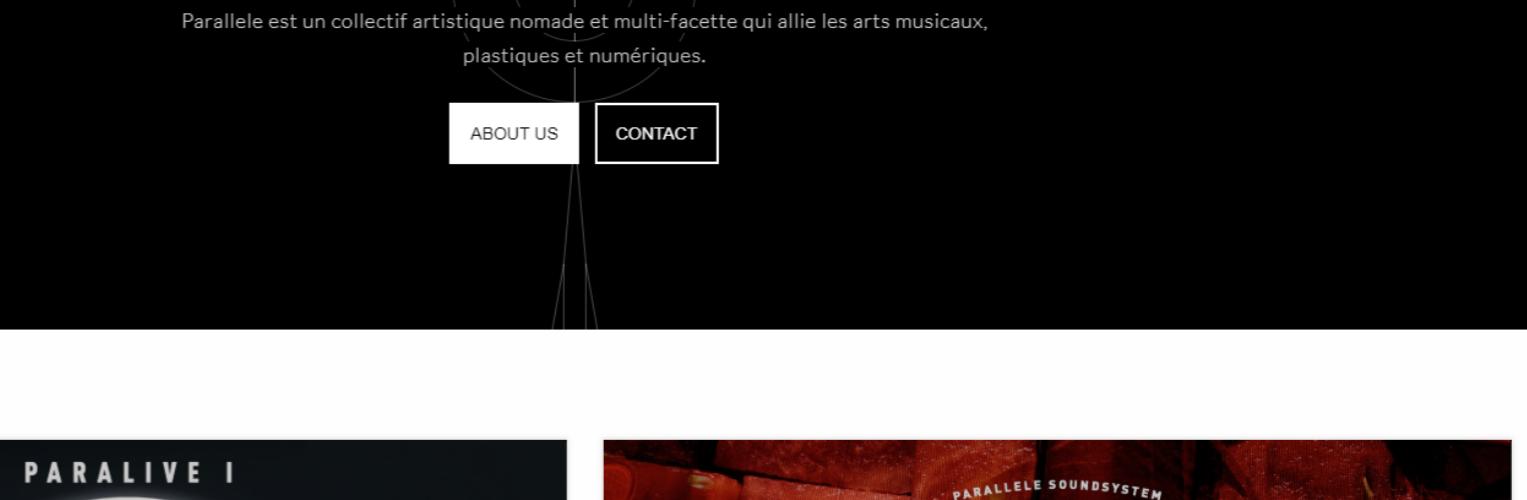
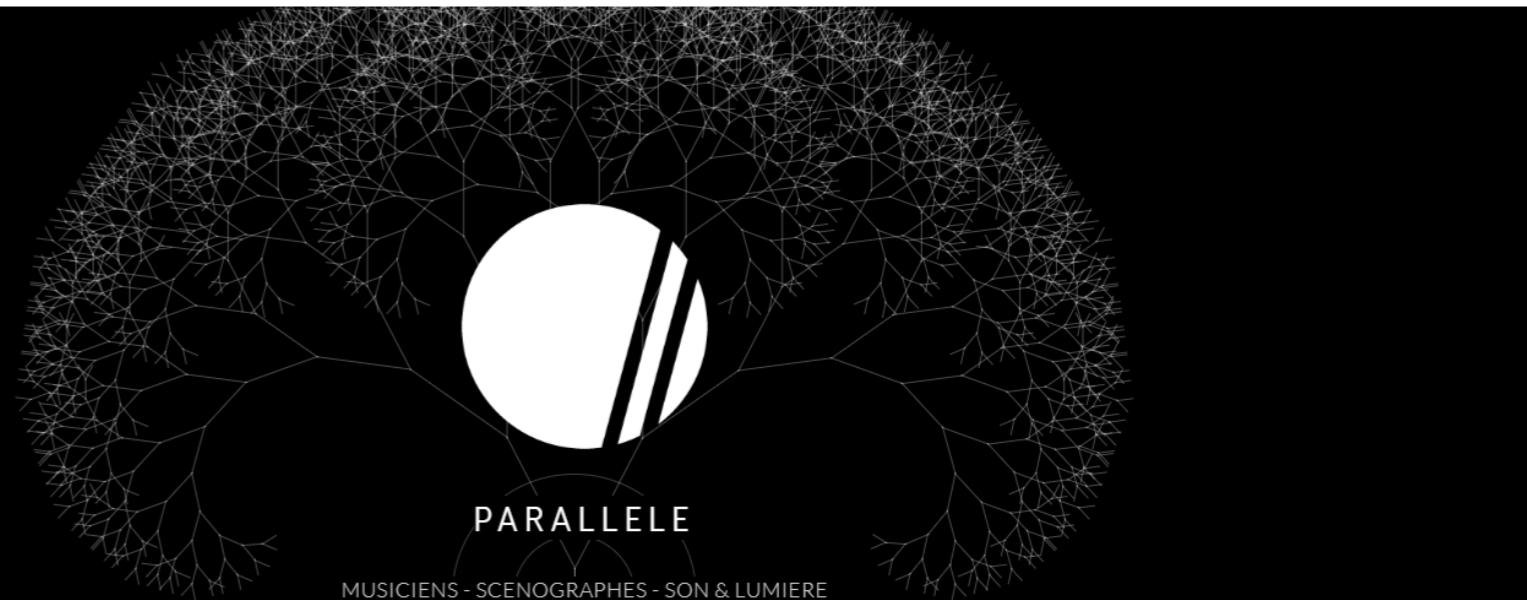
PLAY MUSIC

≡

EVENTS

PARALIVE I

[Homepage: soundreactive canvas]



Visit it on parallel.family

PROTOTYPES

T-ZION

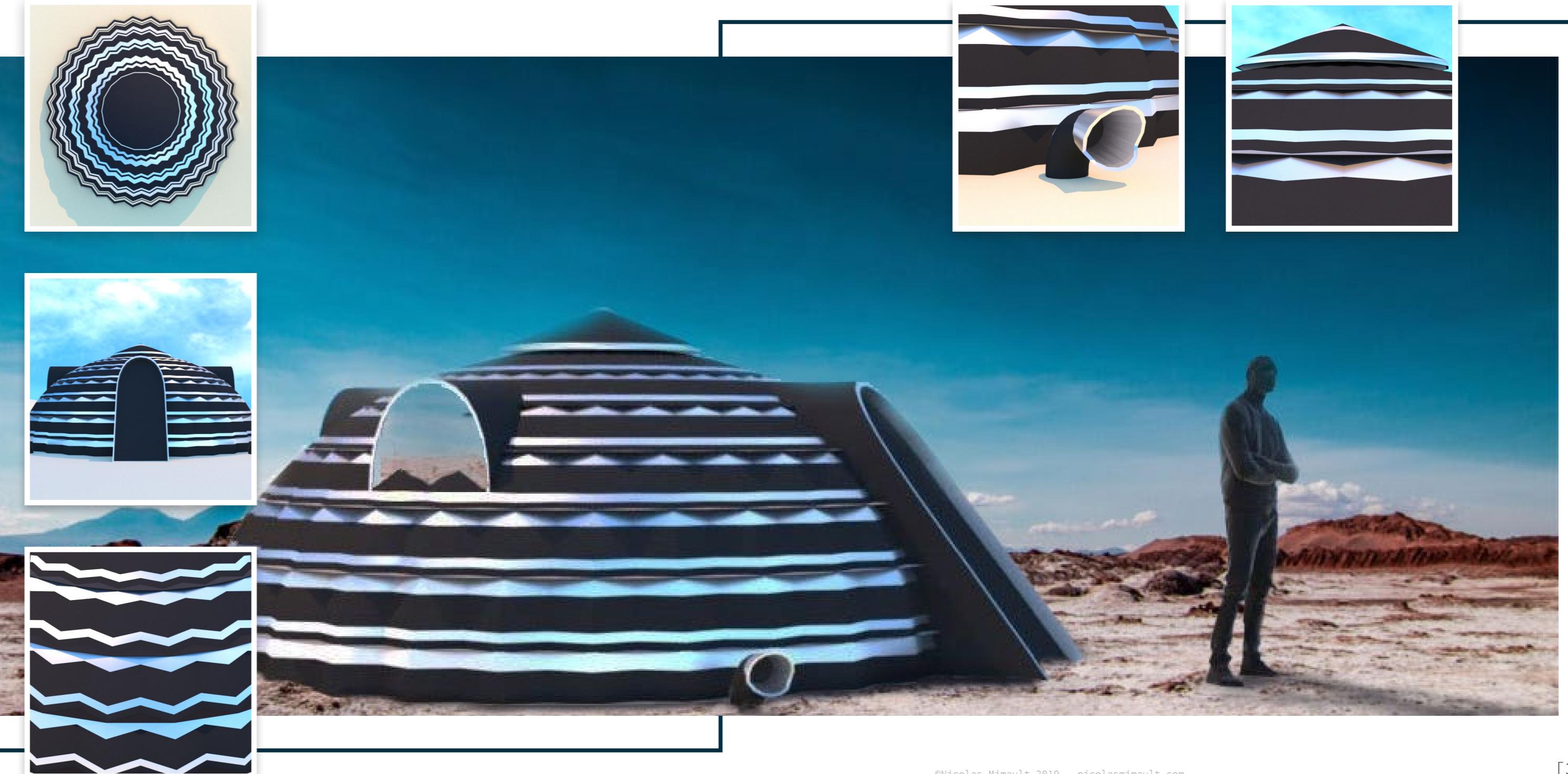
BIOMIMETISM 2019

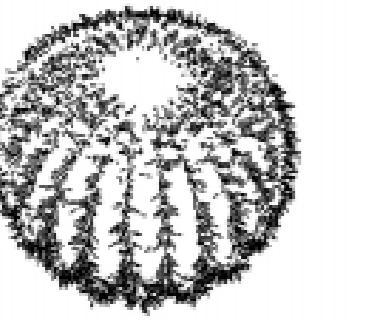
[BRIEF]

Team: Alexandra Agay, Anais Benchetrit, Ilia Gerber

The T-Zion project is a tent **designed for the desert**. It has the particularity of meeting all the expectations of a tent in extreme conditions such as rear environments.

