

# A3: User Interface Prototype

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This user interfaces prototype(or horizontal prototype) has the following goals:

1. Help to identify and describe the user requirements, and raise new ones;
2. Preview and empirically test the user interface of the product to be developed;
3. Enable quick and multiple iterations on the design of the user interface.

This artefact includes three elements:

1. Overview of the interface elements and features common to all pages;
2. Overview of the information system from the viewpoint of the users(sitemap);
3. Identification and description of the main interactions with the system, organized as sequences of screens (storyboards).

The interface's descriptions are presented on the end of the document.

## 1. Interface and common features

**Sweven** is a web application based on HTML5, JavaScript, and CSS. The user interface was implemented using the [Bootstrap](#) framework.

### Desktop


### Mobile




SWEVEN

Products

Sign in




Highlights



Apple iPhone X - 256GB - Silver

1 359,99 €


ADD TO CART



Apple iPhone X - 256GB - Silver

1 359,99 €


ADD TO CART



Apple iPhone X - 256GB - Silver

1 359,99 €


ADD TO CART



Apple iPhone X - 256GB - Silver

1 359,99 €


ADD TO CART



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ADD TO CART



Apple iPhone X - 256GB - Silver

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Apple iPhone X - 256GB - Silver

1 359,99 €

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FAQs

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1 359,99 €


ADD TO CART



Apple iPhone X - 256GB - Silver - Apple iPhone X - 256GB - Silver

1 359,99 €


ADD TO CART



Apple iPhone X - 256GB - Silver

1 359,99 €


ADD TO CART



Apple iPhone X - 256GB - Silver

1 359,99 €

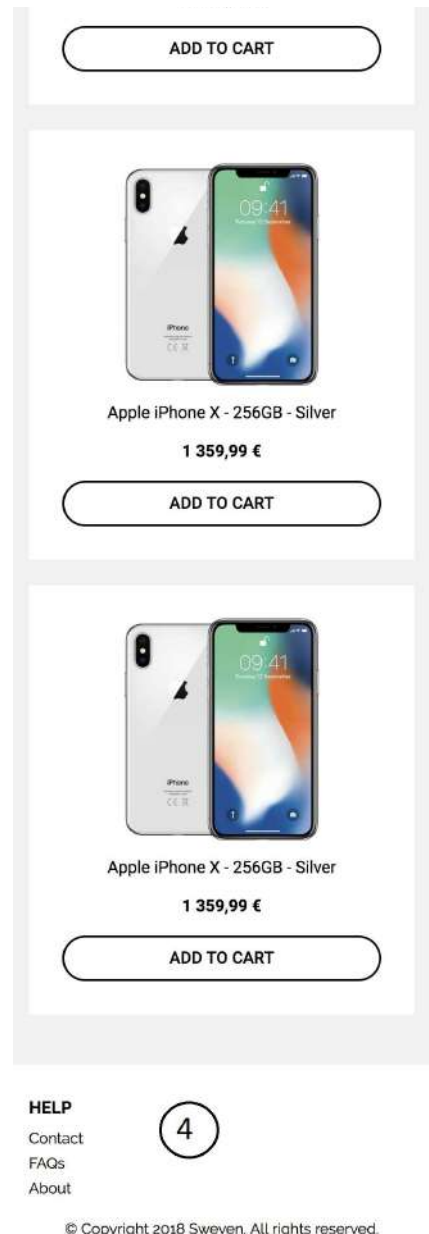
ADD TO CART



Apple iPhone X - 256GB - Silver

1 359,99 €

2/31



**Figure 1:** Interface's guidelines.

1. Shop name
2. Navbar
3. Page Content
4. Footer

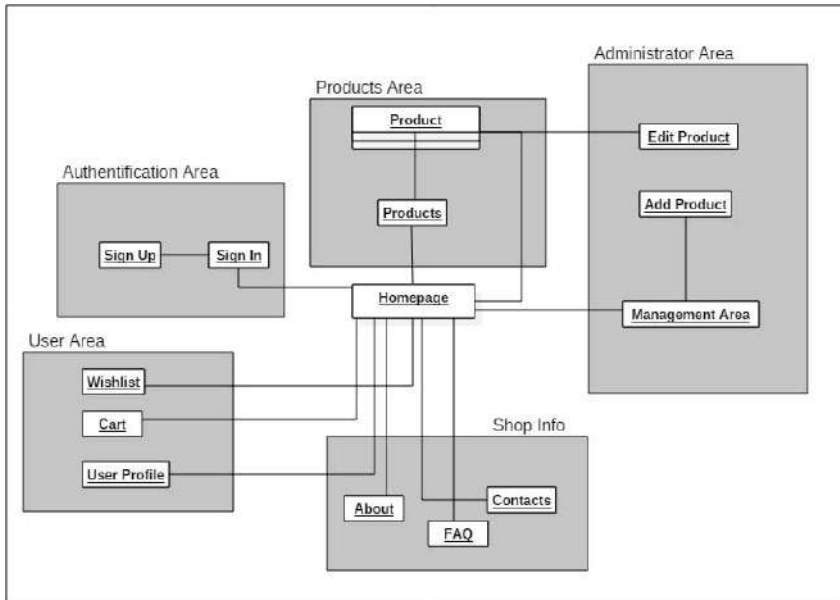
In this figure some characteristics common to all pages are highlighted:

- The web design implemented is has a responsive flow which allows the web page layout to suit most screen sizes and resolutions, from a 15" laptop to a 4" smartphone.
- The common links and buttons to the several pages, mainly the ones placed in the navigation bar and footer, maintain their position to deliver a consistent user experience.
- When it comes to button contrast, the most important actions have an all-black color so it stands out, meanwhile the least important remain with a black stroke and white background.

## 2. Sitemap

A sitemap is a visual representation of the relationship between the different pages of a website that shows how all the information fits together.

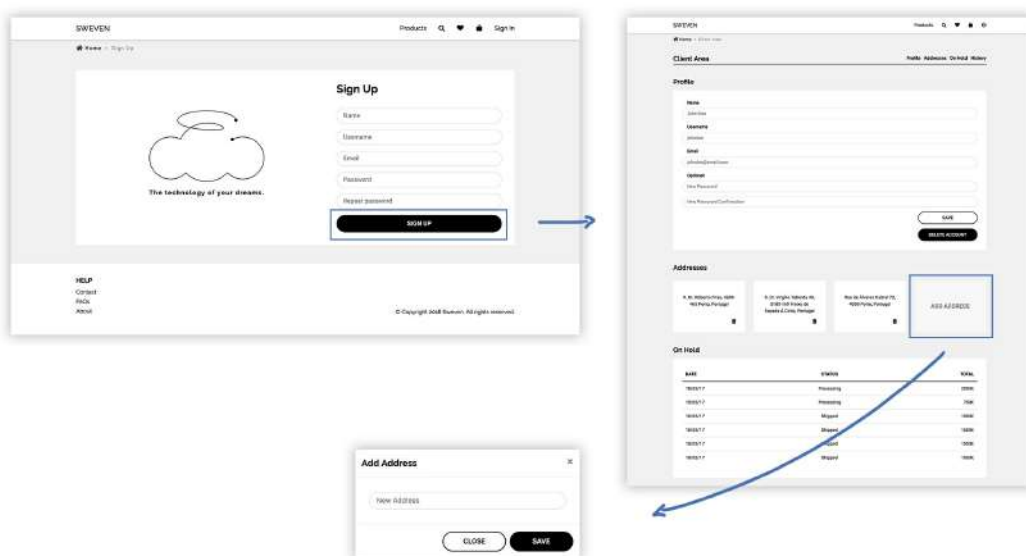
The sitemap gives the project team an idea of how the website is going to be build by helping to clarify the information hierarchy.

