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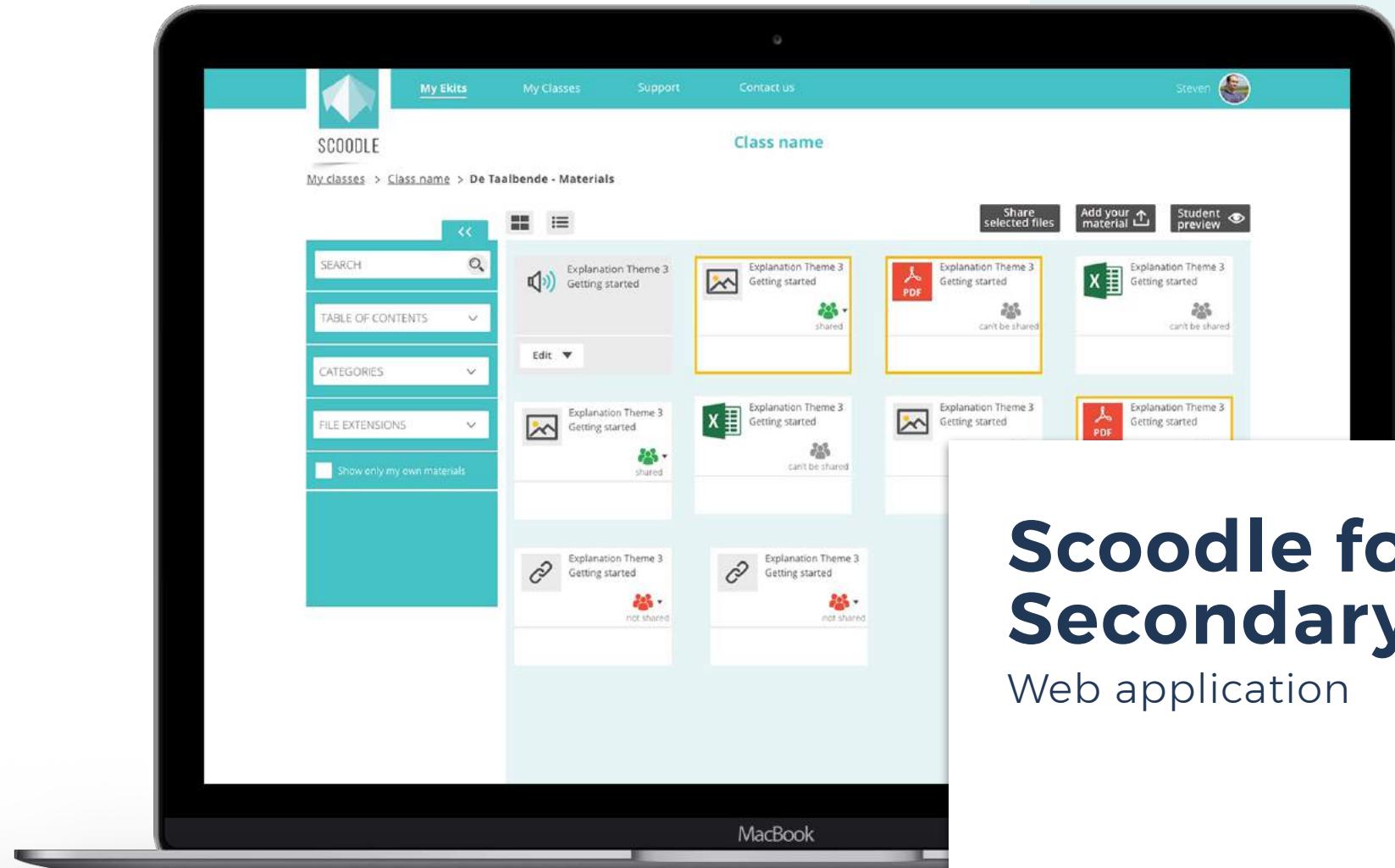
NORA PEKKER

*User Experience consultant*

*Portfolio*

# Web applications

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# Scoodle for Secondary teachers

Web application

**Role:**

Research, UX Design, UI Design

# Scoodle for Secondary Teachers

Educational Platform

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## **Role:**

Research, UX Design, UI Design

## **Summary:**

Scoodle is the online platform of Plantyn, a leading educational publisher in Belgium. They provide online materials and planning tools for teachers.

I was responsible for the total redesign and creation of the new classroom concept for secondary education. I also created a style guide for Scoodle and turned it into a responsive web application.

## Competitors ANALYSIS 12/09/2016

### CLASSDOJO

<https://www.classdojo.com>

Class dojo is a platform for simple class management for teachers. It is also available for students and parents.

Teachers are able to create their own classes following the 6 steps:

- You choose your role (teacher, student etc)
- You pick your school
- Give a name and a year for your class
- Add students
- Invite parents
- Defining skills

After creating a classroom teachers see their students in the classroom.

They can add, remove students. They can also invite the parents of the students.

They can check every student about who is present (online or offline individually)

They can share a news in their class (use a facebook news feed)

Or message a certain pupil and his/her parents.

They can create groups, rooms within the class if needed.

They can give feedback on student's performance adding points on different skills, (entire class or individual)

They can check on student's report (their performance) and filter on based on the skills they set up. (new can be added or can be removed later)

Skills can be either good: classroom participation, or bad: being unprepared.

Remarks have their own weight set up by the teacher.

more info:

<https://classdojo.zendesk.com/hc/en-us/categories/200185275-For-teachers>

### Positive:

A great way to use instead, with very good UX and UI even in the finest details have been thought of and designed very well.

All the features are working perfectly and very intuitively.

Contacting the entire class, or students and parents very easy.

Evaluating students on pre-set up skills is very easy. The results of those evaluation on skills are easily comprehensible, very visual.

## SCHOOLGY <https://app.schoolgy.com/home>

### SUMMARY

After analysing our competitors, we can clearly state that all of them are offering a little bit of different mixture of functions.

The charts help to quickly summarise what do our competitor offer. When making the Schoolgy classroom we have to make sure we don't try to provide everything, but we create a mixture of functions which is a meaningful combination to our customers.

### Classdojo

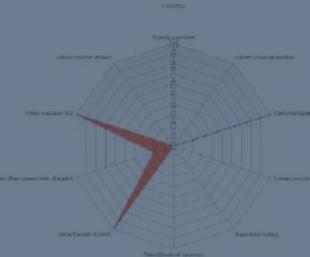
Classdojo is a platform to manage your classes.

There is a possibility of assessments of students but not based on content but customizable skills.

Teachers can track their students based on their skill evaluation and communicate with students/partent if necessary.

Classdojo is also a platform to communicate easily with your entire class.

It doesn't provide though any content, or planning tools, nor the chance to create your own exercises, or lessons.

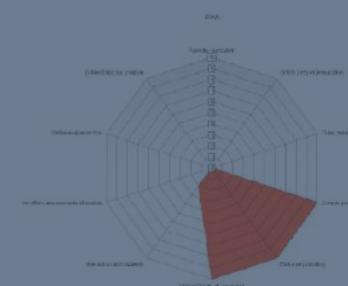


### Diddit

Provides content, exercises, and results on their own exercises.

They made their function in a way that it is build around their books, their content, and help to use them more efficiently.

They do not provide any other functions to class management, planning, further evaluation etc.



### Chalk

Chalk provides one of the most wide range of functions.

It has a planning section with agenda, curriculum, government goals etc.

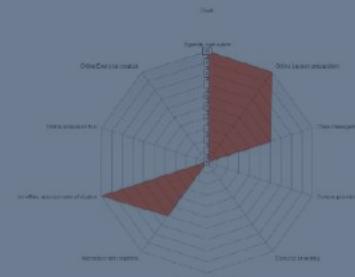
It has a class management function. Teachers can add their students and record certain assignments results such as test results, homework, presentation etc.

Based on those manually entered results further statistics available about students progress or the task itself.

It doesn't provide any content itself, nor the chance create your own exercises.

Because of lack of content the results are based on the other evaluations created manually by the teacher similar to Classdojo.

Interaction with students/parents is limited.



### Socrative

The main focus of Socrative is exercises.

It is a tool for teachers to quickly create online quizzes.

They can share those exercises with their students at

They can follow up on students performance based on

There is also a limited class concept which is basically

It doesn't provide any content, nor further class man-

# Understand Business

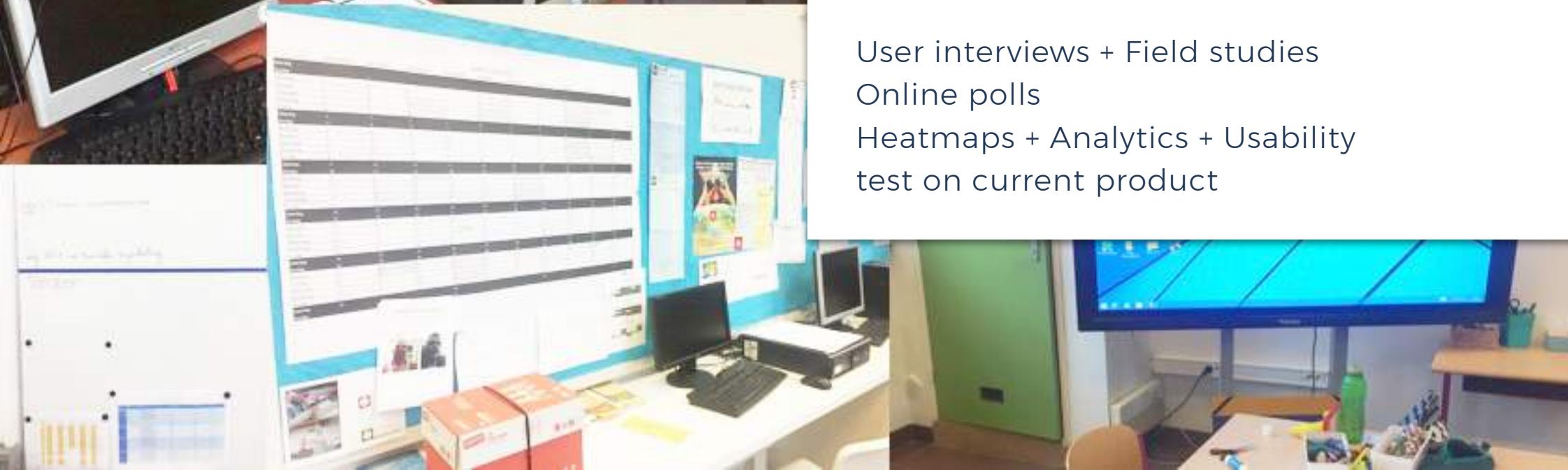
Stakeholder interview  
Expert interview  
Competitor's analysis





## Understand Users

User interviews + Field studies  
Online polls  
Heatmaps + Analytics + Usability test on current product





## Bart De Raeymaekers

'Feedback and statistics, obviously for exercises but also for materials.  
Those statistics can be interesting for parent's evenings...'

### DEMOGRAPHICS

Geography Teacher at a small town High School

Early 40's

Rotselaar

### PERSONALITY

Very passionate and opinionated about education.

In the last couple of years he is experimenting with more and more online educational tools.

Created his own online platform for the school.

### FRUSTRATIONS

No insight of student activities

The exercises are unreliable, so he has to look for other exercises

The system is slow

### NEEDS AND GOALS

Monitor student performance and activity

Reports, statistics he can use for evaluation

To be able to see also the effort the students put into an exercise, not only the result

### CHARACTERISTICS

Familiarity with Scoodle

Computer skills

Tools used at work

Offline

Online

## Eline Céline

'A digital education teacher that wants to have the opportunity to detect certain problems.'

### DEMOGRAPHICS

English Teacher in secondary education

Early 30's

Lives and works in Brussels

### PERSONALITY

Believes in personal coaching, customized learning paths.

Interested in special education

Regularly visits educational conferences

## Define

Personas

Empathy map

User journeys

### FRUSTRATIONS

Want to get a view on a individual student performance.

Collect extra information from students.

### NEEDS AND GOALS

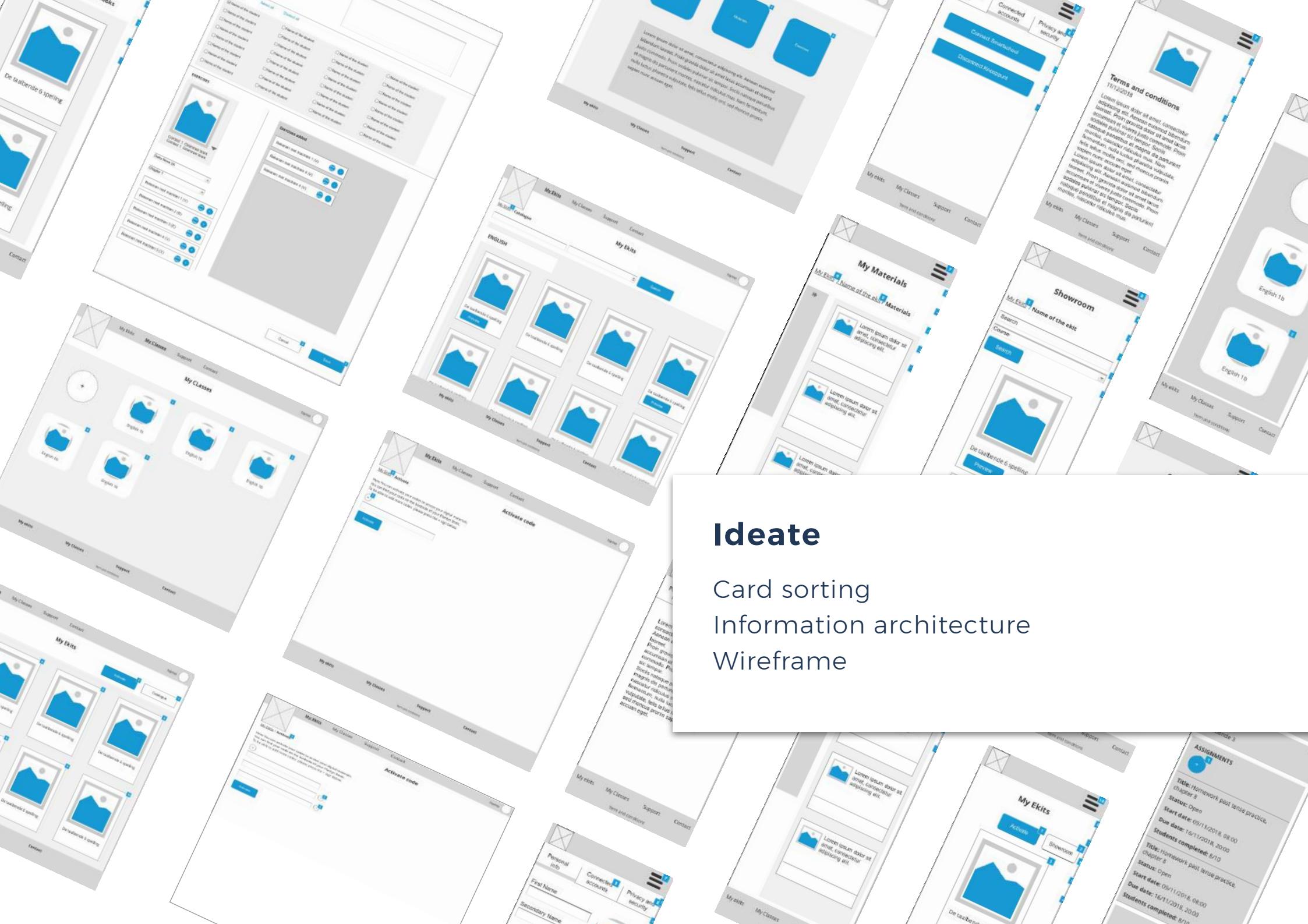
She would like to create groups of students within a class.