The method used is based on the **Biomimetism** courses taught at Sciences Po by Guillain Graves, founder and designer of the Big Bang Project agency. We used the website asknature.com for inspiration.

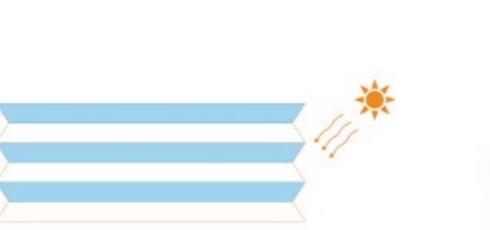




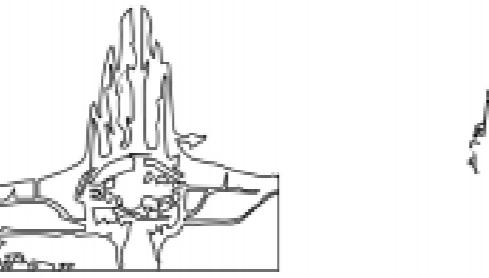
CACTUS

Echinocactus grusonii

The POD like cactus reduces its surface exposed to the sun thanks to its serrated shape.



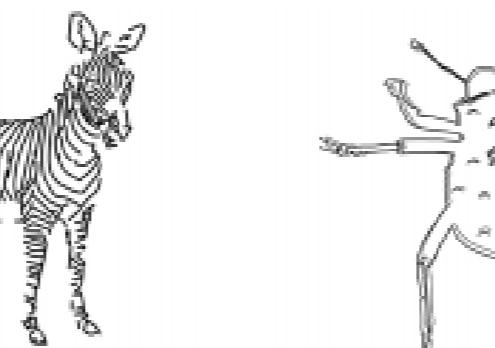
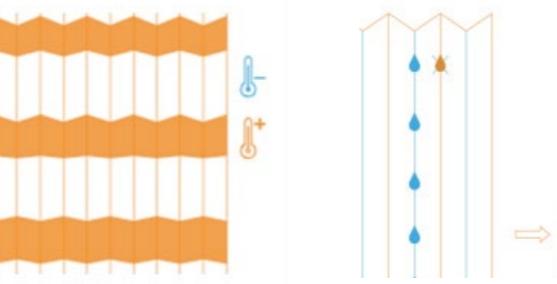
[Inspiration from nature: asknature.com]



TERMITE MOUND

Amitermes meridionalis

Efficient ventilation is guaranteed by the canopies and the ducts that pass under the ground. The hot air is evacuated through the central chimney.



ZEBRA

Equus zebra

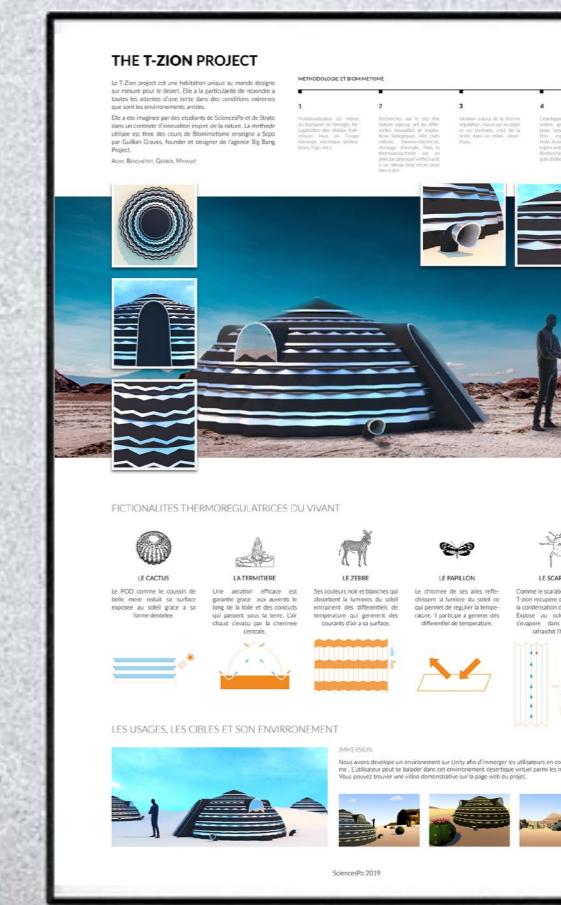
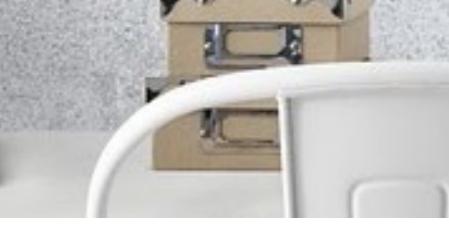
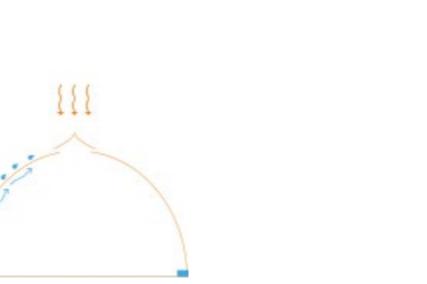
Its black and white colors that absorb sunlight cause temperature differentials that generate drafts on its surface.



BEETLE

Tenebrionidae

The beetle recovers on its shell from the water thanks to the condensation of the air. Water heats up in the sun and evaporates cooling the pod.