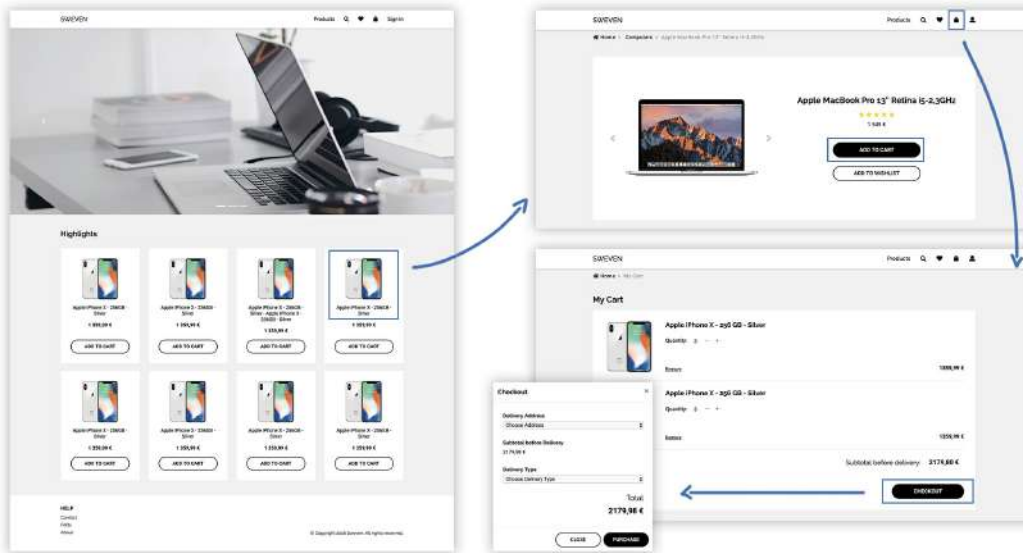


**Figure 2:** Sitemap.

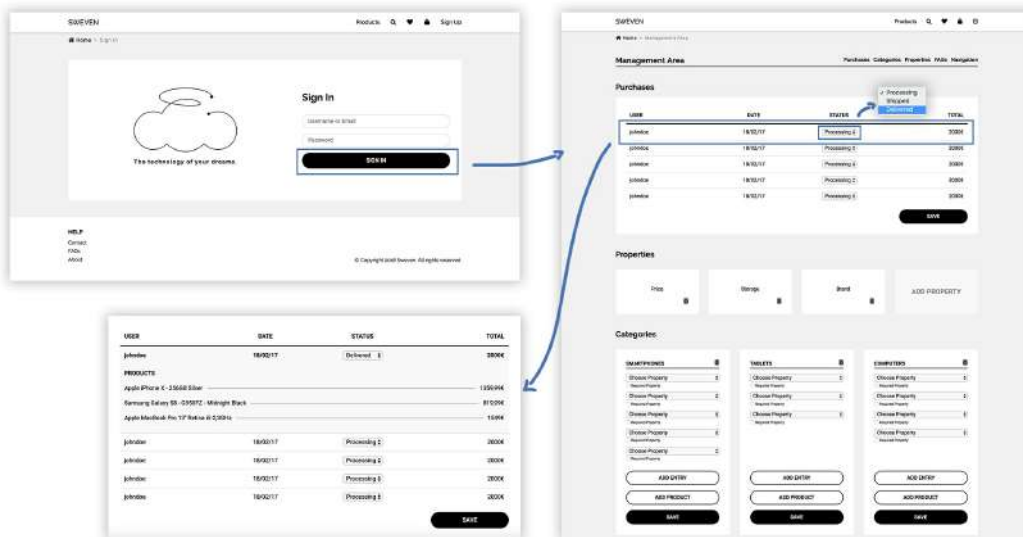
## 3. Storyboards

Storyboards are presented to represent some of the main interactions with the system using a sequence of interfaces and explaining how navigation is done between them.