Detailed report not only on class level, but on individual level on a student performance.

Exercises on different difficulty levels.

# Ideate

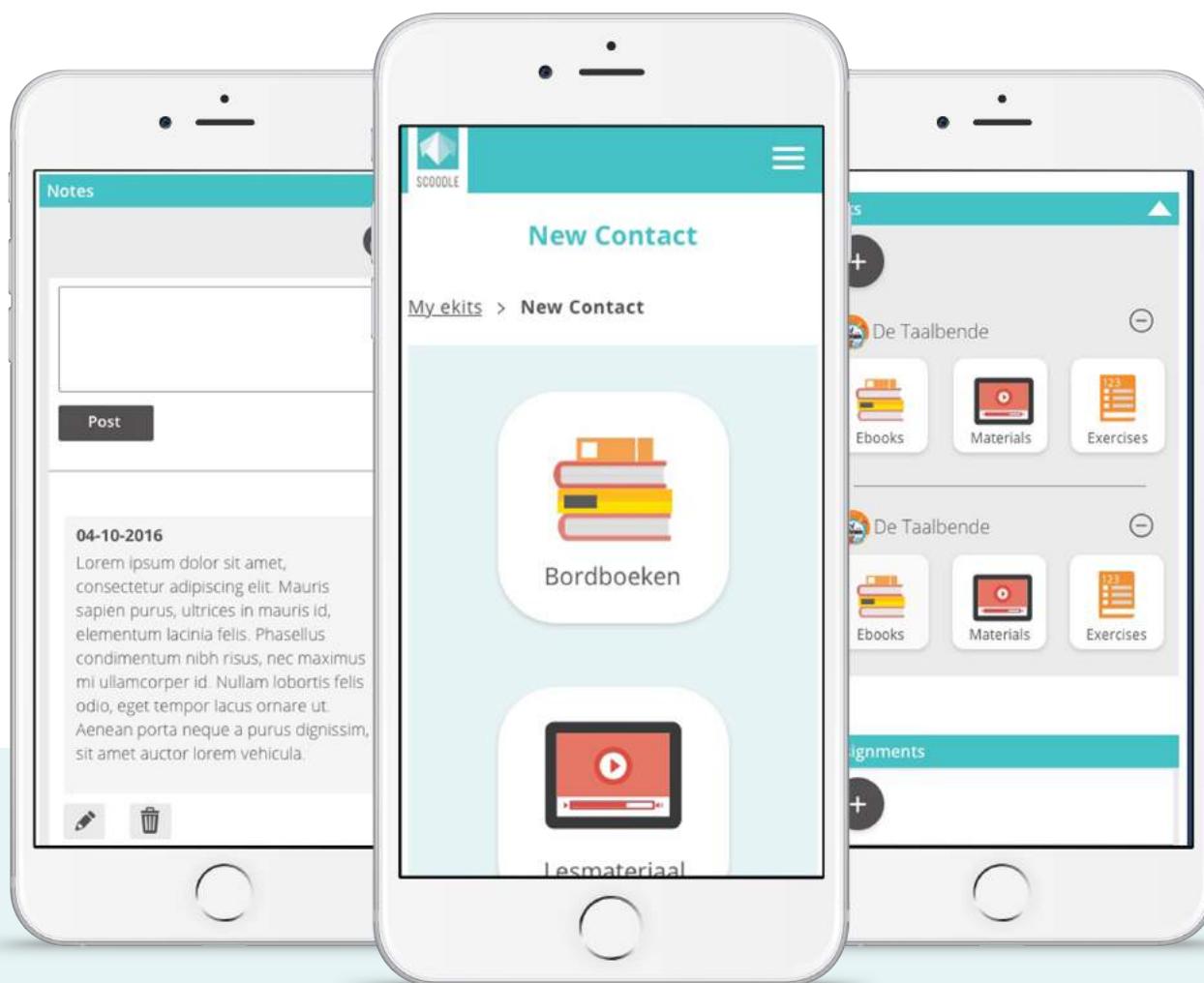
## Card sorting Information architecture Wireframe

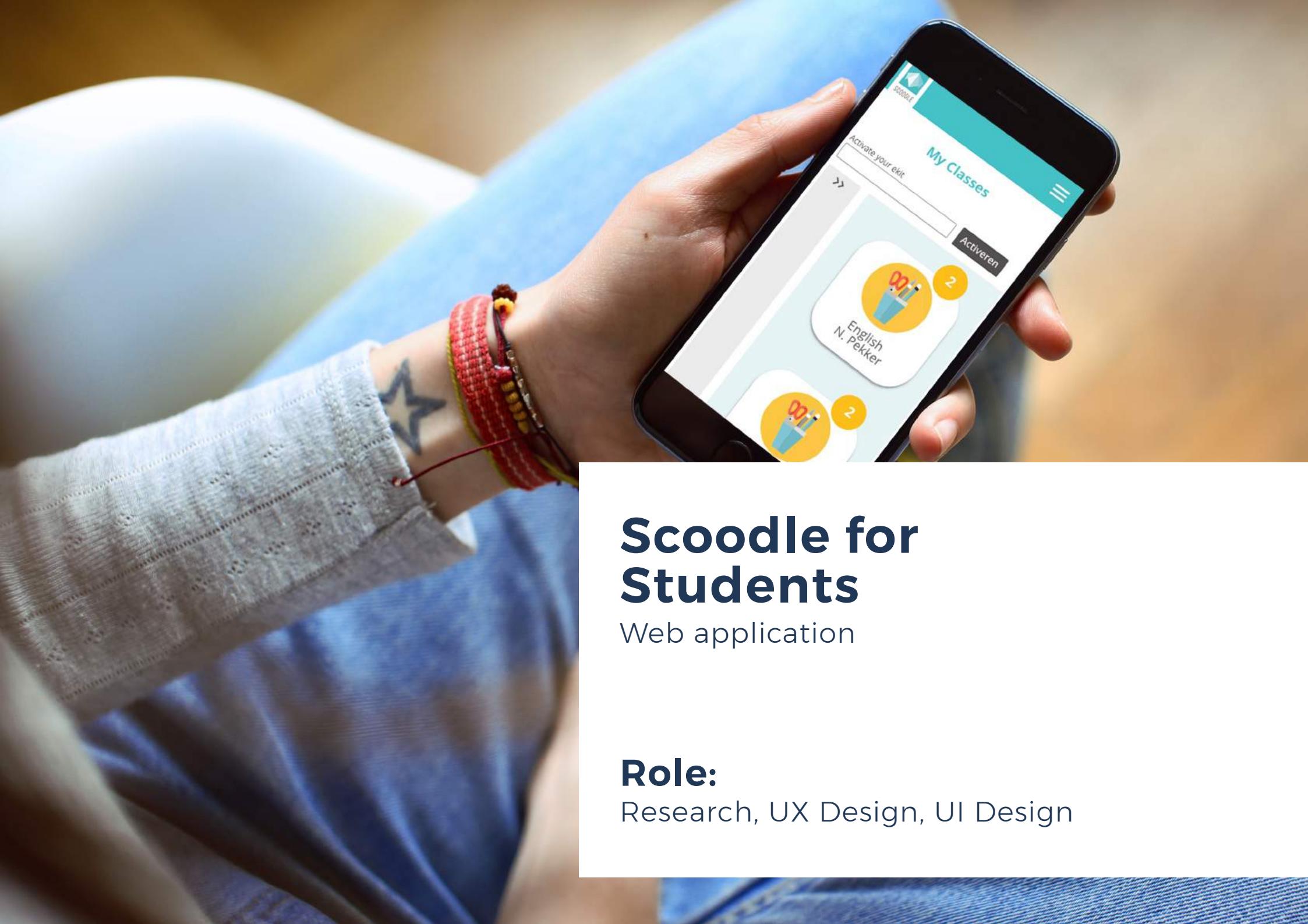




# Prototype

High fidelity prototype  
Usability test  
UI kit  
Design strategy





# Scoodle for Students

Web application

## Role:

Research, UX Design, UI Design

# Scoodle for Students

Educational Platform

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## **Role:**

Research, UX Design, UI Design

## **Summary:**

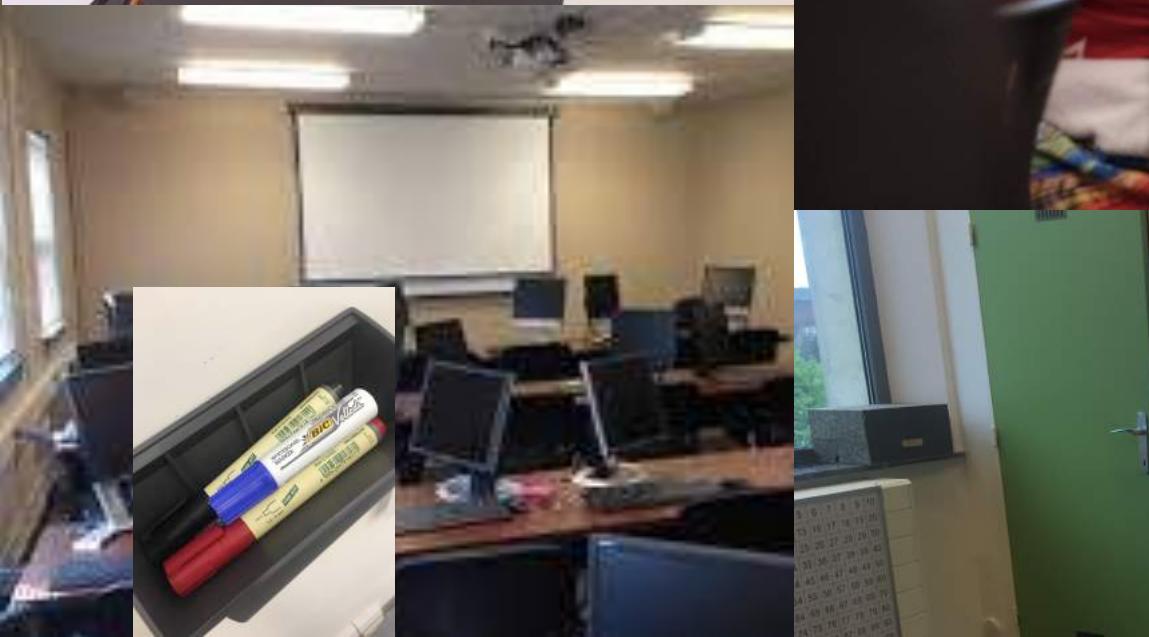
Scoodle is the online platform of Plantyn, a leading educational publisher in Belgium. They offer online exercises, and ebooks for students.

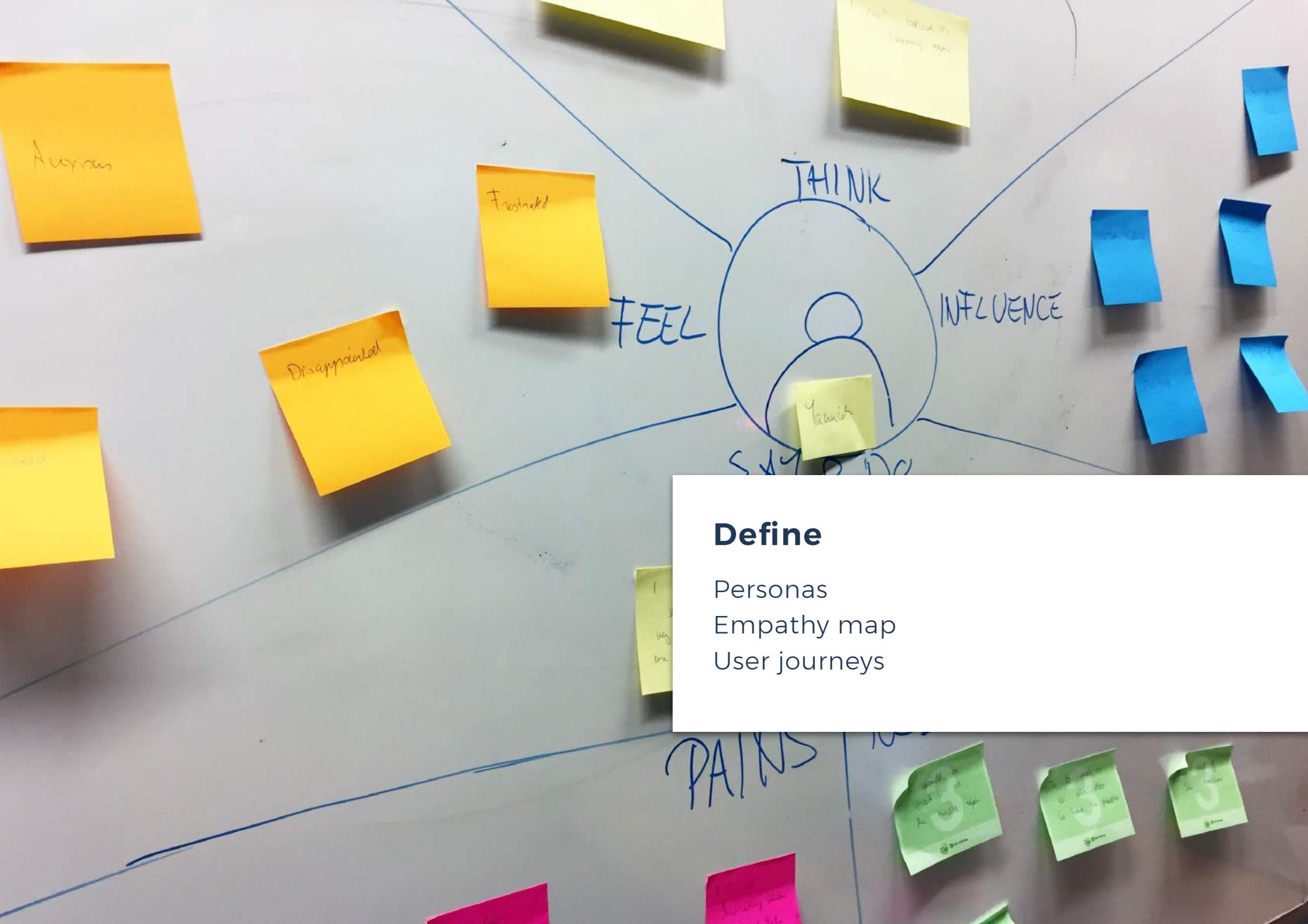
In this project I was responsible for the total rethinking of the student platform. It meant a total redesign of the features based on our research. Also to turn the platform into a responsive web application and apply the new styleguide.