Recap poster
+
Immersive unity
world

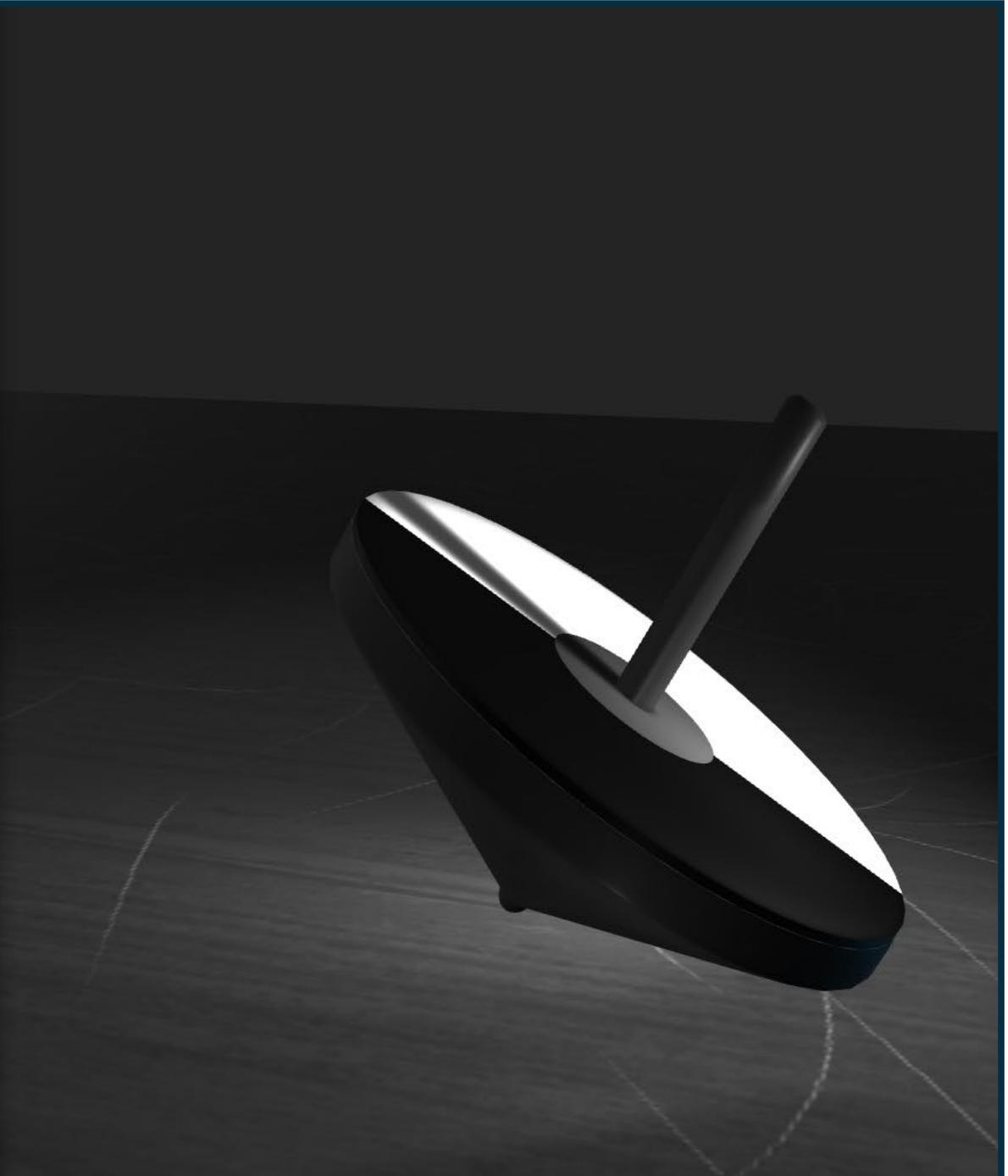
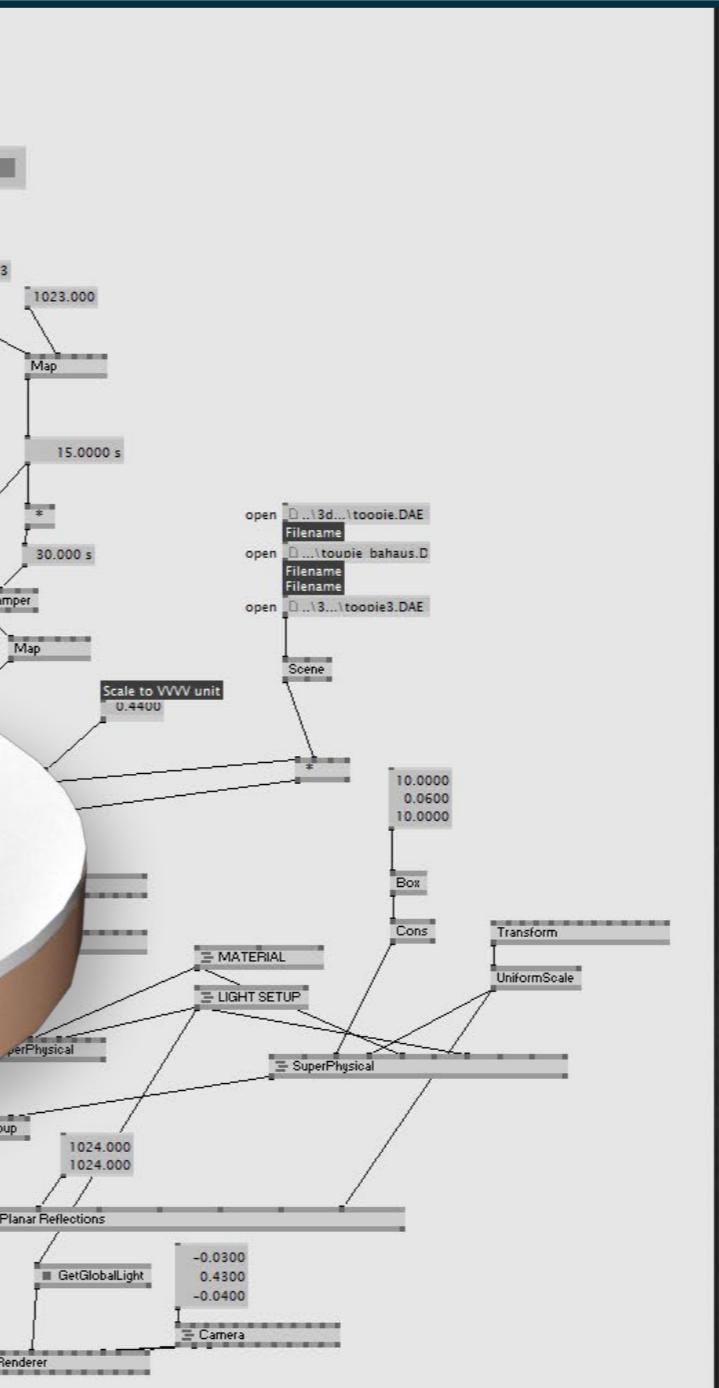
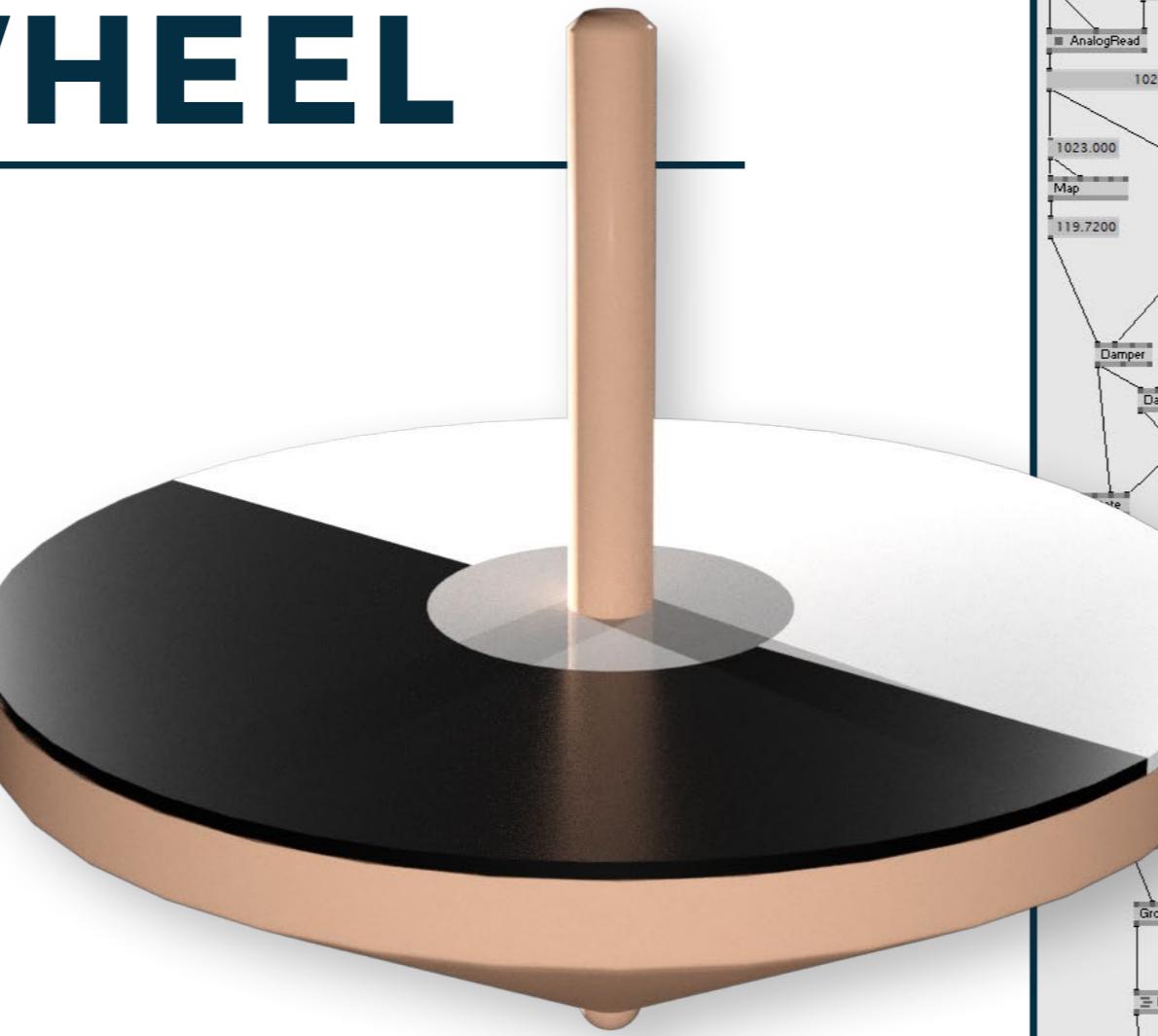
iSPINNING WHEEL