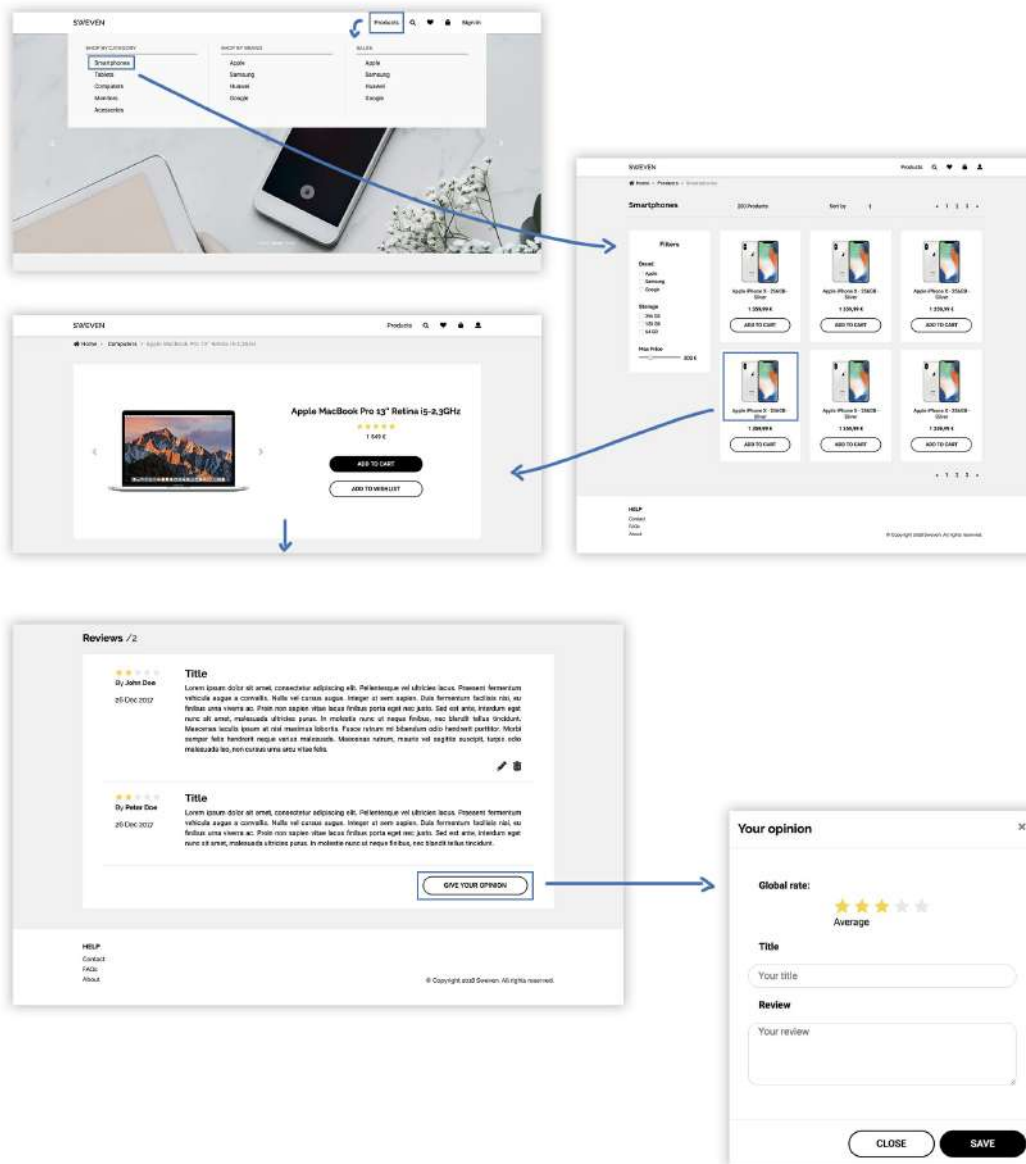




**Figure 3:** Wireflow centered on the user's action of adding an address and making a purchase.



**Figure 4:** Wireflow centered on the administrator's action of updating a purchase's state.



**Figure 5:** Wireflow centered on the user's action of making a review.

## 4. Interfaces

### Homepage

#### UI01: Homepage

Main website page where you can consult the last arrivals.