## Research

User interviews  
Field studies  
Heatmaps + Analytics



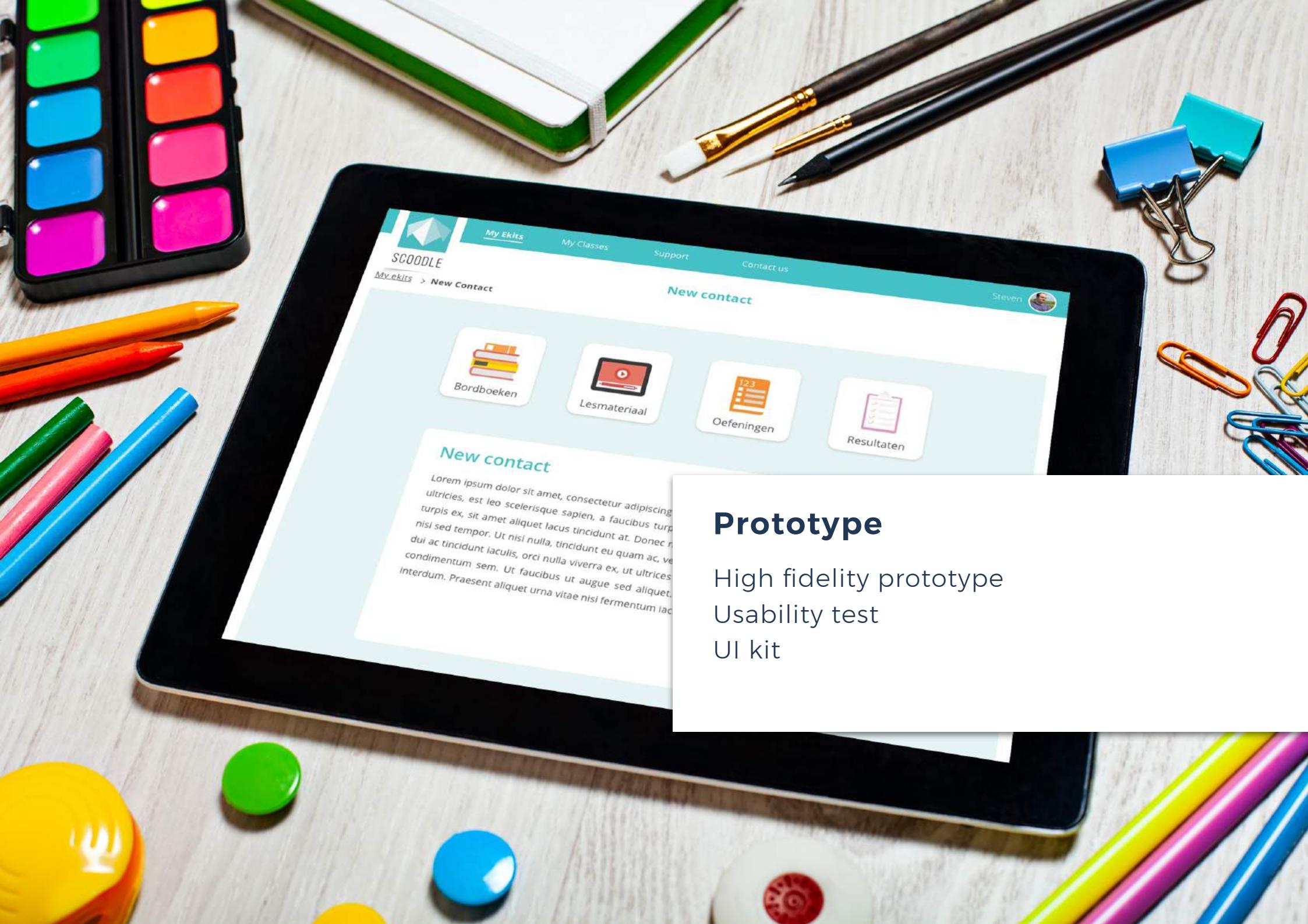


## Define

Personas  
Empathy map  
User journeys

# Ideate

# Information architecture Wireframe



## Prototype

High fidelity prototype  
Usability test  
UI kit

# Business applications

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# Scoodle Authoring tool

Business application

## Role:

Research, UX Design, UI Design

# Scoodle Authoring Tool

CMS tool

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## **Role:**

Research, UX Design, UI Design

## **Summary:**

Plantyn is a leading educational publisher in Belgium. The company is currently undergoing a digital transformation.

As part of this transformation they wanted to modernise and rethink their way of publishing online content.

I was asked to create a CMS system for the company.

I was leading the entire design process from research, through UX, and UI design till the prototypes and testing.



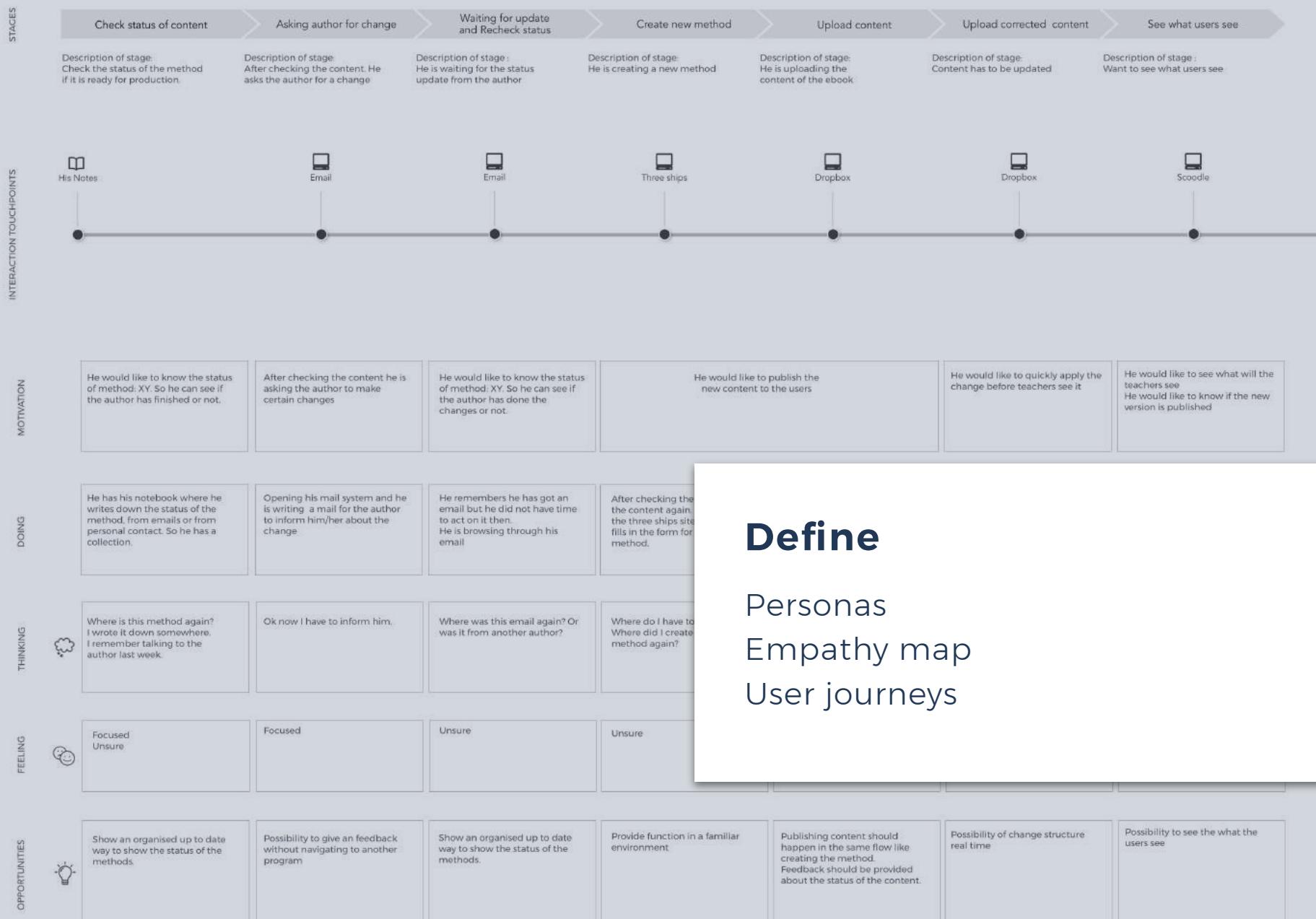
## Research

User interviews  
Field studies  
Management interviews  
Expert interviews

# Journey Map

PERSONA REPRESENTED: Simon publisher

MAIN GOAL OF THIS PARTICULAR JOURNEY: Publish a method



## Define

Personas  
Empathy map  
User journeys

Method	Class	Exercise	Block	Challenge
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**Methods**   **E-books**   **Exercises**   **Blocks**   **Curriculum**

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Search:  In all categories  By All authors  With all status

**NAME OF THE ART**

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**Licence /Create new client**

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Information architecture  
Wireframe  
Low fidelity prototypes  
Usability test

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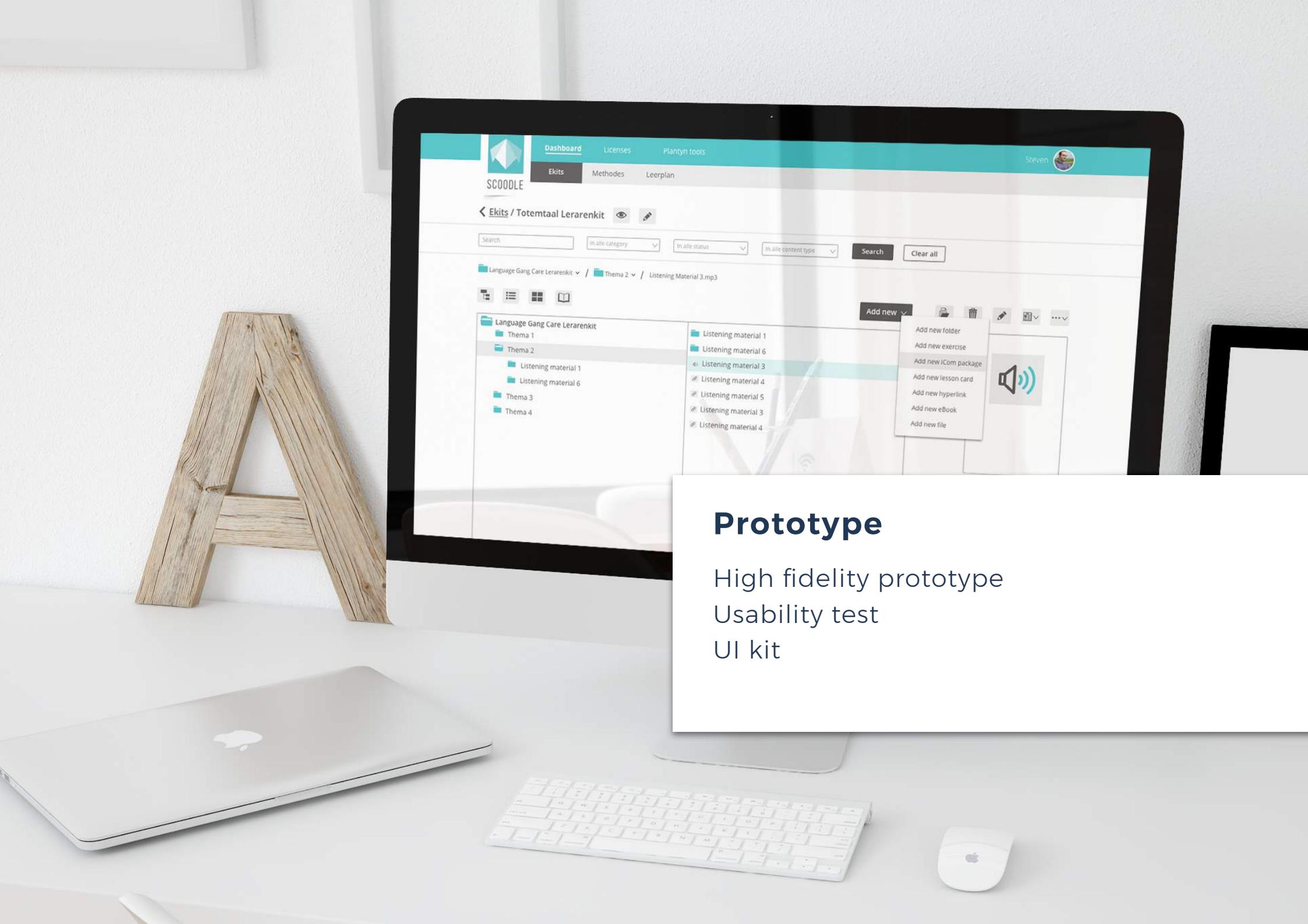
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<b>MAIN INDEPENDENT SKILLS</b> <input type="checkbox"/> PC 1 <input type="checkbox"/> PC 2 <b>LINKED COMPETENCIES</b> <input type="checkbox"/> PC 3 <input type="checkbox"/> PC 4 <input type="checkbox"/> PC 5 <input type="checkbox"/> PC 6	
<b>SECONDARY COMPETENCIES</b> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<b>Practitioner roles</b> <input type="checkbox"/> <b>Administrator</b> <input type="checkbox"/> <b>Assessor</b> <input type="checkbox"/> <b>Facilitator</b> <input type="checkbox"/> <b>Manager</b> <input type="checkbox"/> <b>Practitioner</b> <input type="checkbox"/> <b>Supervisor</b>	
<b>Curriculum</b> 	
<input type="checkbox"/> <b>Note in record</b>	
<input type="checkbox"/> <b>Start</b>	