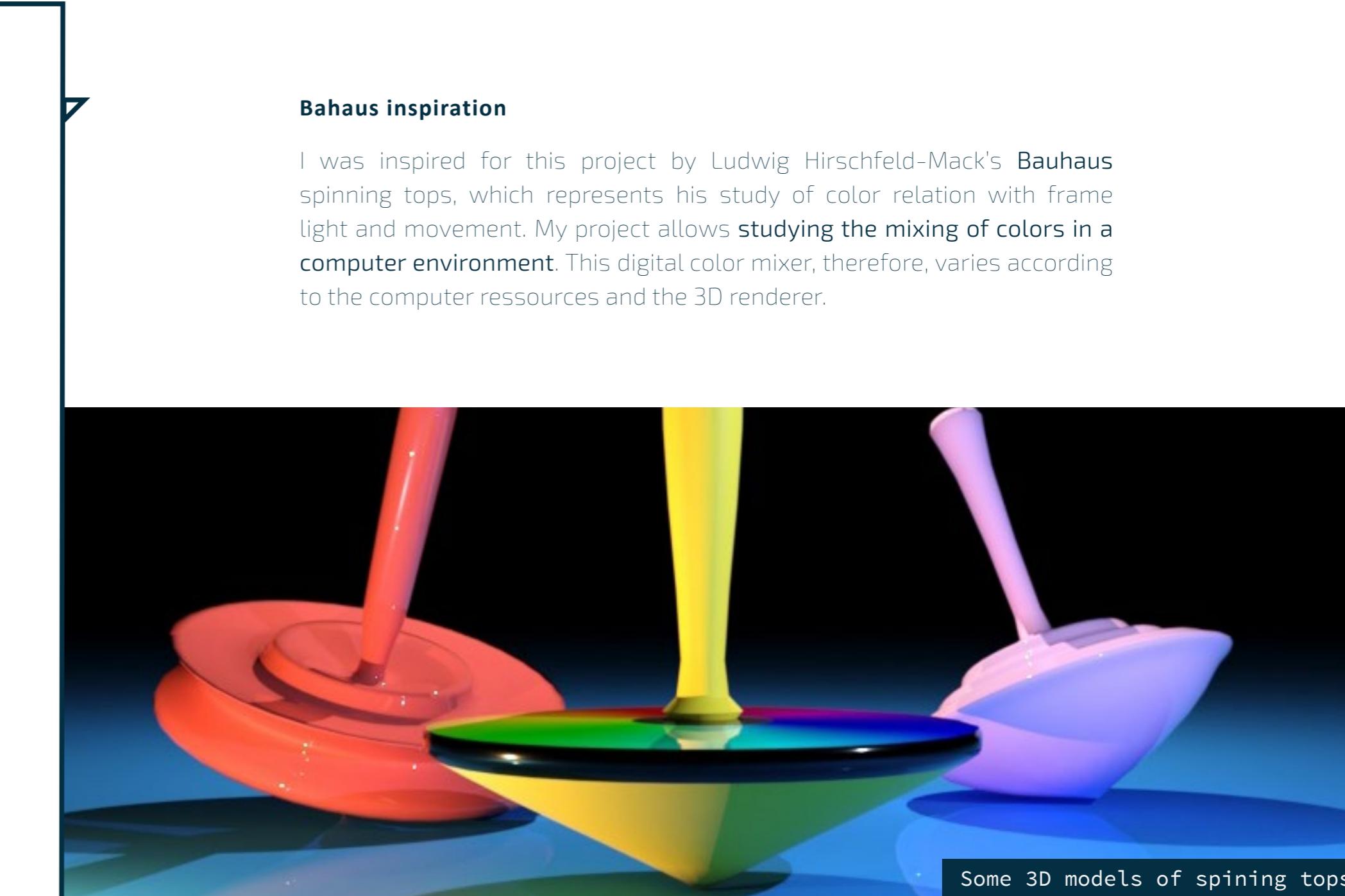
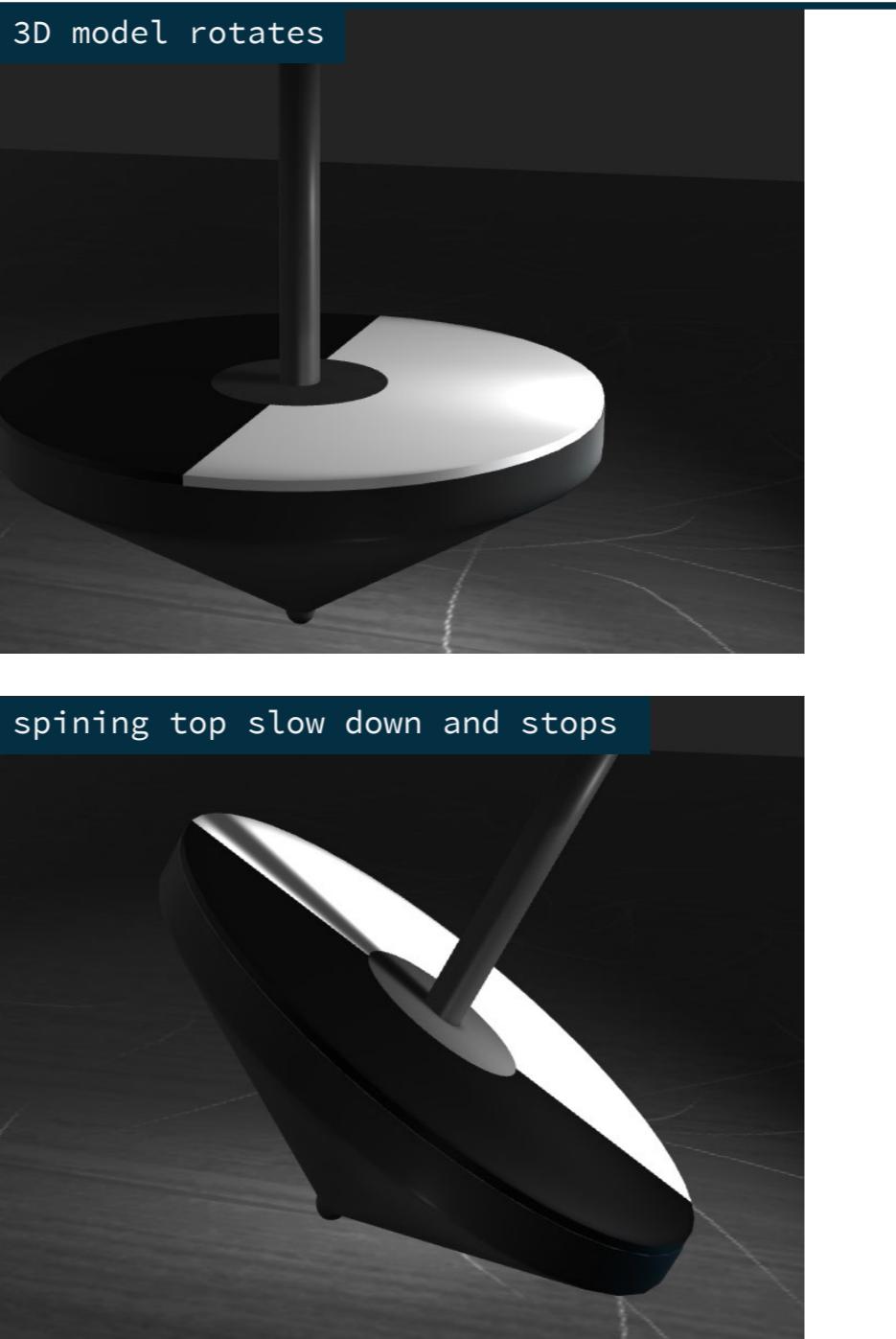
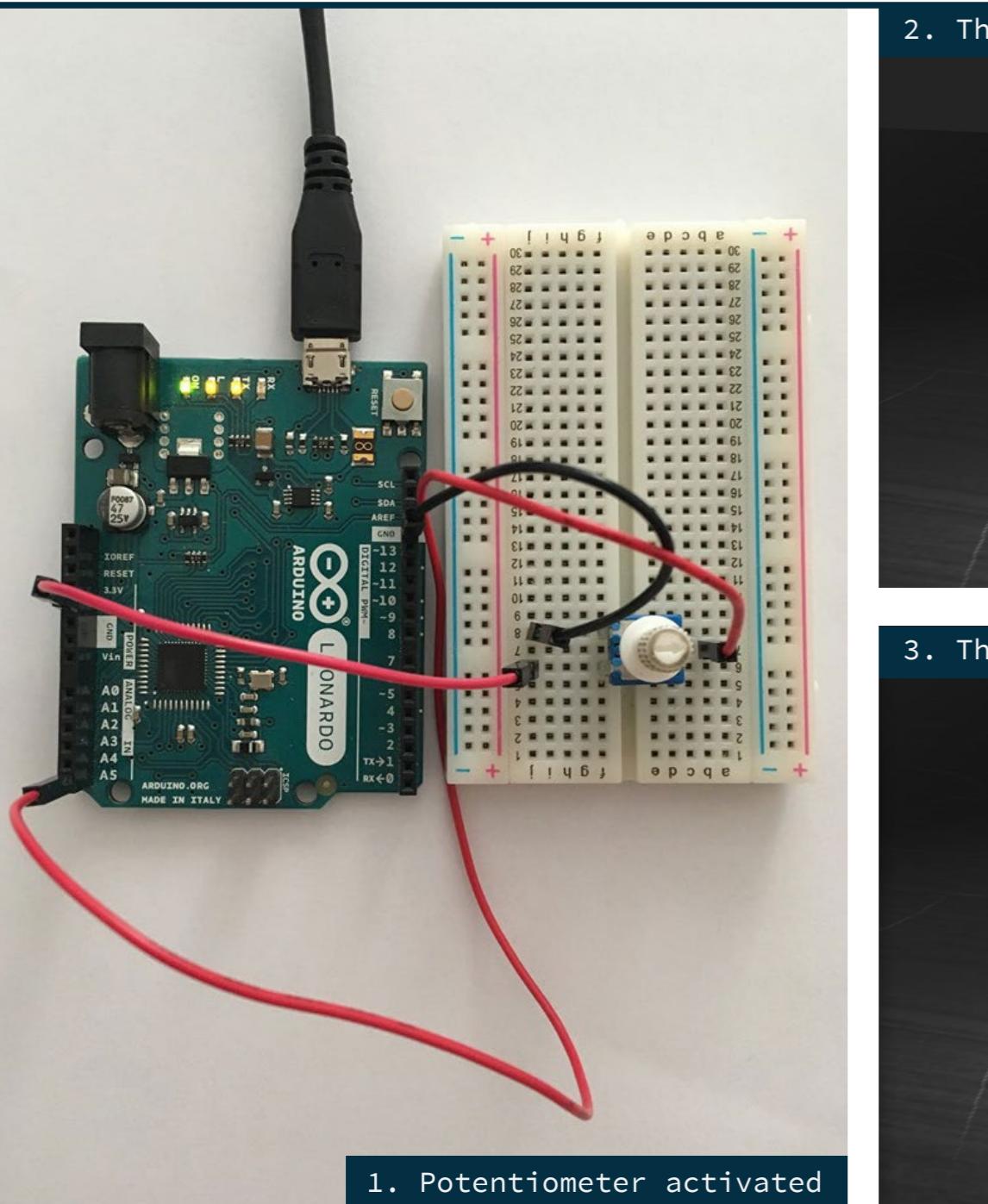
PERSONAL PROJECT 2019

[DIGITAL COLOR MIXER]

The iSpining Wheel is a personal project to implement the VVVV open-source toolkit that allows you to make **real-time interactive systems**. The objective here was to connect an **Arduino** microcontroller to a **3D model**. This allows me to create interactive 3D prototypes with tangible controls.

watch video @nicomimault





Some 3D models of spinning tops

Bauhaus inspiration

I was inspired for this project by Ludwig Hirschfeld-Mack's **Bauhaus** spinning tops, which represents his study of color relation with frame light and movement. My project allows **studying the mixing of colors in a computer environment**. This digital color mixer, therefore, varies according to the computer resources and the 3D renderer.