#### Desktop

#### Mobile



## Highlights



Apple iPhone X - 256GB - Silver

**1 359,99 €**

ADD TO CART



Apple iPhone X - 256GB - Silver

**1 359,99 €**

ADD TO CART



Apple iPhone X - 256GB - Silver - Apple iPhone X - 256GB - Silver

**1 359,99 €**

ADD TO CART



Apple iPhone X - 256GB - Silver

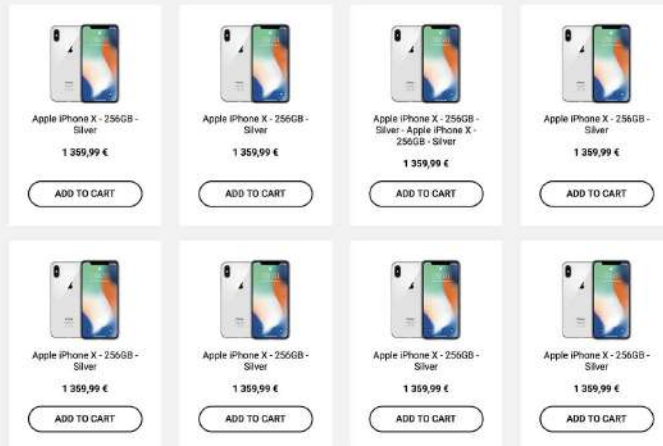
**1 359,99 €**

ADD TO CART





## Highlights



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Apple iPhone X - 256GB - Silver

1 359,99 €

ADD TO CART



Apple iPhone X - 256GB - Silver

1 359,99 €

ADD TO CART



Apple iPhone X - 256GB - Silver

1 359,99 €

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Apple iPhone X - 256GB - Silver

1 359,99 €

ADD TO CART

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**Figure 6:** [Homepage](#)

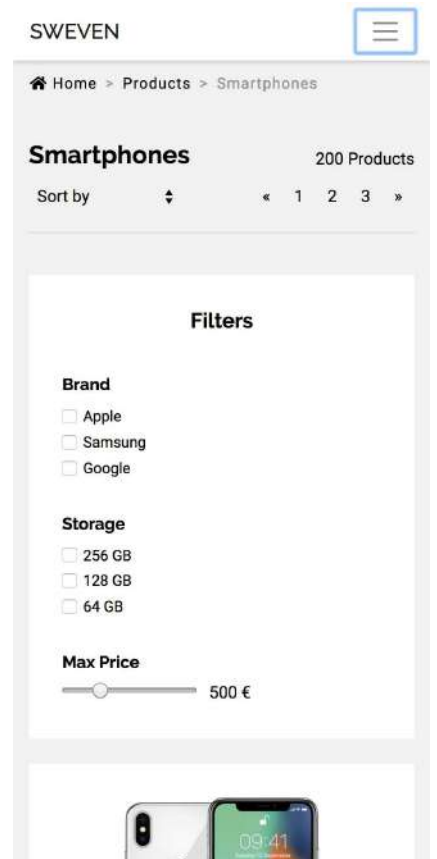
Products Area

## UI02: Products

A page where you can see the list of the smartphones available and where is a filter that helps you narrow your search.