Ideate

Information architecture  
Wireframe  
Low fidelity prototype  
Usability test



## Prototype

High fidelity prototype  
Usability test  
UI kit



# BNP Paribas

Business application

## Role:

UX Design, UI Design

# BNP Paribas Fortis

Microsite, online survey

---

## **Role:**

UX Design, UI Design

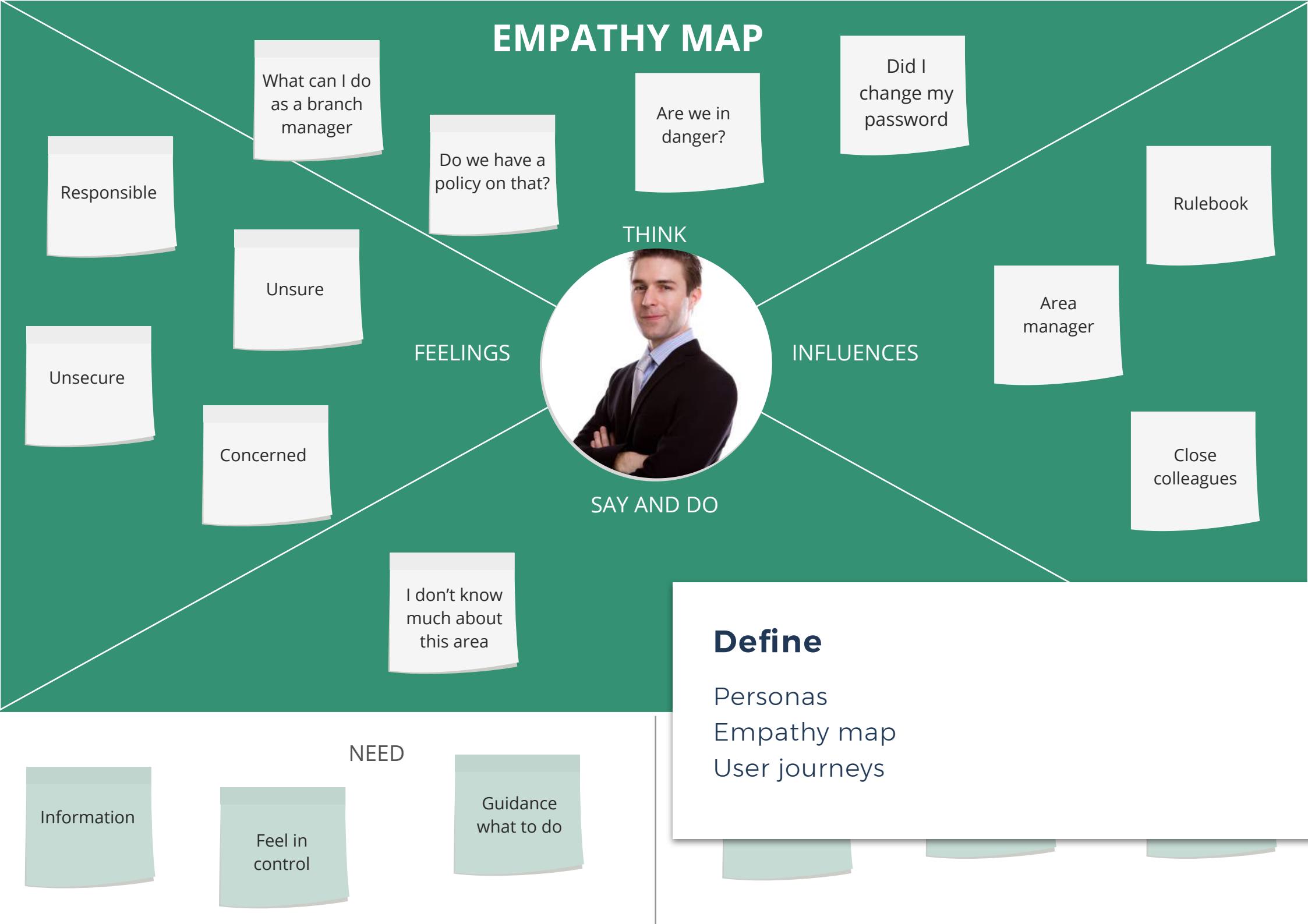
## **Summary:**

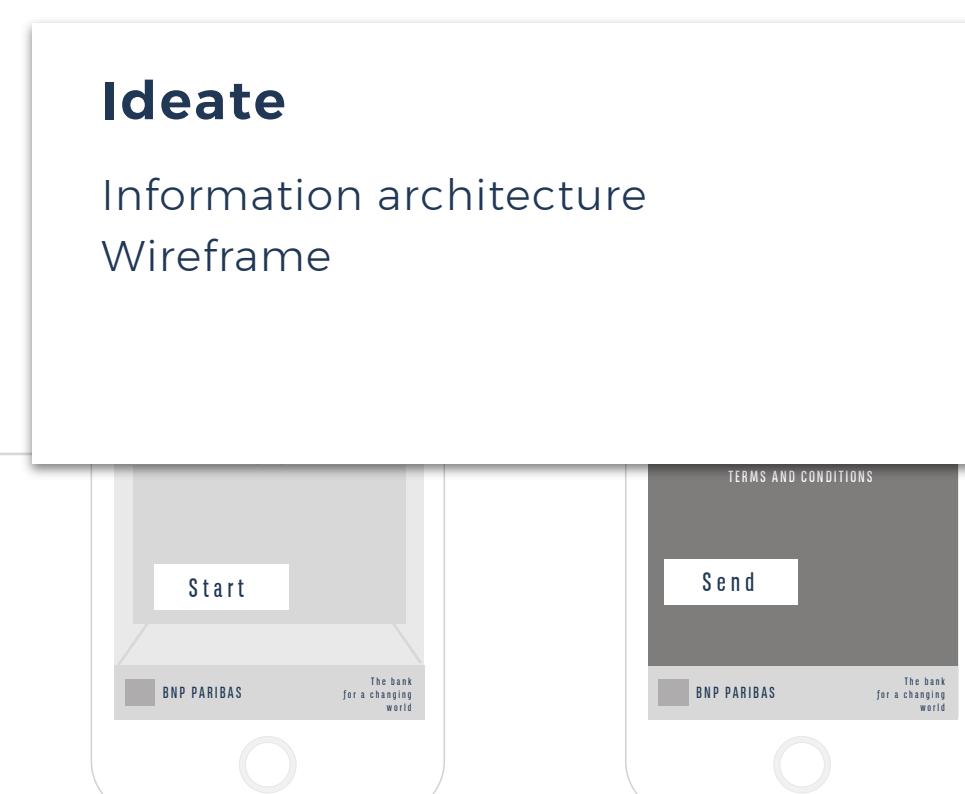
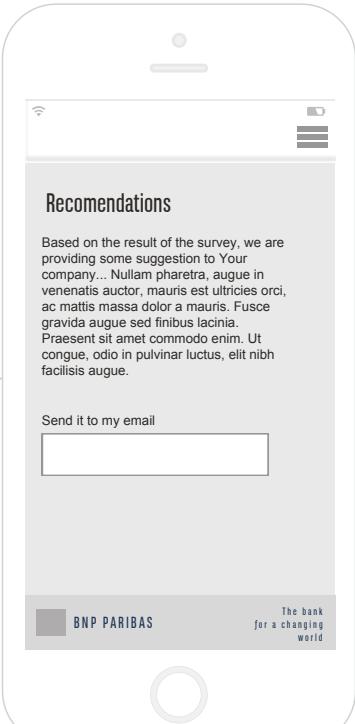
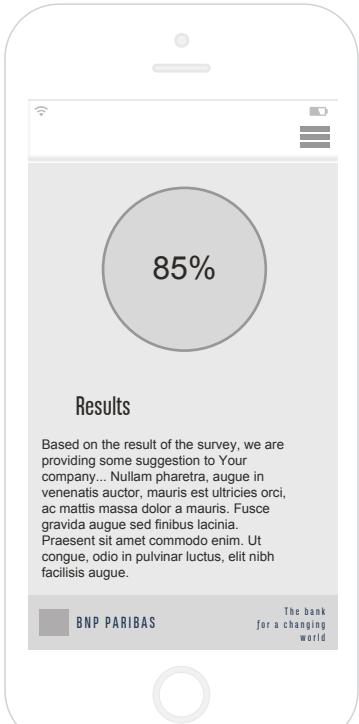
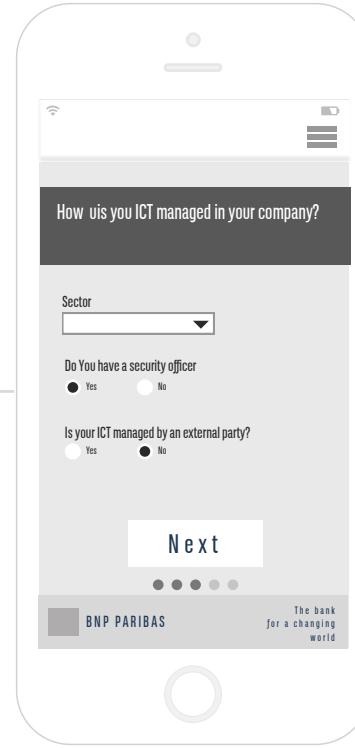
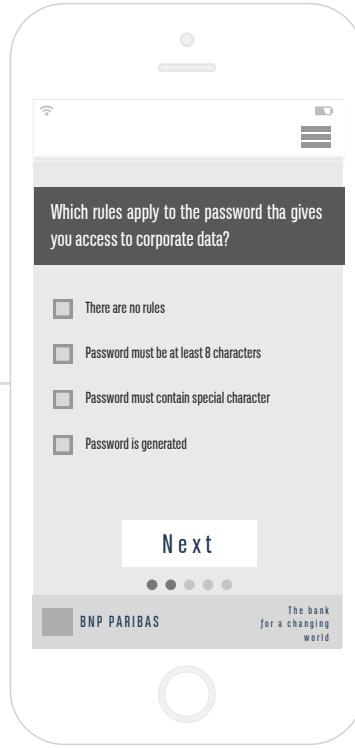
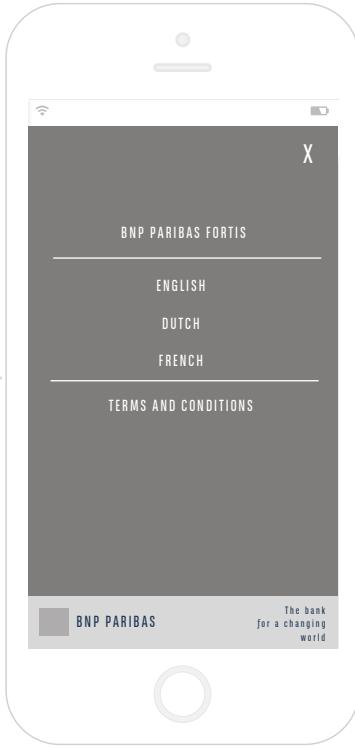
BNP Paribas is market leader bank in Belgium. They offer wide variety of financial services to their customers.

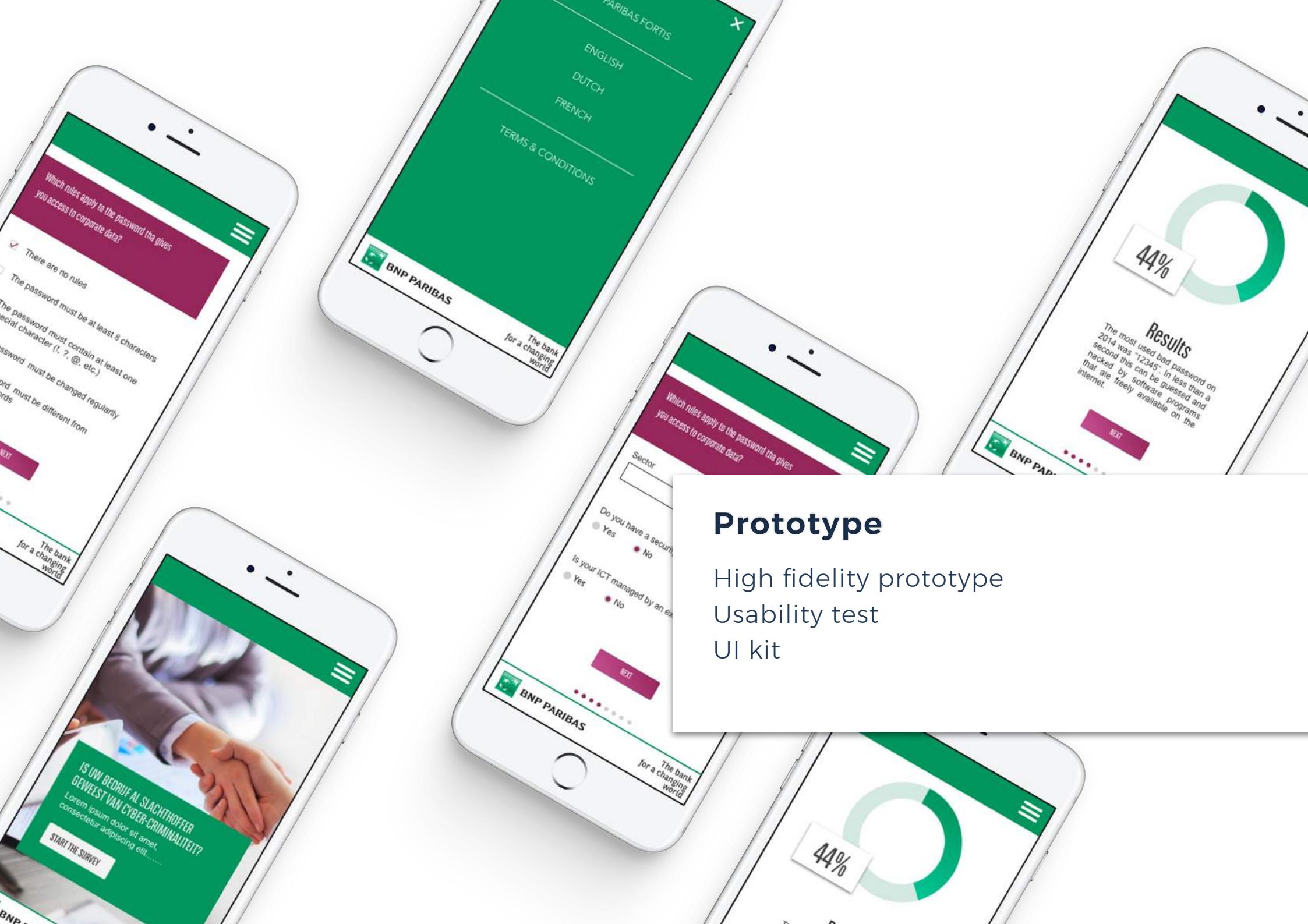
In this project we were addressing their business customers. As cybersecurity became a major threat recent years, BNP Paribas decided to raise awareness.

We created an informative micro site with an online survey, to give suggestions to companies how to raise their security.