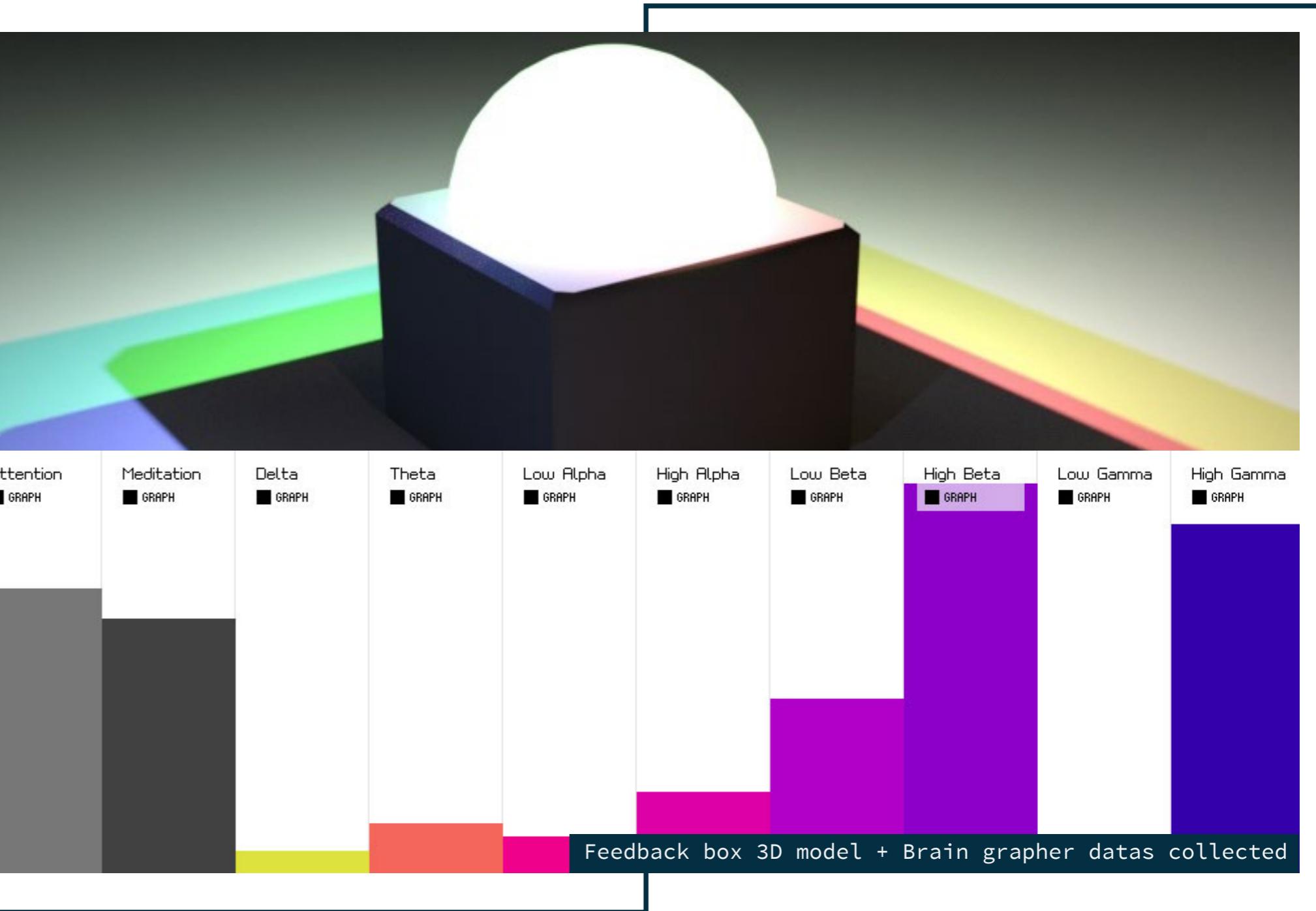
ZENS

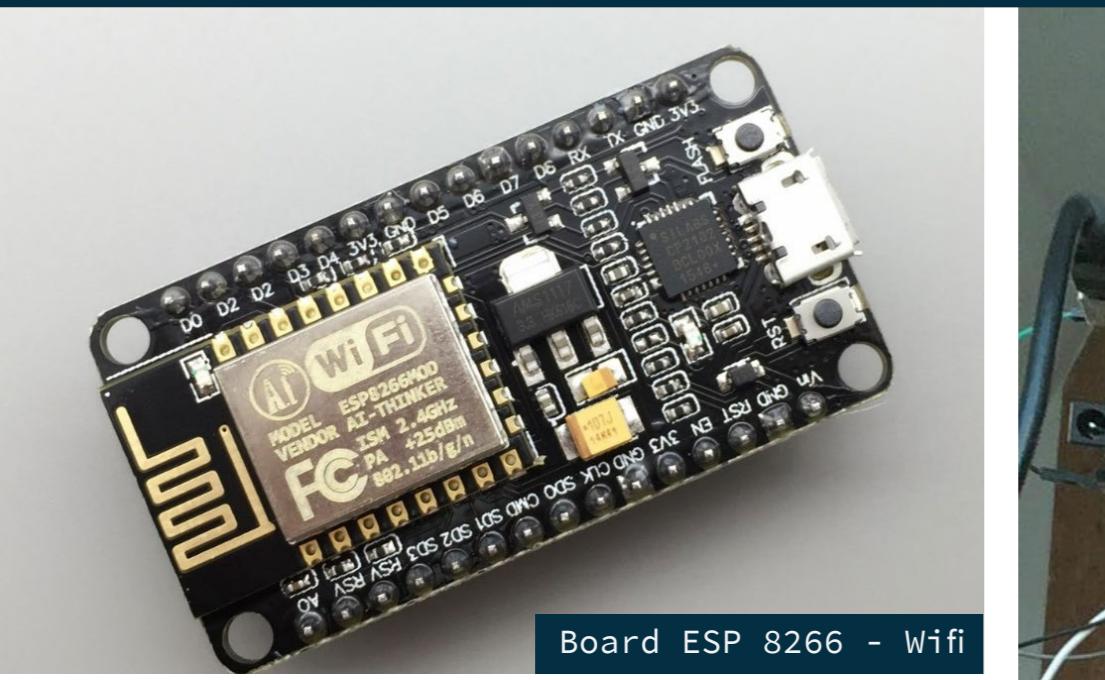
IOT 2019

[AI] [NEUROSCIENCES]

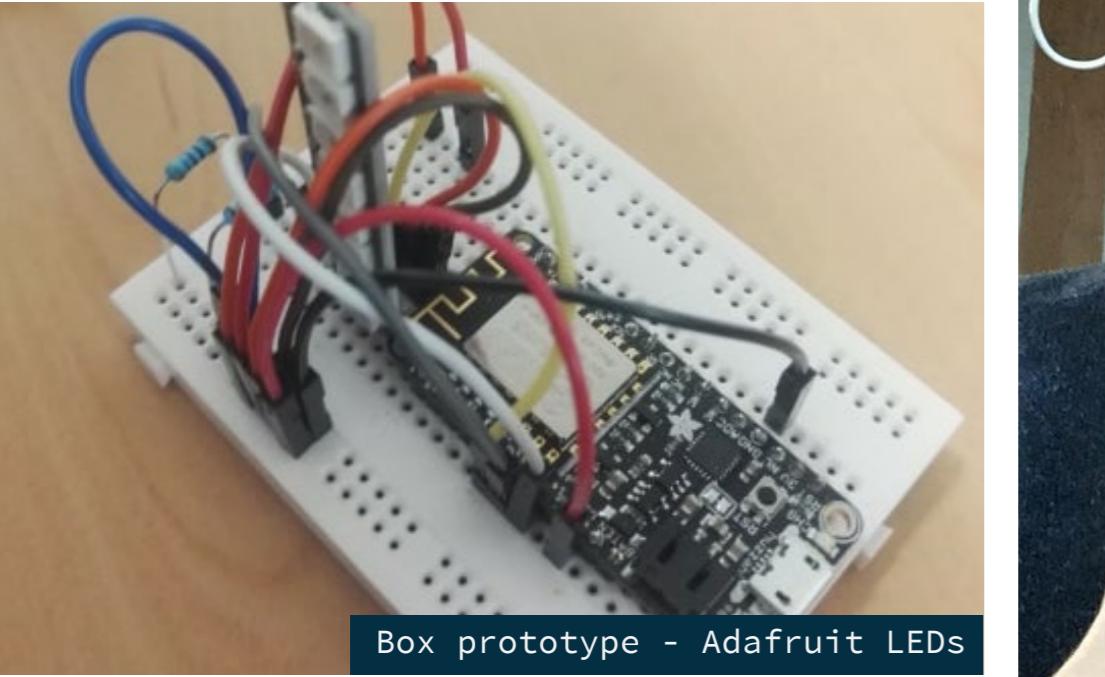
Team: Jules Saur, Valentin Leblanc, William Borgomano

Zens is an IOT concept developed in sciences Po which aims to **accompany meditation at home**. The users are equipped with an EEG (electroencephalogram) headset and benefit from **luminous and audio feedback** thanks to a boxing session during the meditation session. The user can then follow the evolution of his achievements and keep a sensory trace of his session thanks to an app.