**Desktop**

**Mobile**



SWEVEN

Products

Home > Products > Smartphones

Smartphones

200 Products

Sort by

1 2 3

Filters

Brand


☐ Apple
 ☐ Samsung
 ☐ Google

Storage


☐ 256 GB
 ☐ 128 GB
 ☐ 64 GB

Max Price


500 €




Apple iPhone X - 256GB - Silver  
 1 359,99 €  
 ADD TO CART




Apple iPhone X - 256GB - Silver  
 1 359,99 €  
 ADD TO CART




Apple iPhone X - 256GB - Silver  
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Apple iPhone X - 256GB - Silver  
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Apple iPhone X - 256GB - Silver  
 1 359,99 €  
 ADD TO CART



Apple iPhone X - 256GB - Silver  
 1 359,99 €  
 ADD TO CART

1 2 3

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Apple iPhone X - 256GB - Silver

1 359,99 €

ADD TO CART

Apple iPhone X - 256GB - Silver

1 359,99 €

ADD TO CART

Apple iPhone X - 256GB - Silver

1 359,99 €

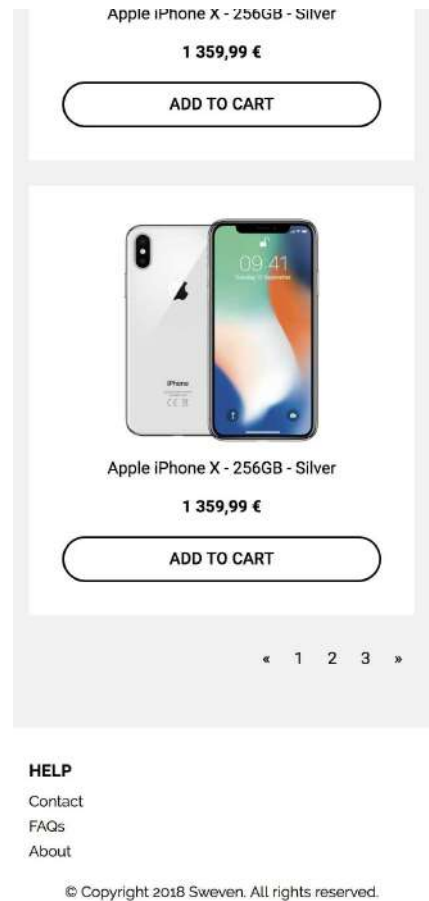
ADD TO CART

Apple iPhone X - 256GB - Silver

1 359,99 €

ADD TO CART

10/31



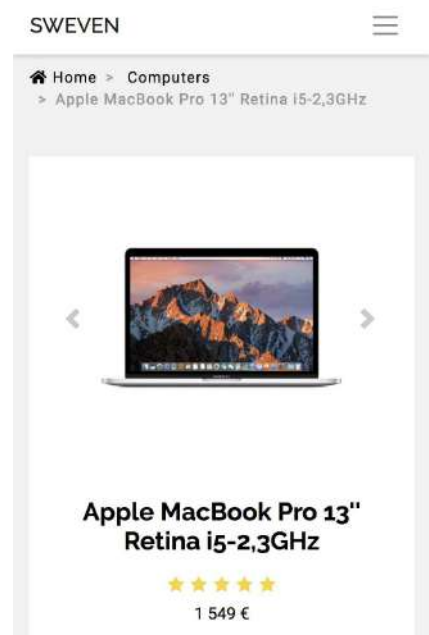
**Figure 7:** [Products](#)

### UI03: Product

A page with the information and reviews of a specific product, which you can add to your cart or save to your wishlist.

#### Desktop

#### Mobile



ADD TO CART

ADD TO WISHLIST

## Tech Specs

### STORAGE

256GB

### CHIP

A11 Bionic chip with 64-bit architecture

### LOCATION

Assisted GPS, GLONASS, Galileo, and QZSS

Digital compass

Wi-Fi

Cellular

iBeacon microlocation

### POWER AND BATTERY

Up to 21h (wireless)

Up to 50% charge 30 minutes

### SENSORS

Face ID

Barometer

Three-axis gyro

Accelerometer

Proximity sensor

Ambient light sensor

## Reviews /2



By **John Doe**

26 Dec 2017

### Title

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel ultricies lacus. Praesent fermentum vehicula augue a convallis. Nulla vel cursus augue. Integer ut sem sapien. Duis fermentum facilisis nisi, eu finibus urna viverra ac. Proin non sapien vitae lacus finibus