# EMPATHY MAP







## Prototype

High fidelity prototype  
Usability test  
UI kit



# iReservatie

Business application

**Role:**  
UX Design, UI Design

# iReservatie

Reservation management tool

---

## **Role:**

UX design, UI Design

## **Summary:**

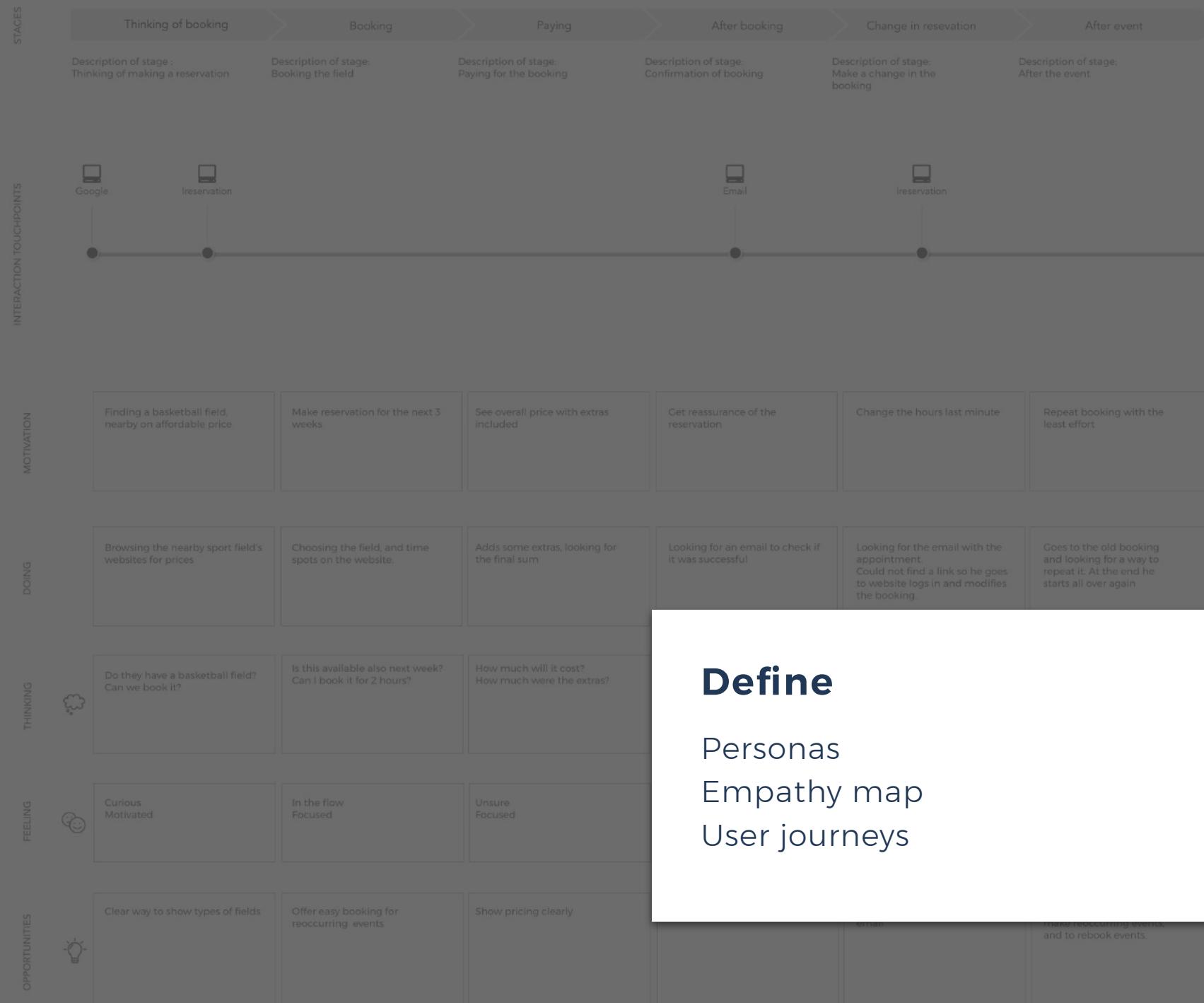
Our customer OOOOC is a nation-wide chain focusing on sport events and managing sport fields. We were asked to create a tool for them to manage their reservations.

I was responsible for UX design and the visual design of the application. The application enables them to record, manage, edit reservations for their different sport fields and to communicate with customers about their booking.

# Journey Map

PERSONA REPRESENTED: Koen

MAIN GOAL OF THIS PARTICULAR JOURNEY: Book a basketball field for him and his friends

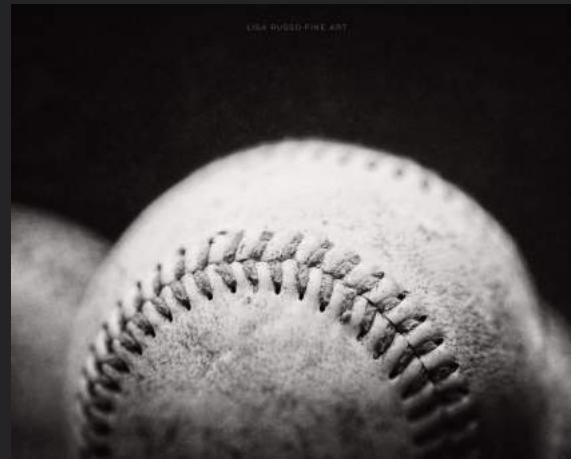


# Ideate

Information architecture  
Wireframe

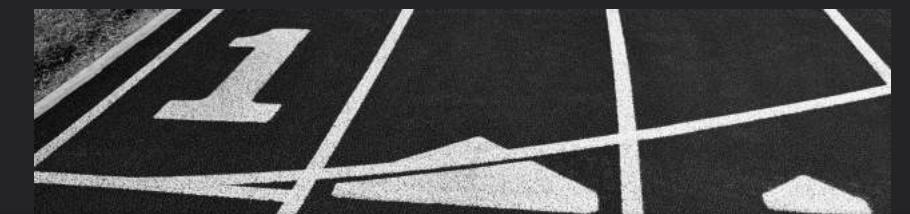
ASAP Regular

abcdefghijklmno  
pqrsuvwxyz



ASAP Bold

abcdefghijklmnp  
qrstuvwxyz



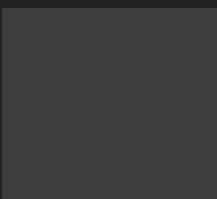
## Visual design

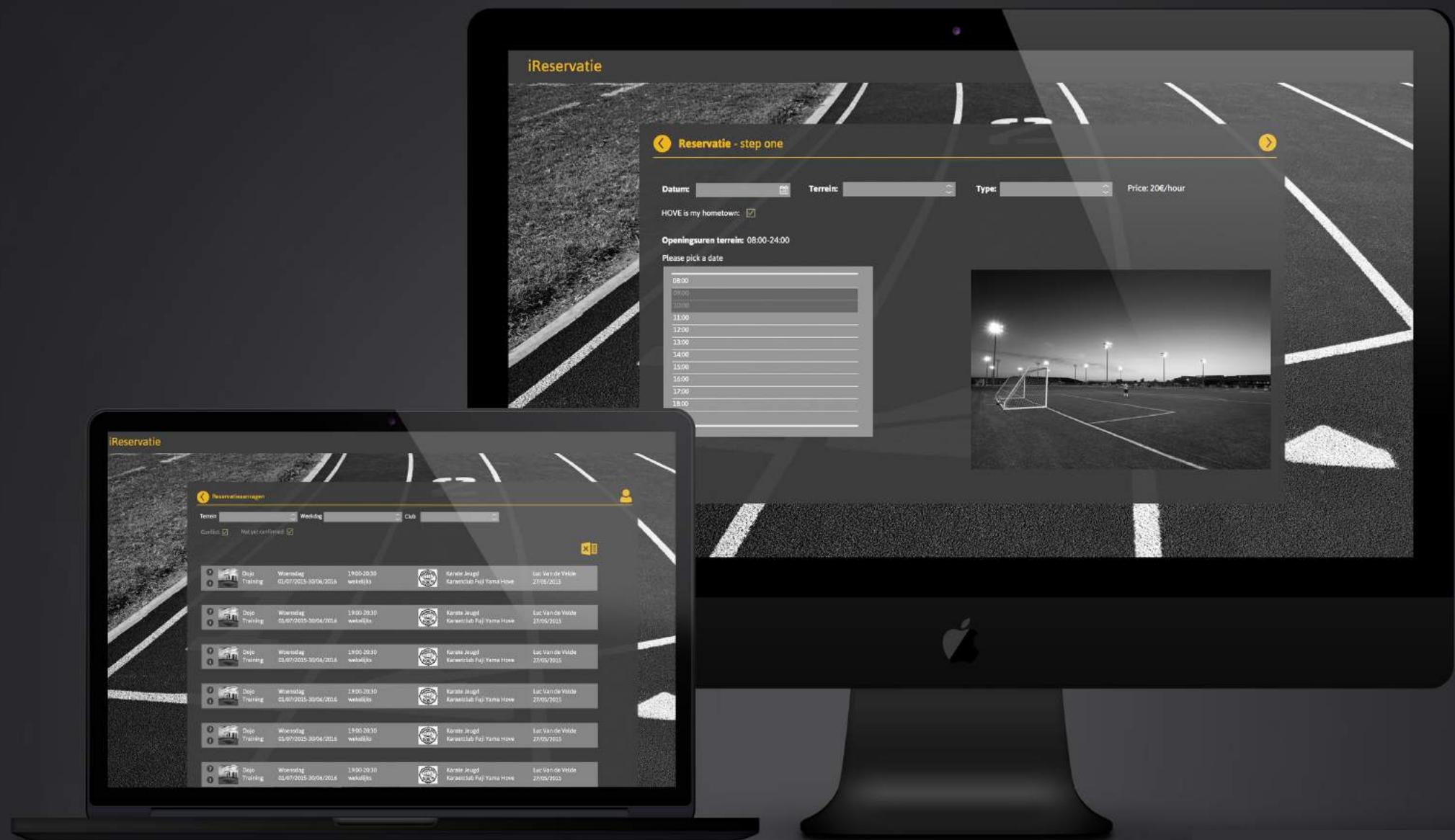
Mood board

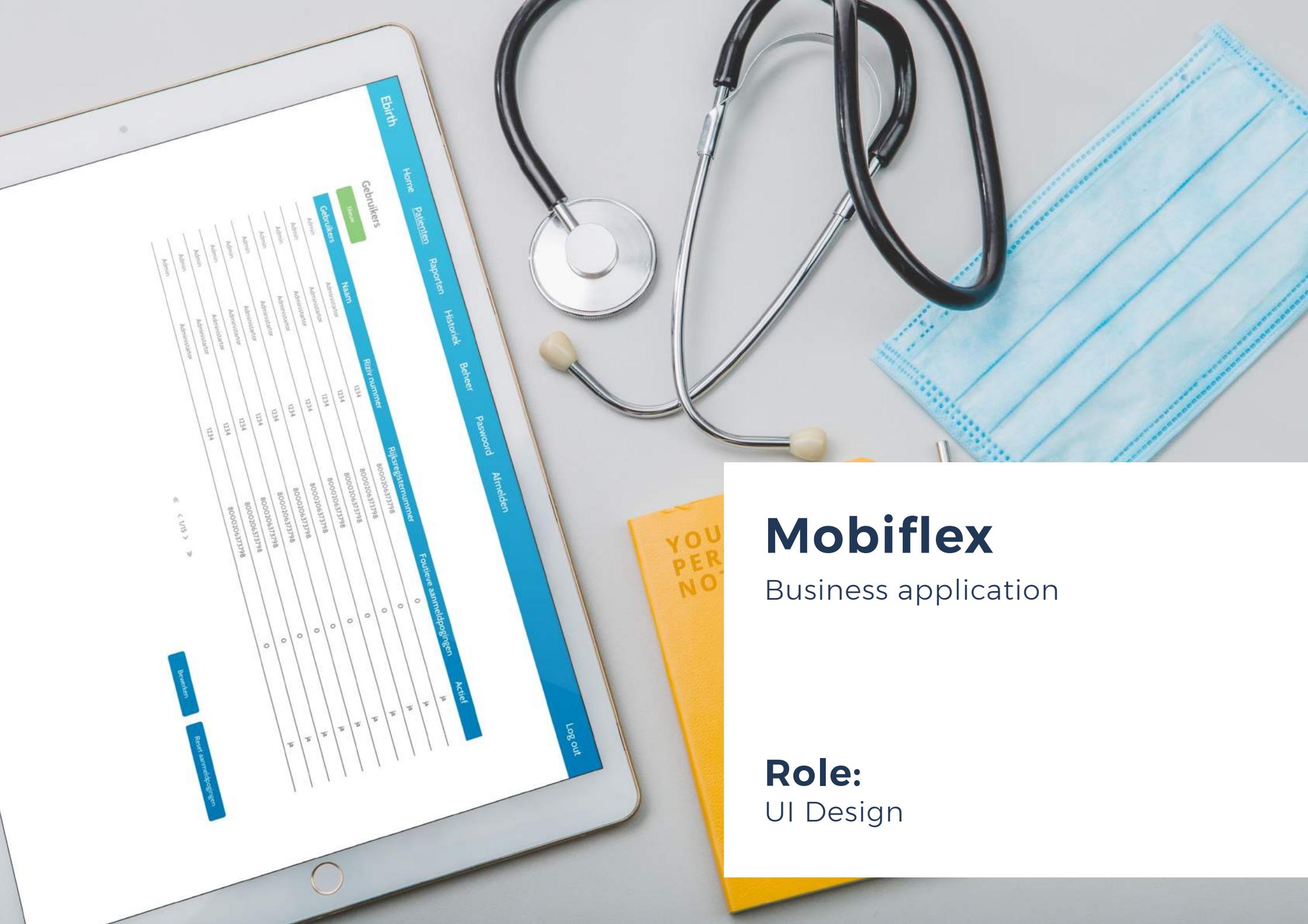
UI kit

Styleguide

High fidelity prototype + Usability test







# Mobiflex

Business application

**Role:**  
UI Design

# Mobiflex

Hospital management tool

---

## **Role:**

UI Design

## **Summary:**

Mobiflex is an application used by several major hospitals across Belgium. The app was created to help employees manage the administrative workload of hospitals such as entering, organising reports, manage examinations, appointments.

My role was to create the visual identity of the application. The goal was a very clean, calm interface design which fits into the world of healthcare.