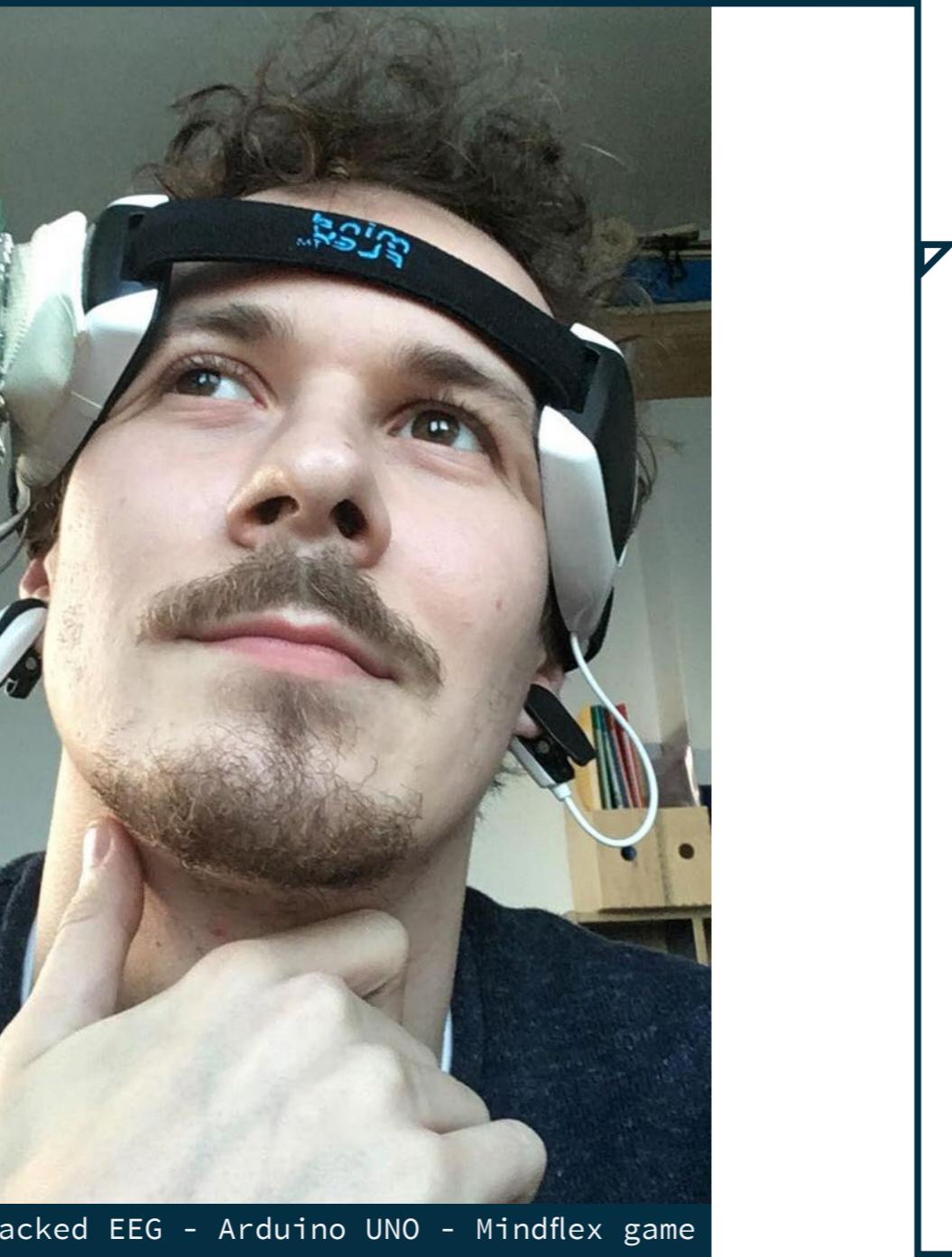




Board ESP 8266 - Wifi



Box prototype - Adafruit LEDs



Hacked EEG - Arduino UNO - Mindflex game

Technical approach

From a technical point of view, the helmet is equipped with **electrodes** and sends its data to the computer via an **Arduino Uno Board** which will be processed by artificial intelligence and a **classification model**. Depending on the classification of its data, a signal is sent to the Adafruit server which communicates with the **microcontroller ESP88** of the box which then emits sensory feedback.

```
data2 = pd.read_csv('test_brain_data_prediction.csv')
data2 = data2.drop(['connexion'], axis=1)
```

```
X2 = np.array(data2)
print(X2.shape)
#print(Y)
```

```
(26, 10)
```

```
prediction = model.predict_classes(data2)
prediction_classes = np.argmax(to_categorical(prediction), axis=-1)
prediction_classes = encoder.inverse_transform(prediction_classes)
print('Predicted class: ', prediction_classes)
```

```
Predicted class: ['n3' 'n1' 'n3' 'n1' 'n3' 'n1' 'n1' 'n1' 'n3' 'n3' 'n3'
'n1' 'n3' 'n1' 'n1' 'n3' 'n1' 'n1' 'n1' 'n1' 'n3' 'n1' 'n3']
```

Tensorflow classification model trained with brain data

JAGERBOT

SCHOOL PROJECT 2017

[MECANIC] [PROTOYPING]

This a 3 month group project. We are conceiving a robot for the alcohol company, Jager.

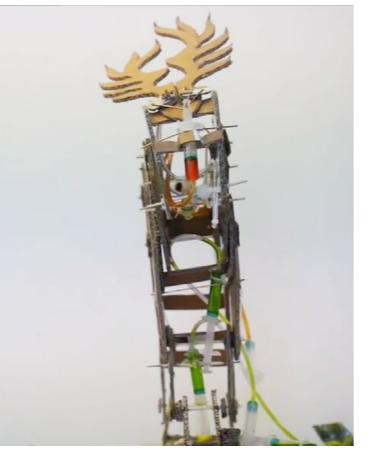
Its main function is to serve Jagerbombs. The scenario is simple, the robot has to fill the shot, fill the beer **take the shot and put it in the beer**.

The idea behind it is to build an immersive experience for the user and to promote the brand.