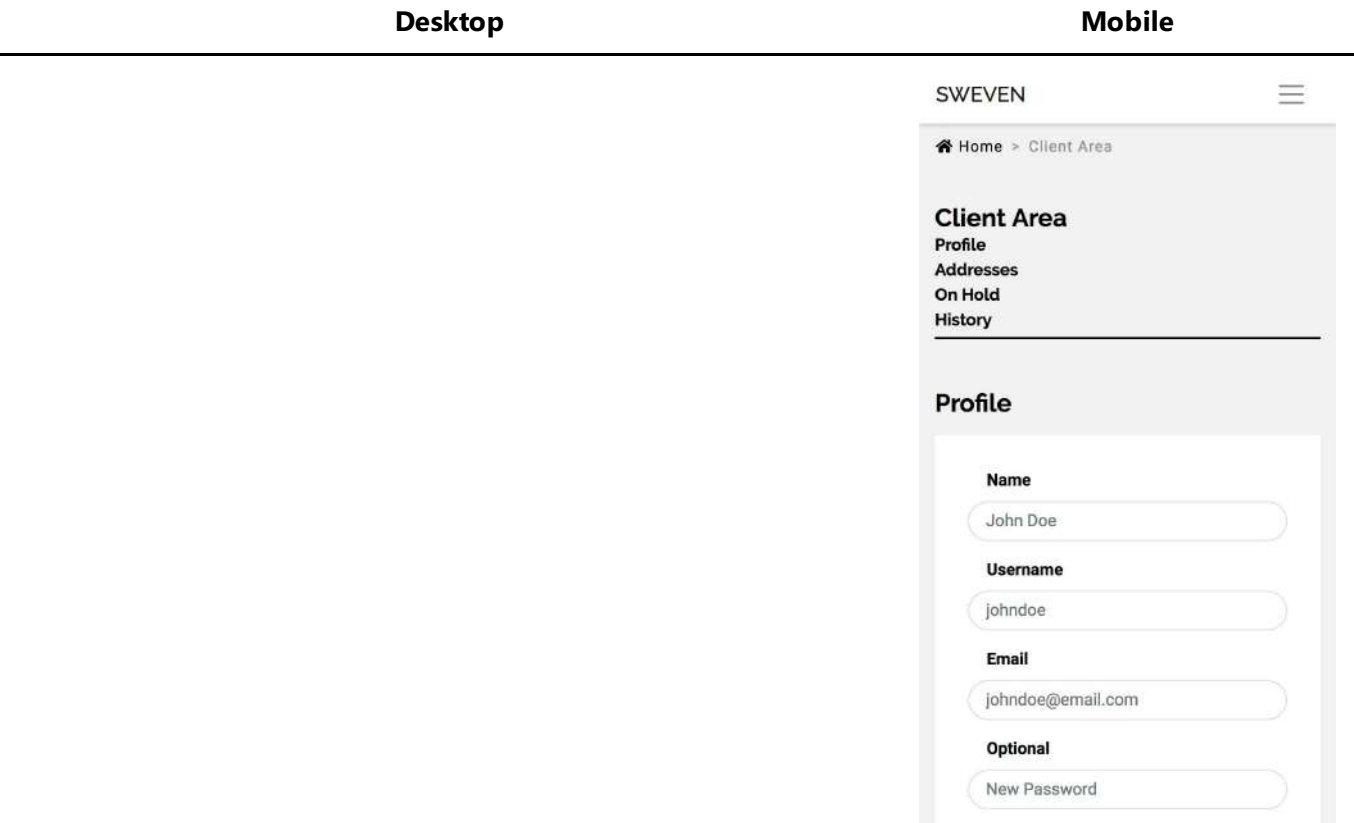


Figure 8: Product

User Area

UI04: User Profile

The page where you can verify and update your personal information and also consult your purchase history.