## Cabin

abcdefghijklmnopqrstuvwxyz  
ABCDEFGHIJKLMNOPQRSTUVWXYZ



Sint-Maria Halle  
ALGEMEEN ZIEKENHUIS

Toevoegen	Toevoegen	Toevoegen	Toevoegen	Toevoegen
Toevoegen	Toevoegen	Toevoegen	Toevoegen	Toevoegen
Toevoegen	Toevoegen	Toevoegen	Toevoegen	Toevoegen

17:00

Input

Something is wrong

Input

Opmerkingen

## Visual design + Prototype

Moodboard

UI kit

Styleguide

High fidelity prototype

The image displays a collage of screenshots from the Ebirth application, illustrating its various features:

- User Management (Gebruikers):** Shows a list of users with their names, roles (Admin, Administrator, Kantooraar), and Rizt numbers.
- Historiek (Historiek):** Shows a list of historical entries with names, dates, and gender.
- Newborn Records (Records of newborns from the last 24 hours):** Shows a list of newborns with their names, dates, and gender.
- Medical Forms (Overview of medical forms to be completed):** Shows a list of medical forms with names and completion status.
- Pregnancy Form (Formulier is volledig ingevuld en kan verzonden worden...):** Shows a detailed form for a pregnant woman, including fields for partner number, weight, length, and previous deliveries.



# Monument Real Estate

Business application

**Role:**  
UI Design

# Monument Real Estate

Project management tool

---

## **Role:**

UI Design

## **Summary:**

Monument Real Estate is a market leader in real estate projects in Belgium. They are running several private and commercial housing projects all around the country for 20 years now.

Our team was asked to create a project management tool for the company, where they can organise all their documentation.

I was responsible for the visual design of the application, where the main goal was visual clarity and close harmony with the brand's style guide.



## Gravity

abcdefghijklmnopqrstuvwxyz  
ABCDEFGHIJKLMNOPQRSTUVWXYZ



FFFFFF 8ECFC 79C5C2 DEDFE1 9C9D9F 3C3C3C

## GRAVITY LIGHT      GRAVITY BOLD

Default selection

Selection

Search

< JUNE 2014 >  
29 30 1 2 3 4 5

## Visual design + Prototype

Moodboard

UI kit

Styleguide

High fidelity prototype



The image displays a collage of screenshots from the Monument Real Estate software, illustrating its various features and user interfaces.

**Top Left Screenshot:** A detailed view of a building's exterior at night, showing illuminated windows and a modern design. The screenshot includes a "Log out" button in the top right corner.

**Top Center Screenshot:** The main dashboard of the software. It features the "MONUMENT REAL ESTATE" logo, a search bar, and several filters for "Bedrijven", "Documenten", "Projecten", and "Gebruiker". Below these filters are two thumbnail images: "POPERINGE ST MICHAELSCOMPLEX" and "TOURNAI TOUR Hever Ville". A "Journal" section is also visible.

**Top Right Screenshot:** A form titled "PROJECT TOEVOEGEN" (Add Project) for creating new projects. It includes fields for "Naam", "Projecttype", "Gebouwtypo", "Biedering", "Startdatum", and "Sluiting".

**Middle Screenshot:** A large image of a modern, multi-story residential building with a unique, cantilevered design, illuminated at night. In front of it is a login form with fields for "User name" and "Password", and links for "Forgot password?" and "Log In".

**Bottom Left Screenshot:** A view of a user profile for "Adans Tom" with contact information: "0495-282035" and "ton@adans-vakbewerking.be".

**Bottom Center Screenshot:** Another view of the user profile for "Adans Tom", showing the same contact information.

**Bottom Right Screenshot:** A view of the user profile for "Boone Luc" with contact information: "0495-282011" and "luc@adans-vakbewerking.be".

# B2B websites

---



# Degralia

## B2B website

**Role:**  
Research, UX Design, UI Design

# Degralia website

Responsive corporate website

---

## **Role:**

Research, UX Design, UI Design

## **Summary:**

Degralia is a collaboration of several international companies in the field of recyclable materials.

Their main area of business is biodegradable products.

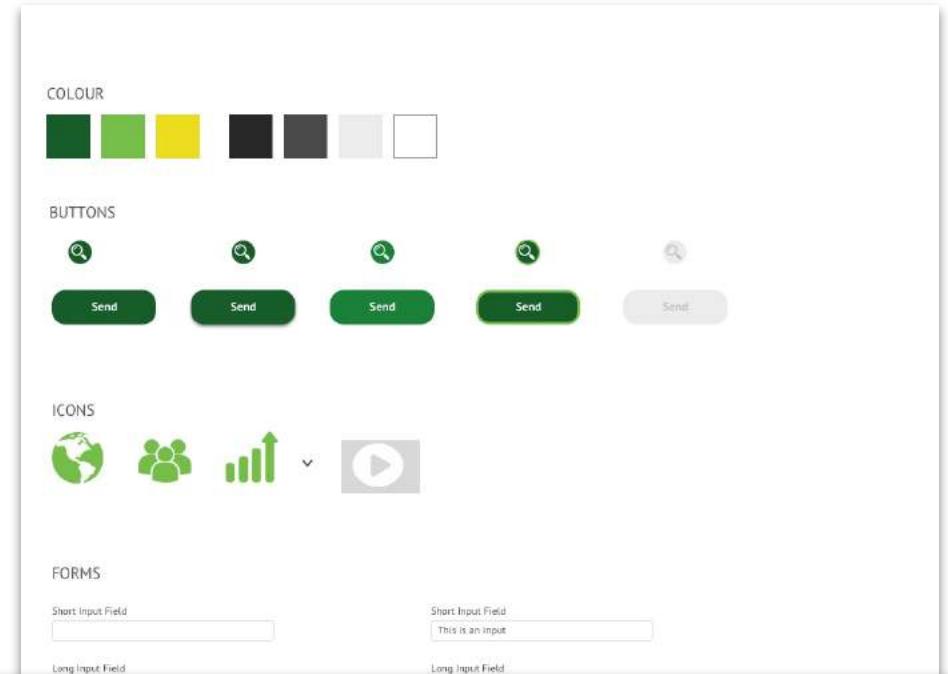
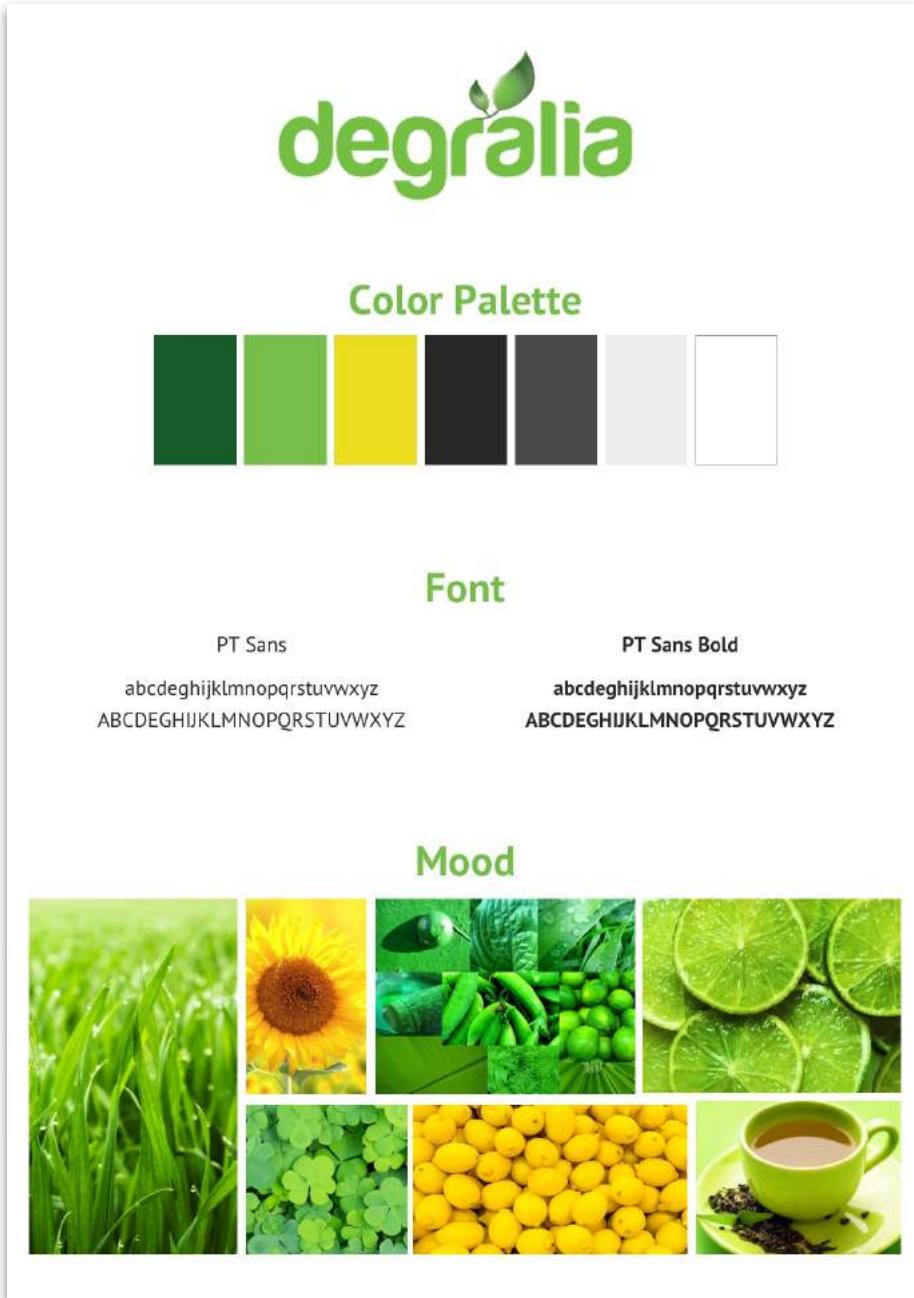
We were asked to create a responsive B2B website for them. I was responsible for the UX design and also for the visual design.

A close-up photograph of a small green plant with two leaves growing out of a crumpled white paper ball. The paper is heavily creased and folded, creating a textured base for the plant. The background is plain white.

## **Research**

Stakeholder interview  
Expert interview





## Prototype

High fidelity prototype  
Remote usability test  
Styleguide  
UI kit

**Follow our latest NEWS!**



**Production and sales department are ready**

The Degralia Alliance finished in august all trials with new equipment and bio materials. Production and sales department are ready to supply you with T-shirt bags on roll, star seal bags on roll and blocked bags with European perforation. All products are made from OK Compost home material and with a bio based carbon content from 34% up to 44%. Our exclusive alliance is ready to go! It is only small step for you but a giant leap for nature.

**EN 13432 certification**

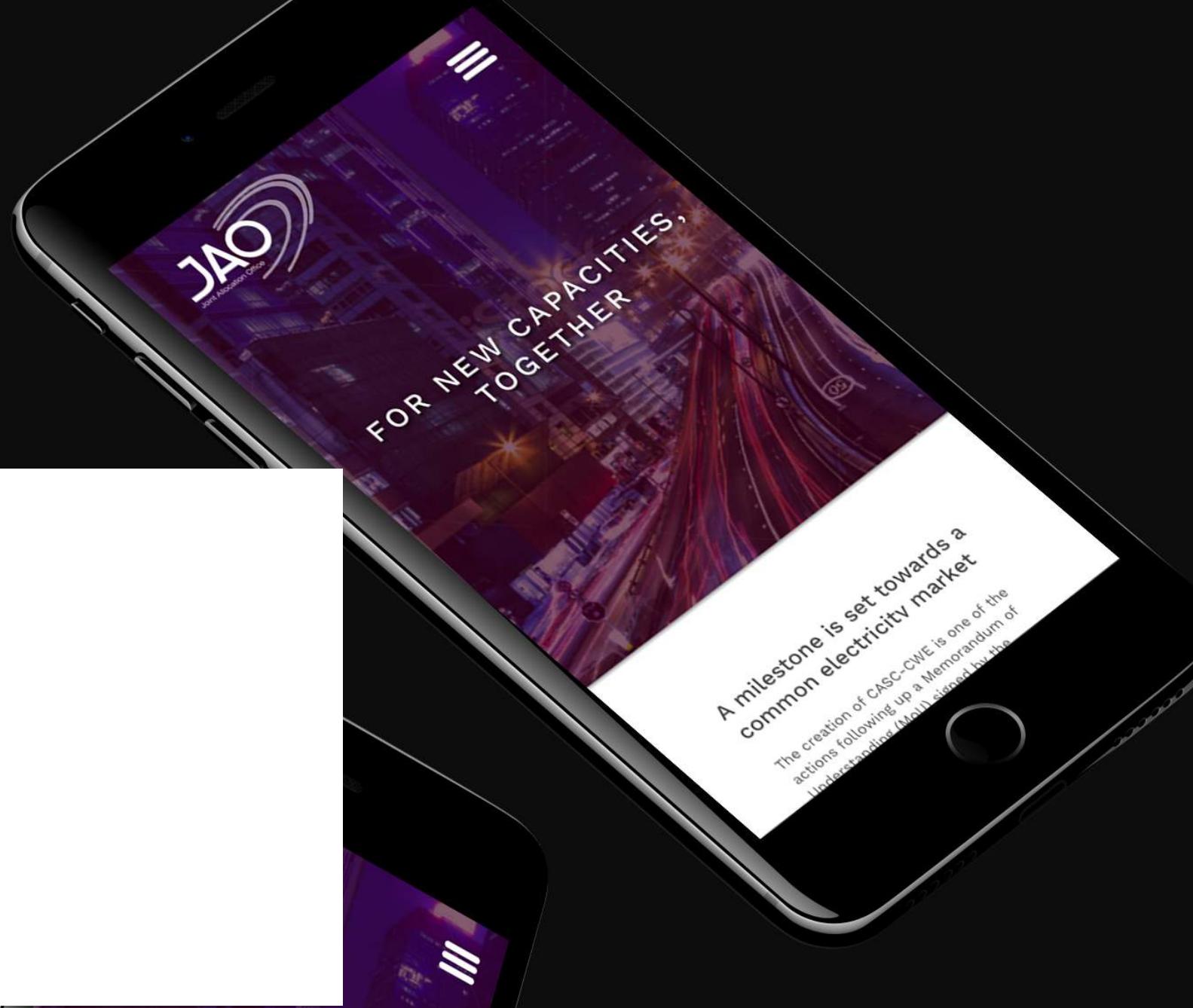


We are happy to announce that in 2017 May Degralia products get the EN 13432 certification. The certification is widely

# JAO

B2B website

**Role:**  
UI Design



# JAO website

Responsive corporate website

---

## **Role:**

UI Design

## **Summary:**

JAO is a joint service company of twenty Transmission System Operators from seventeen countries based in Luxembourg. It mainly performs monthly and daily auctions of transmission rights on 27 borders in Europe.

We were asked to create a responsive B2B website for them. I was responsible for UI design on this project.