⌚ watch video @nicomimault



FUNCTIONAL MODEL V1



It rotates on itself



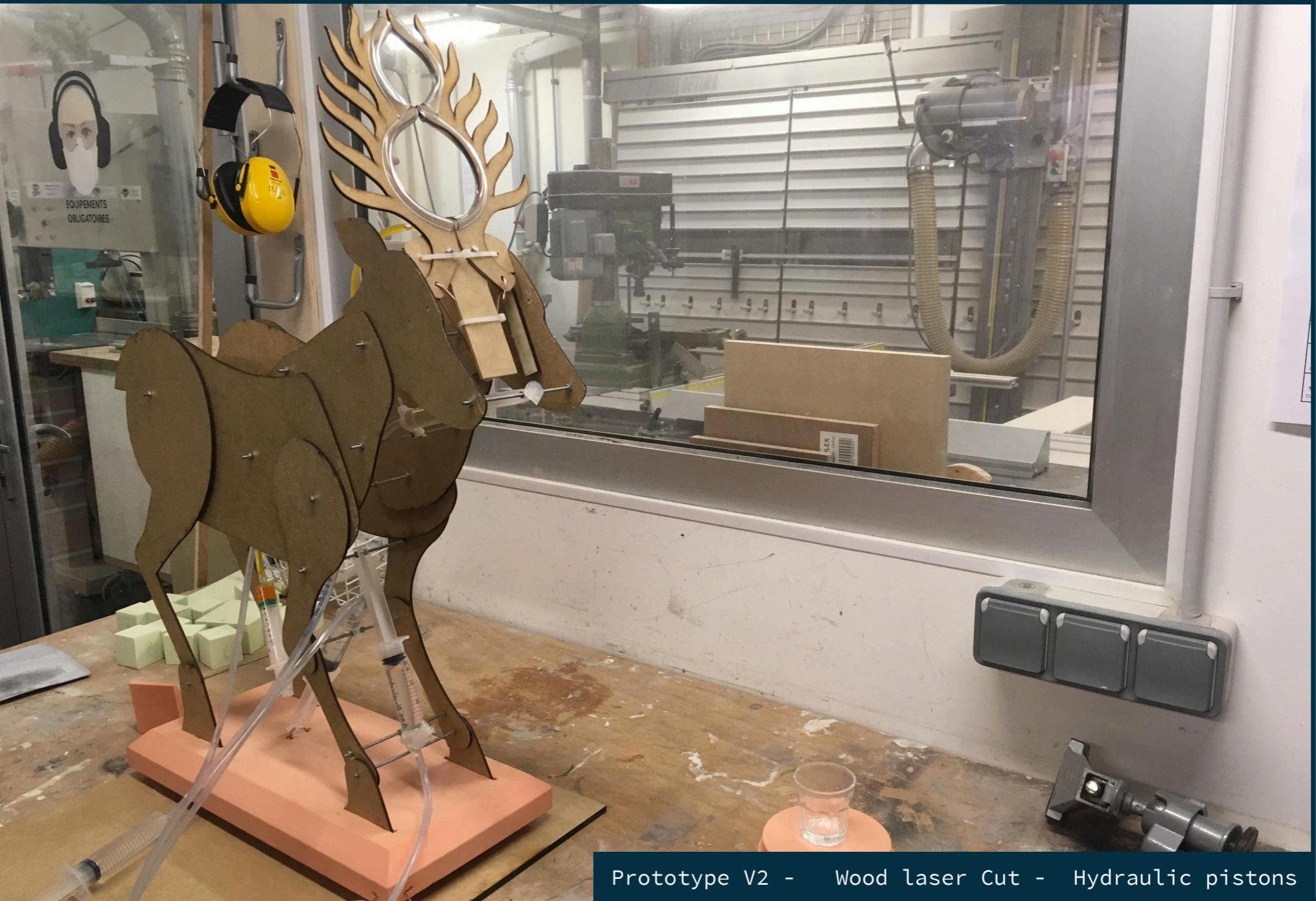
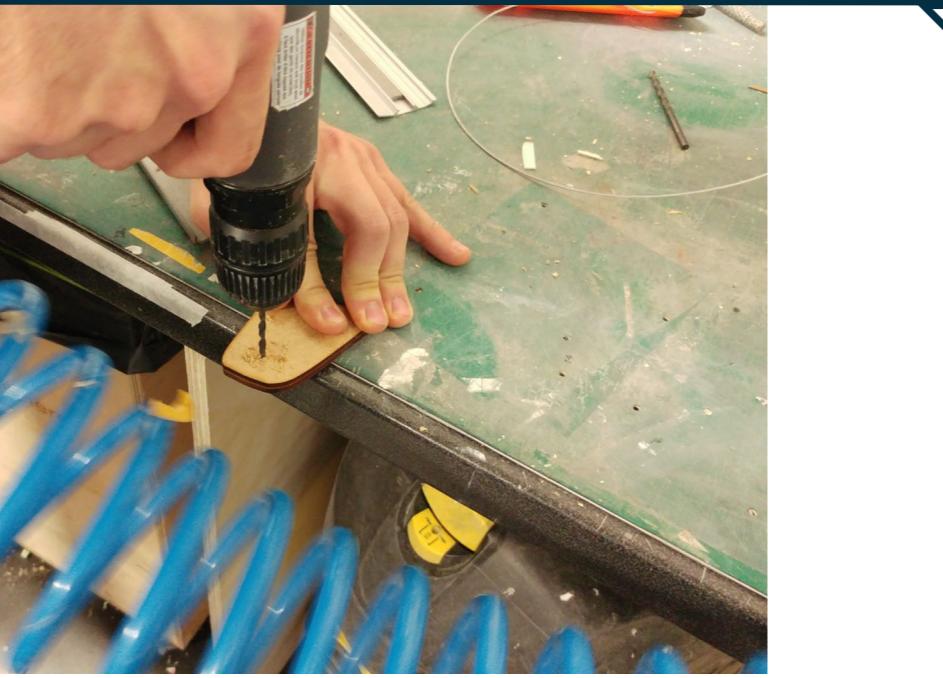
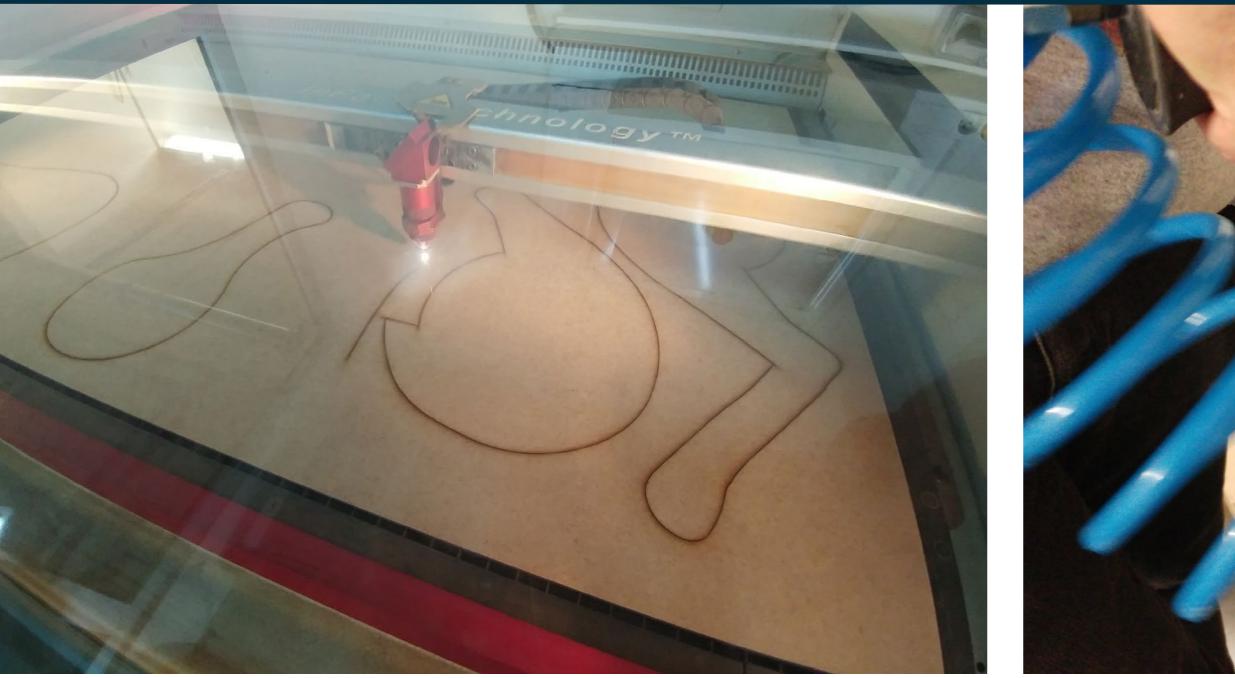
bends down in two steps



The robot's grip can expand or shrink



It gets back up in two steps



Prototype V2 - Wood laser cut - Hydraulic pistons

SCENOGRAPHY

LED SHOWS

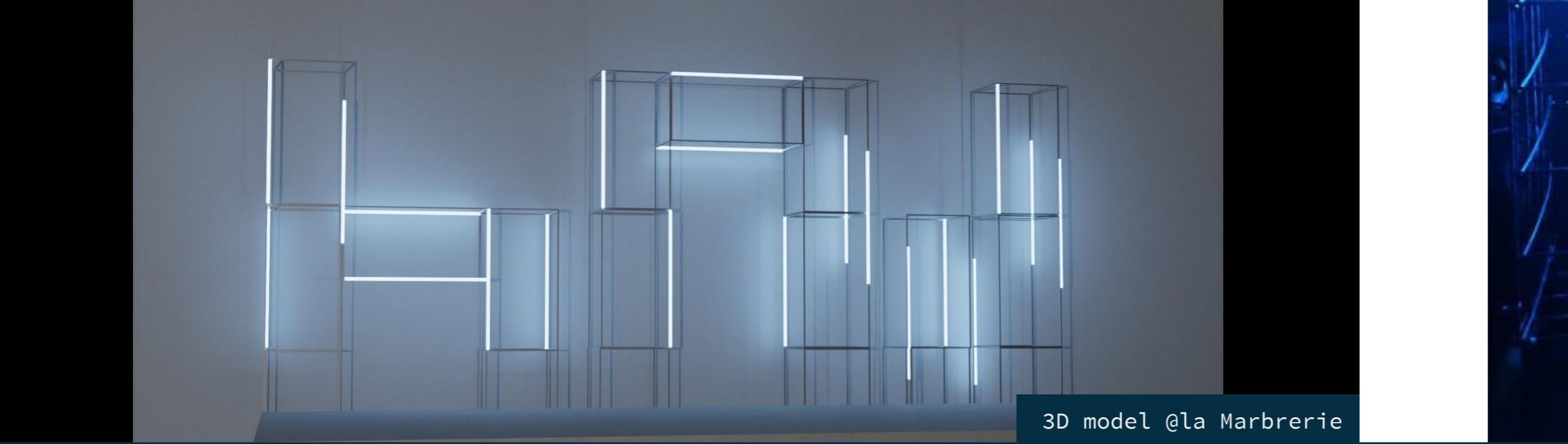
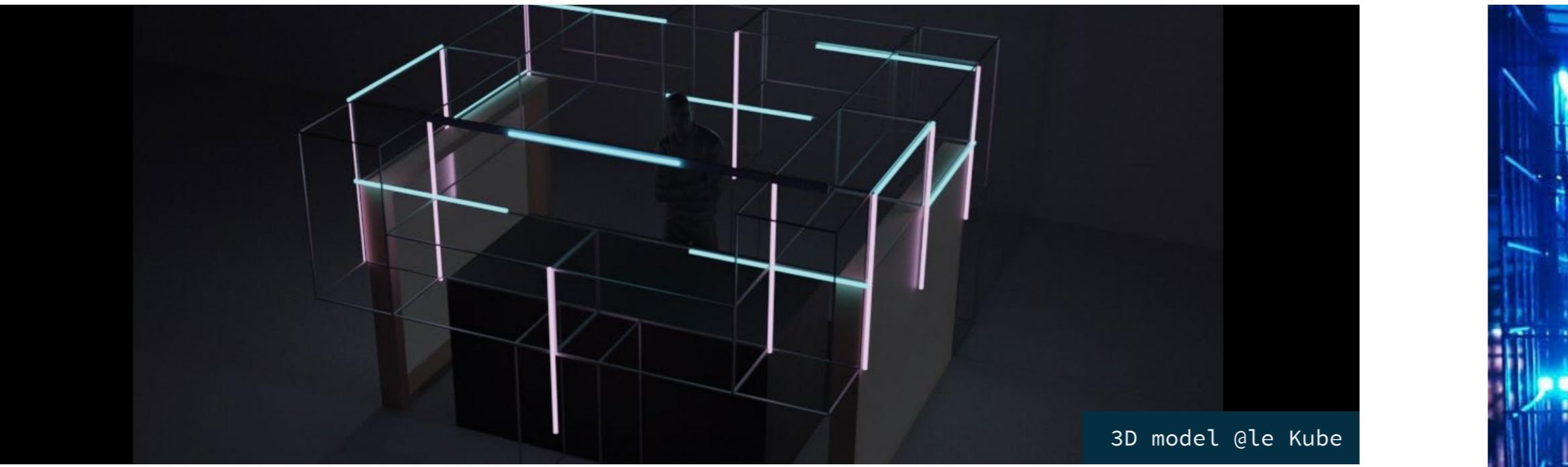
EVENTS 2019

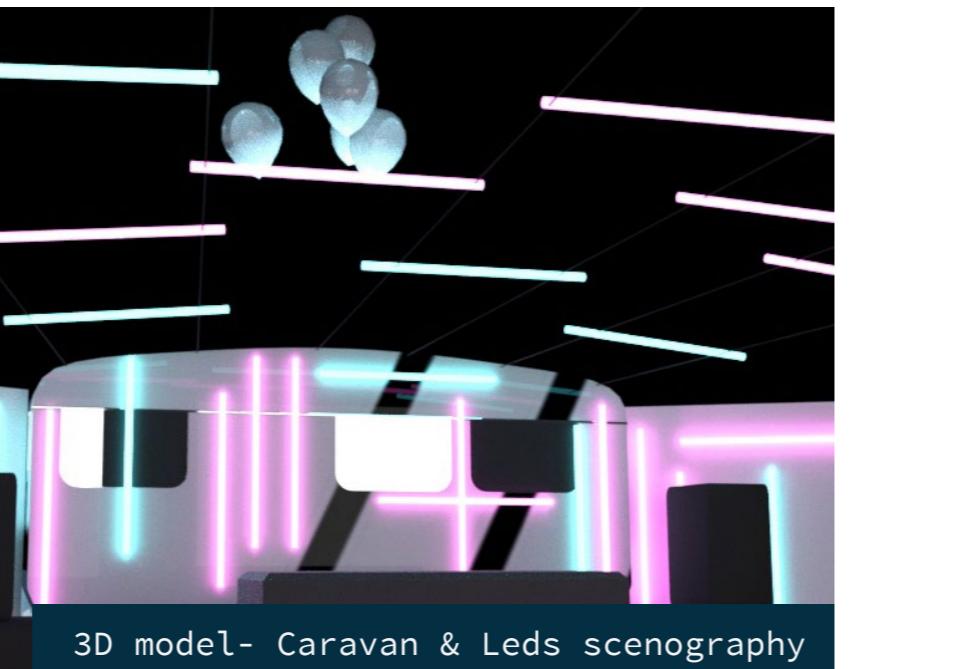
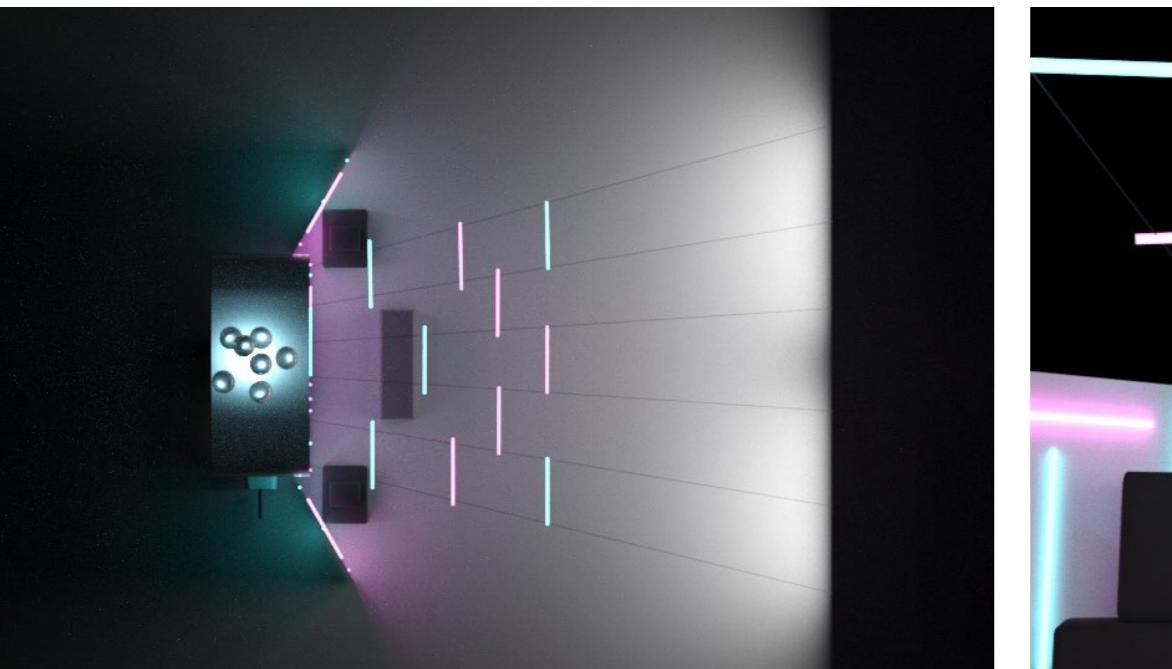
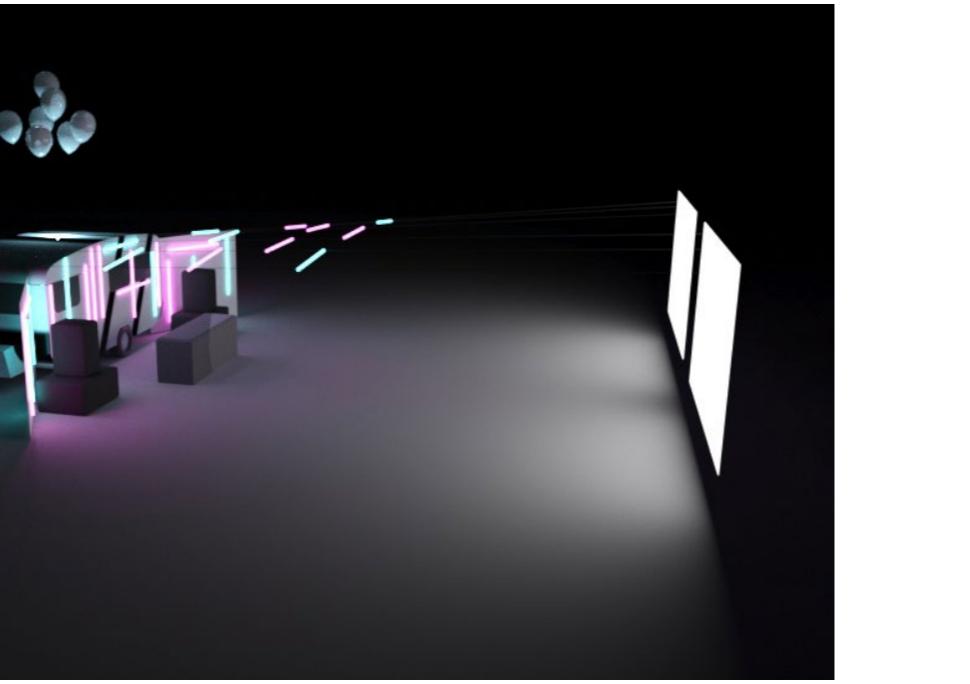
[LIGHTS] [ART]

Team: Jules Perriot, Elie Oriol, Michael Sedbon

During a series of events in February and March 2019, we created a **modular scene system** with gabions and LEDs. We have realized all the connections and we have developed a software thanks to the **VVVV toolkit** to control the **LEDs**. An interactive **3D model** allowed us to visualize our scene live and multiple options allow us to manage colors, animations, potentially **sound-reactive**.







3D model- Caravan & Leds scenography

I have also conceptualized a set of 3D scenography with LEDs intended to futur projects

VJING

SCENOGRAPHIES 2017

[VIDEO] [ART]

[Mapping & Vjing

I had the opportunity to make video projections mix during several events. I did some mapping and Vjing which awakened my interest in the scenery.

I did the projection of the middle-eastern group Shkoon at the Petit Bain in june 2017. Their live show is available on Youtube and currently cumulates 250000 views.





Vjing // NAYDA #1 - Shkoon Live @Le Petit Bain



LET'S WORK TOGETHER

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