# Work Sans Light

abcdefghijklmnopqrstuvwxyz

ABCDEFGHIJKLMOPQRSTUVWXYZ

# Work Sans Medium

abcdefghijklmnopqrstuvwxyz

ABCDEFGHIJKLMOPQRSTUVWXYZ

## Visual design

Moodboard

UI kit



FFFFFF

C3C8CD

454545

96004B



Send

Send

Send

Send

Send

## Work Sans Light

abcdefghijklmnopqrstuvwxyz  
ABCDEFGHIJKLMNOPQRSTUVWXYZ

## Work Sans Regular

abcdefghijklmnopqrstuvwxyz  
ABCDEFGHIJKLMNOPQRSTUVWXYZ

## Work Sans Bold

abcdefghijklmnopqrstuvwxyz  
ABCDEFGHIJKLMNOPQRSTUVWXYZ

Small input field

Normal input field

This is a large input field

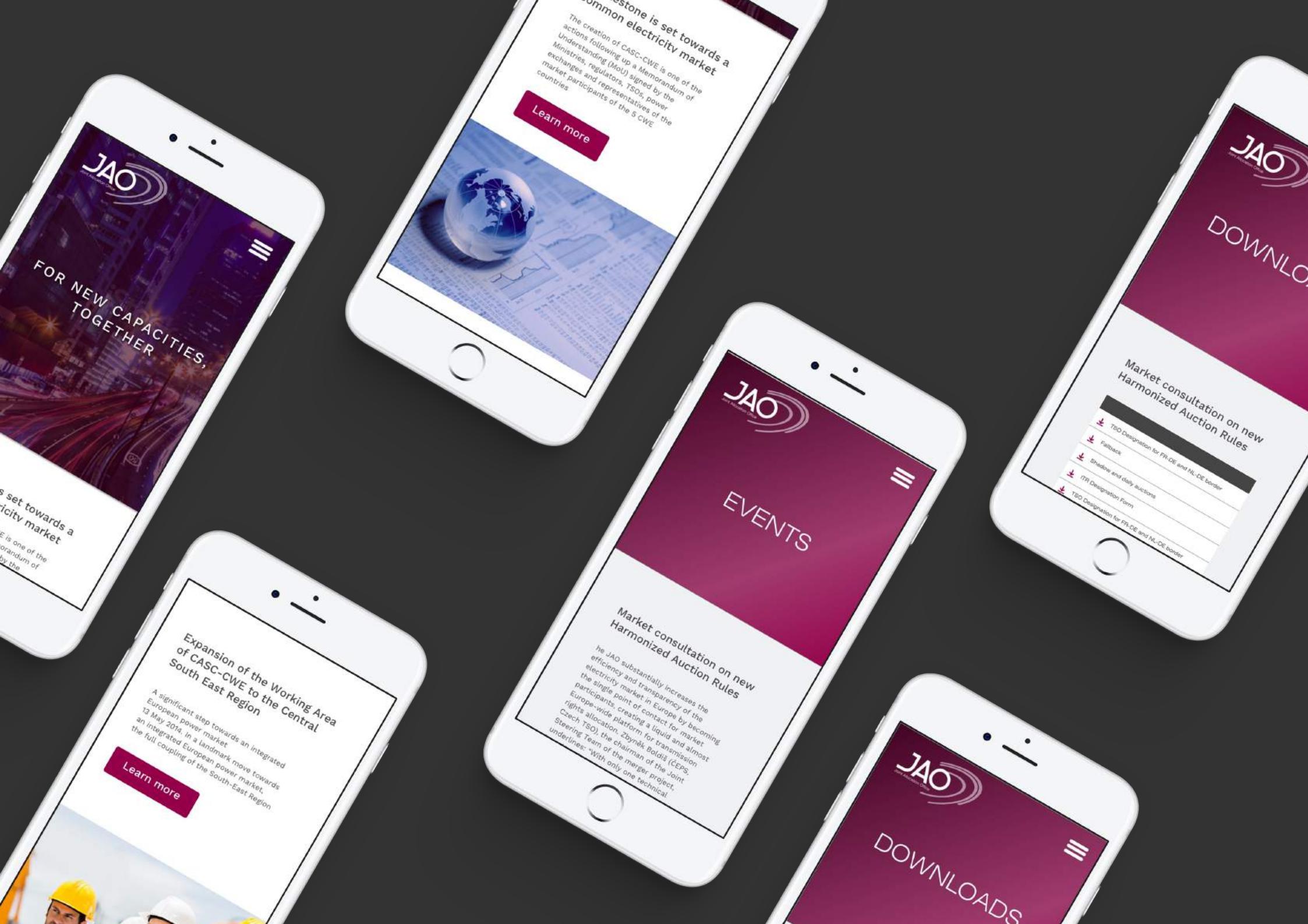
- This is checkbox
- This is a selected
- This is a not available

## Prototype

Styleguide  
High fidelity prototype

- TSO Designation Form
- Fallback
- Shadow and daily auctions
- ITR Designation Form

4	5	6	7	8	<b>9</b>	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	



# Other

---



# I'm fine

Mobile application

**Role:**  
Research, UX Design, UI Design

# I'm fine

Healthcare mobile application concept

---

## **Role:**

Research, UX Design, UI Design

## **Summary:**

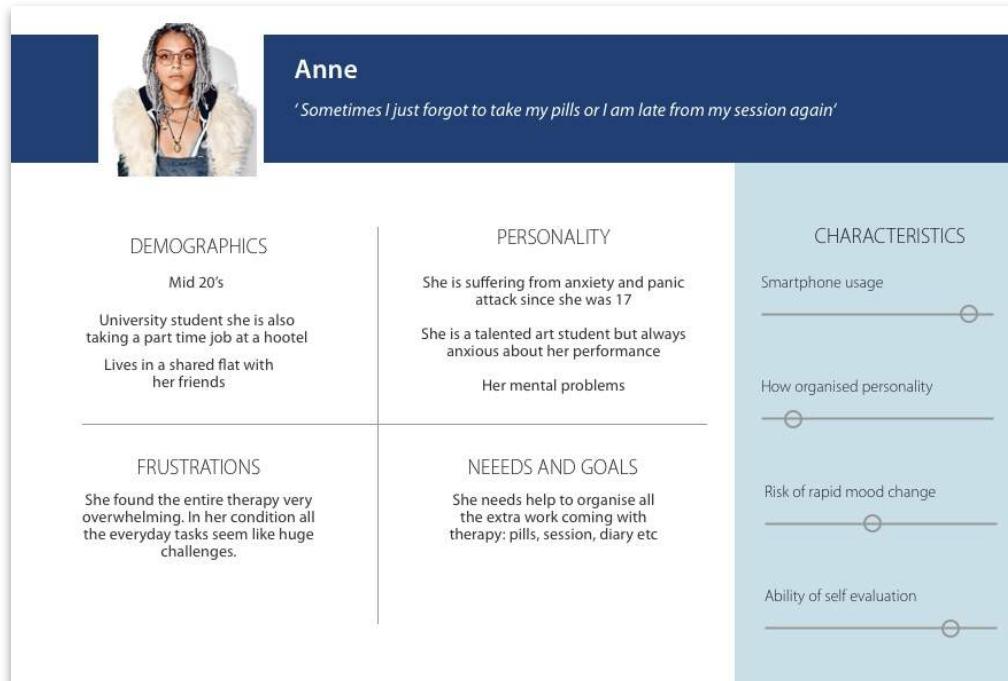
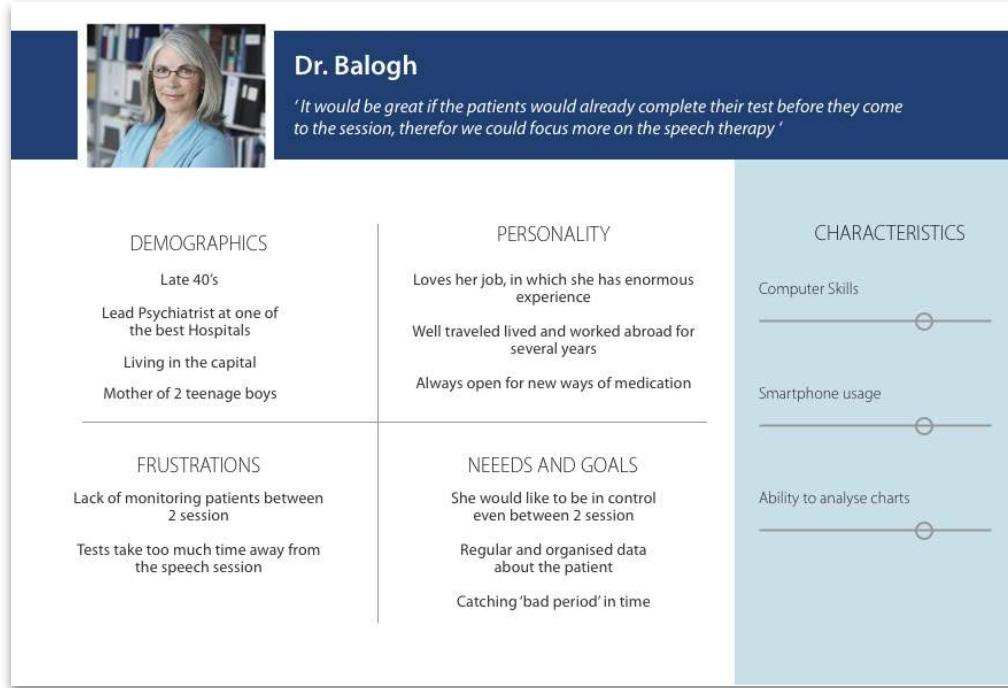
I'm fine is a healthcare mobile application concept. It was created to help patients participating psychological therapies. The main goal of the application is to maintain the contact between doctor and patient in between two face to face sessions. It helps the doctors to monitor the patient's well being. It also provides transparency. The patient records are online available for herself as well.



5. Személyes értékem valamit, biztos attól függ hogy mások mit gondolnak rólam.
6. Nem lehetetek boldog, ha nem szeret valaki.

## Research

User interviews  
Expert interviews

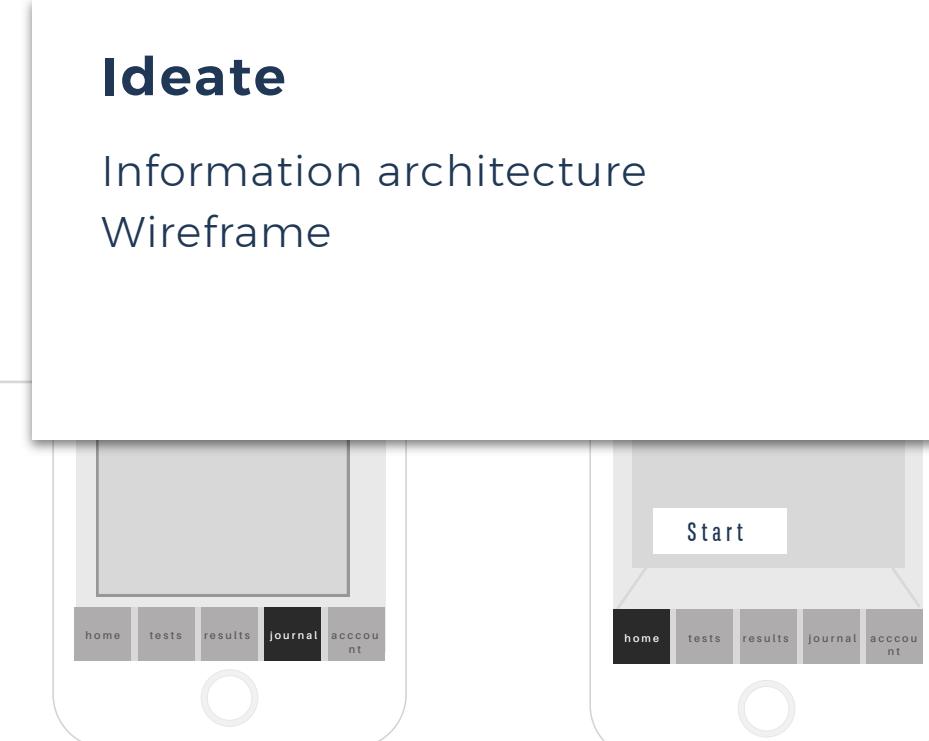
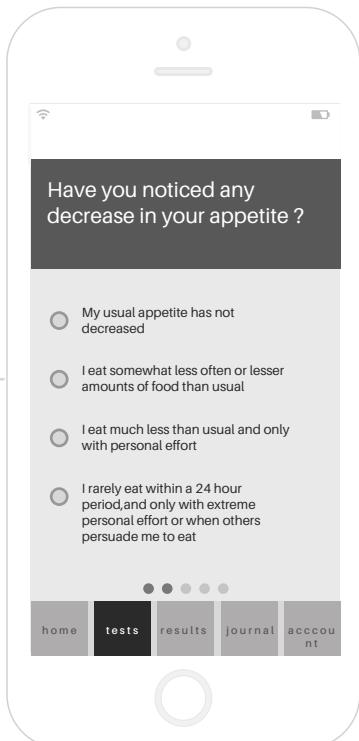
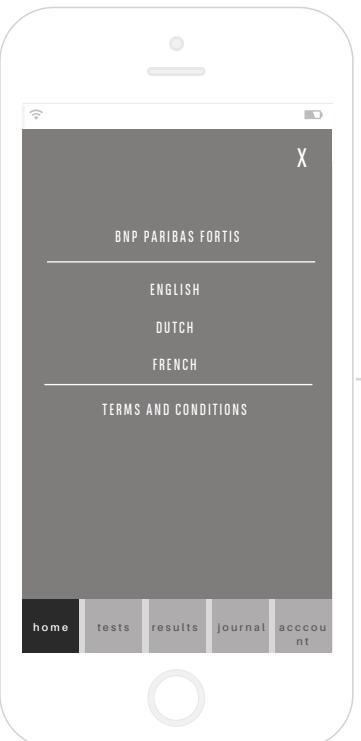
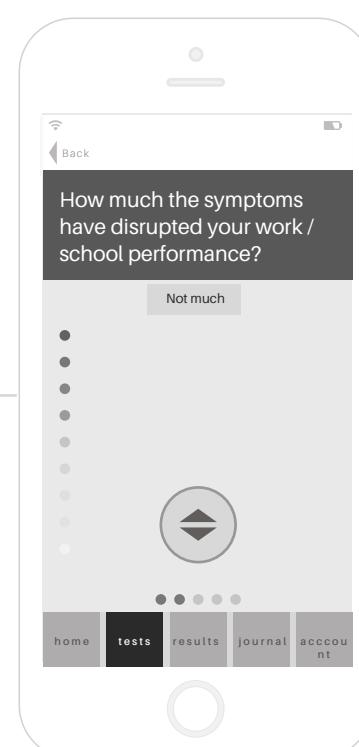
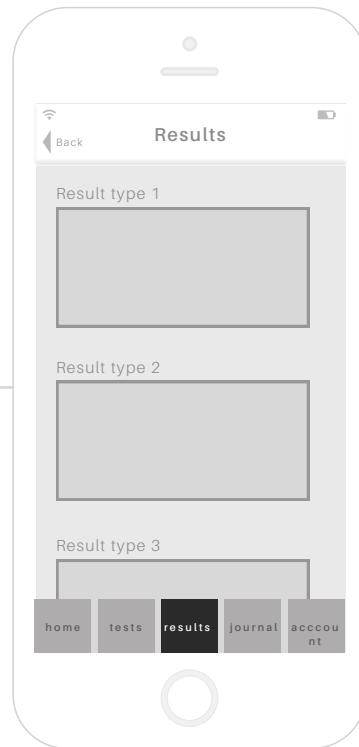
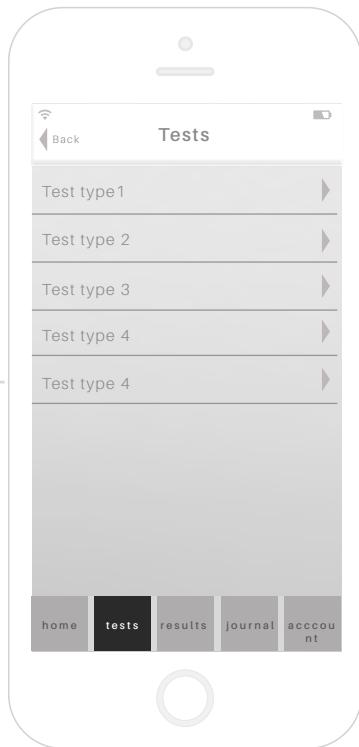
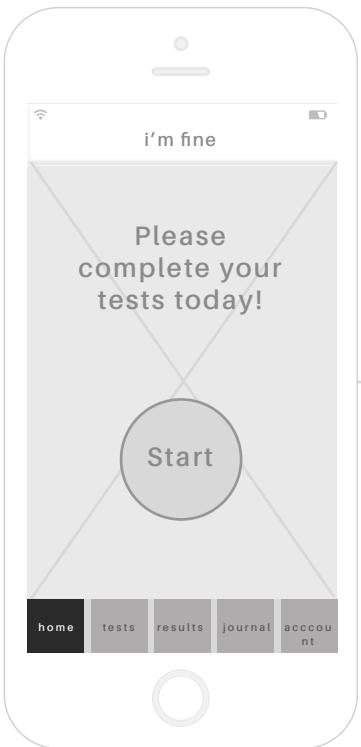


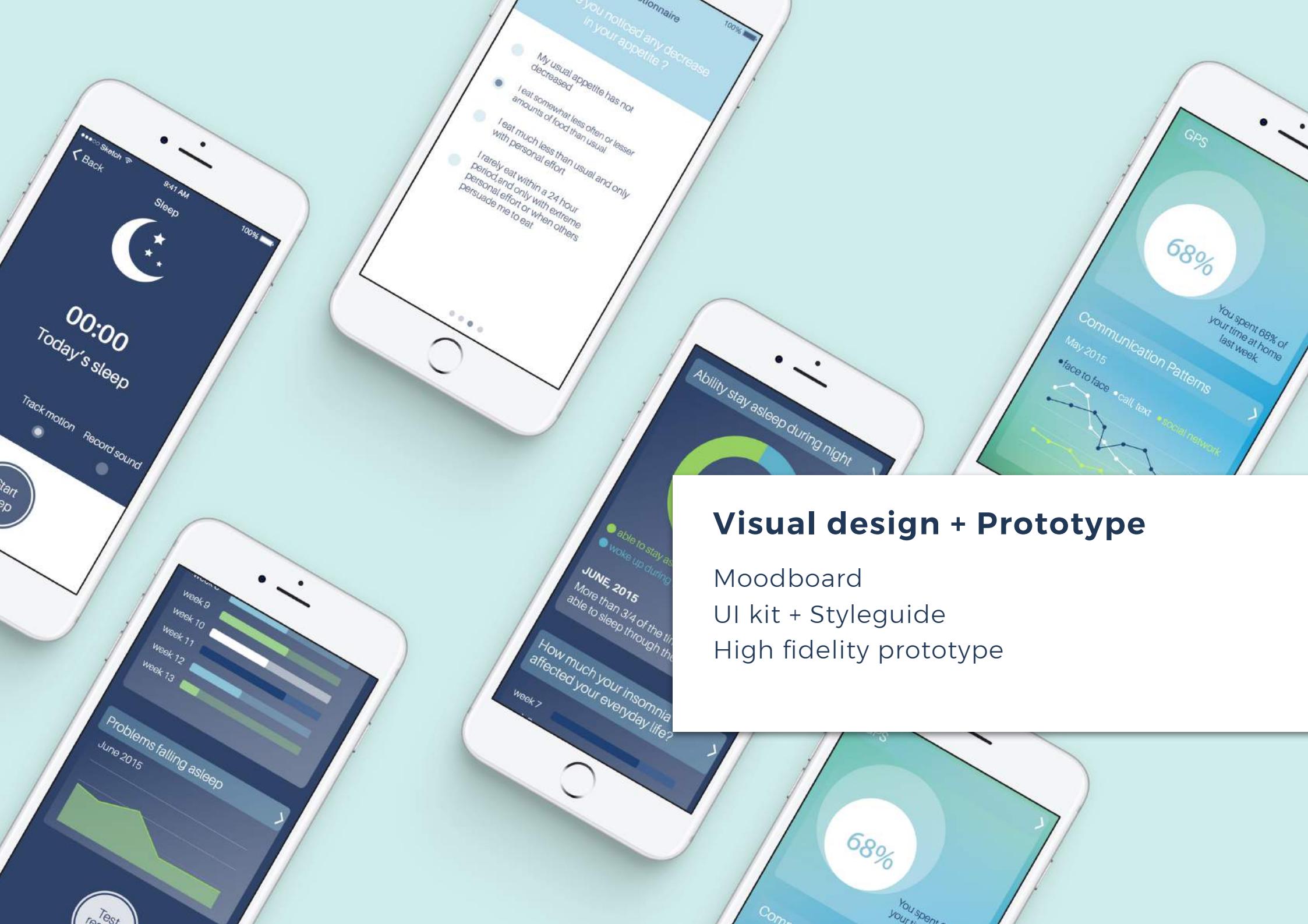
# Define

## Personas

## Empathy map

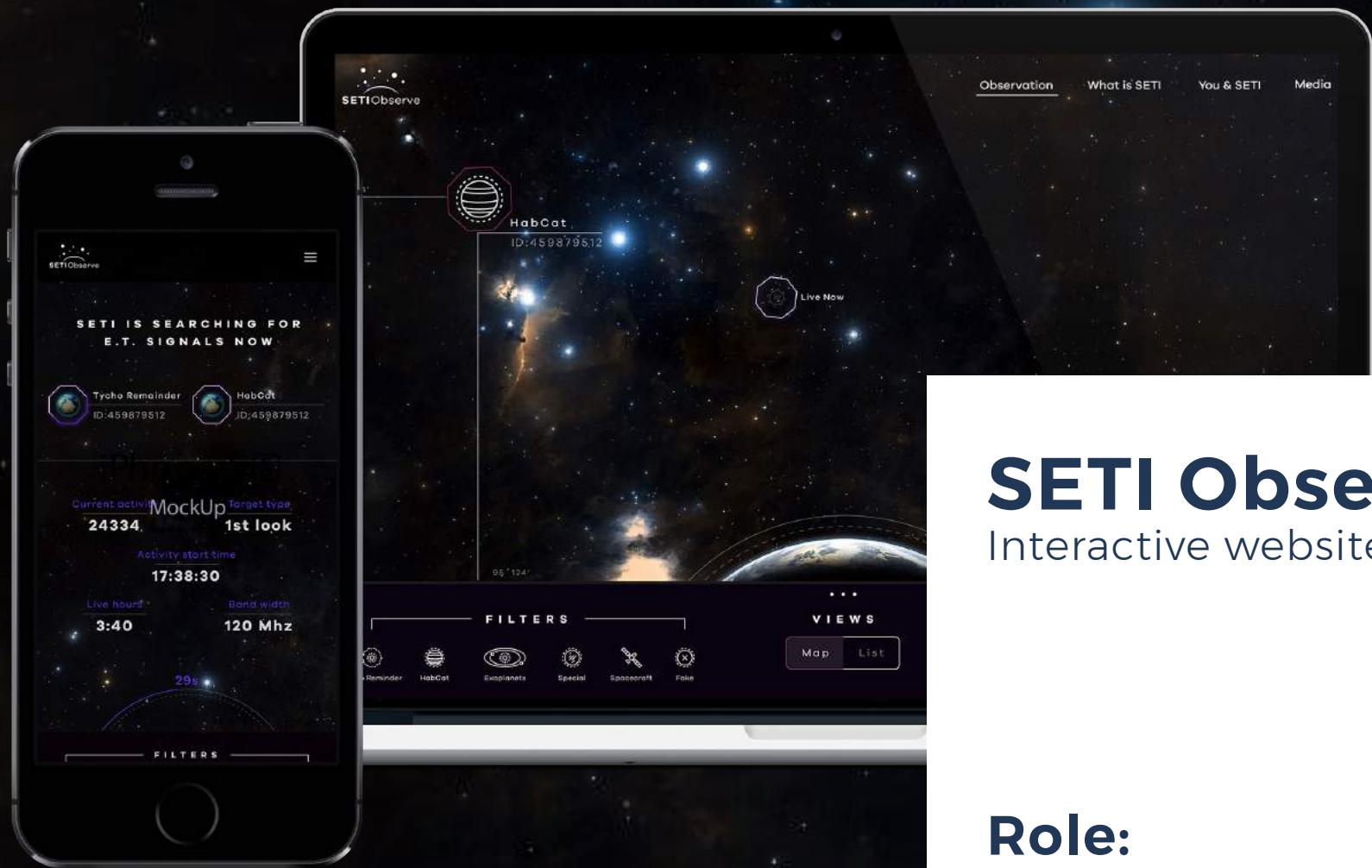
## User journeys





## Visual design + Prototype

Moodboard  
UI kit + Styleguide  
High fidelity prototype



# SETI Observe

Interactive website

**Role:**  
Research, UX Design

# SETI Observe

Telescope tracker

---

## **Role:**

Research, UX Design

## **Summary:**

SETI Observe is an institute dedicated to search for extraterrestrial life forms based on the radio signal search at the Allen Telescope Array.

The main goal of this site is to keep abreast of the ET signal search effort for the interested public . Visitors can follow along, see what they are observing, and be a part of the search.

I was working with a team of talented visual designers on this project. My role was to set up and conduct a research plan. And to deliver the UX Design.

Lawrence Klaes  
19 February at 02:52

Giancarlo Madiai  
29 February at 11:20

SETIhome in progress on my old P4!

The biggest thing preventing humans from interstellar space travel  
It's not technology, time, or money.  
WWW.TECHINSIDER.IO

Bandeira  
January at 20:41

or the addition to this group! So I'd like to know where to get  
can I download the at home analyzer? How exactly does it  
mention that you may need to pretty beastly computer, is  
it run on any platform?

Comment Share

Jeff Kures share  
20 February at 02:41

I know this is not exactly SETI related but hey who does  
please support this project and let's get it into the shops!

Legos Observatory including Visitors Reception Area

Lego Observatory  
Hello and welcome to my next project. Lego Observatory just because I love the  
Stars and you like my NASA Lunar Rover I spend the last month with my  
Observatory. The Observatory.

IDGAS.LEGO.COM

Purpose of Man  
January at 02:37

again, the Orion / SLS shows itself to be the expensive  
that it is. Congress doesn't want to pay for an upp  
y manner. Read all about it on Space News: http://space  
i-caught-in-political.../

Donald Sassen via HuffPost Science & Tech  
15 February at 23:24

The Possibilities are Endless

Ted Doolittle  
13 February at 18:06

Happy Sat. !

These NASA Space Tourism I  
And Beyond  
Is this what our vacations may one day look  
HUFF TO I BY LEE MORAN

Like Comment Share

Stephen Pearce Yes BRONCOS.  
Like Reply 2 - 14 February at 00:09

William Richard Hailing Water white  
Like Reply 14 February at 19:16

Write a comment...

Giancarlo Madiai  
29 February at 17:12

...if I'm able to get Andromeda 2.5 mil.l.y far away,than...!?  
any comment is welcome!!

Lawrence Klaes  
19 February at 02:52

cobblestones on Feb. 06. Here are the current results. Average is about  
16,000 cobblestones per day. I can squeeze out more.

## Certificate of Computation

This certifies that  
mo'power

has participated in the SETI@home project since 29 March 2011, and has contributed 596,637  
Cobblestones of computation (439,79 quadrillion floating point operations) to SETI@home's search for  
extraterrestrial life.

Dr. David P. Anderson  
Director, SETI@home  
12 February 2018

SETI@HOME

David N. Precht  
7 February at 21:45 - Watertown, MA, United States

I have participated in the SETI@home project since 15 December 2003,  
and has contributed 2,017,763 Cobblestones of computation (1.74  
quintillion floating-point operations) to SETI@home's search for  
extraterrestrial life. DAMN !

Like Comment Share

29

View 7 more comments

David Finch Let me get this squared in my head. If we hold a pinhead up at  
arm's length we are looking at 10,000 galaxies. We are all looking for a  
coherent signal to somehow significantly burst through the collective radiation  
of this lot. By way of analogy we... See more

Like · Reply 1 · 7 February at 23:40

Donald Sassen Congratulations, Thats wat its all about!

Like · Reply · 12 February at 03:31

Darrell Bailey  
SETI@home member since 15 May 1999

Rupchand Sonawane Aryersonastronomer  
15 February at 15:42

## Research

Remote user interviews  
Online field study  
Expert interviews

Jean-Baptiste Faure II  
28 February at 20:58

M17 – The Omega Nebula –  
This new image of the rose-coloured star forming region M17 (Messier 17) was

Michael Lopez Ralph Fellows have you looked at adding Lunatics to your  
system? With that config you could easily be in the top 10 crunchers



## Define

User stories  
Personas  
Empathy map





[Observe](#) [What is SETI](#) [You & SETI](#) [Média](#)

Scanning for ET  
signals now

Scanning for ET  
signals now

.

+

-

Scanning for ET  
signals now

Live hours 3:40

FILTERS

VIEW



SLIDER ICON SET



MAP

NOTES

Antenna pointing was stuck. Fixed and now observing.

...

## Ideate

Information architecture  
Wireframe

Interested to work with me?  
Do you have a project in mind?  
Get in touch!

hello@norapekker.com  
+32 470 48 03 46