SWEVEN

Products

Home

Client Area

Client Area

Profile

Addresses

On Hold

History

Profile

Name

John Doe

Username

john doe

Email

john.doe@email.com

Optional

New Password

New Password Confirmation

SAVE

DELETE ACCOUNT

Addresses

R. Dr. Roberto Frias, 4200-465 Porto, Portugal

R. Dr. Virgílio Taborda 43, 5180-169 Freixo de Espada À Cinta, Portugal

Rua de Álvares Cabral 72, 4050 Porto, Portugal

ADD ADDRESS

On Hold

DATE	STATUS	TOTAL
18/02/17	Processing	2000€
15/02/17	Processing	750€
10/02/17	Shipped	1500€
10/02/17	Shipped	1500€
10/02/17	Shipped	1500€
10/02/17	Shipped	1500€

History

DATE	STATUS	TOTAL
10/02/17	Delivered	1500€
10/02/17	Delivered	1500€
10/02/17	Delivered	1500€
10/02/17	Delivered	1500€
10/02/17	Delivered	1500€
10/02/17	Delivered	1500€
10/02/17	Delivered	1500€

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New Password Confirmation

SAVE

DELETE ACCOUNT

Addresses

R. Dr. Roberto Frias, 4200-465 Porto, Portugal

R. Dr. Virgílio Taborda 43, 5180-169 Freixo de Espada À Cinta, Portugal

Rua de Álvares Cabral 72, 4050 Porto, Portugal

ADD ADDRESS

On Hold

DATE	STATUS	TOTAL
18/02/17	Processing	2000€
15/02/17	Processing	750€
10/02/17	Shipped	1500€
10/02/17	Shipped	1500€
10/02/17	Shipped	1500€
10/02/17	Shipped	1500€

History

DATE	STATUS	TOTAL
10/02/17	Delivered	1500€
10/02/17	Delivered	1500€
10/02/17	Delivered	1500€
10/02/17	Delivered	1500€
10/02/17	Delivered	1500€

10/02/17	Delivered	1500€
10/02/17	Delivered	1500€

**HELP**

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**Figure 9:** [User Product](#)

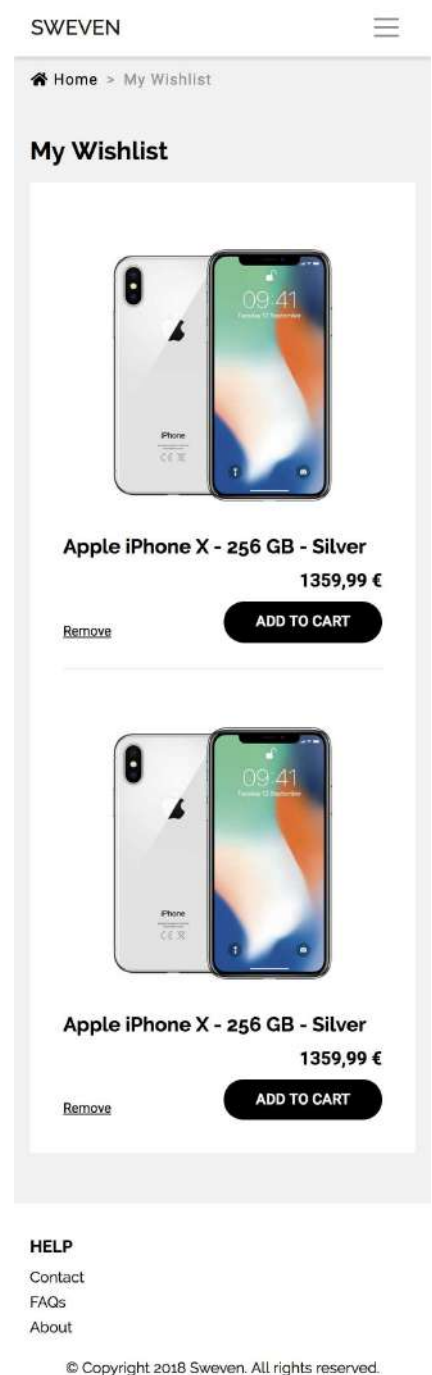
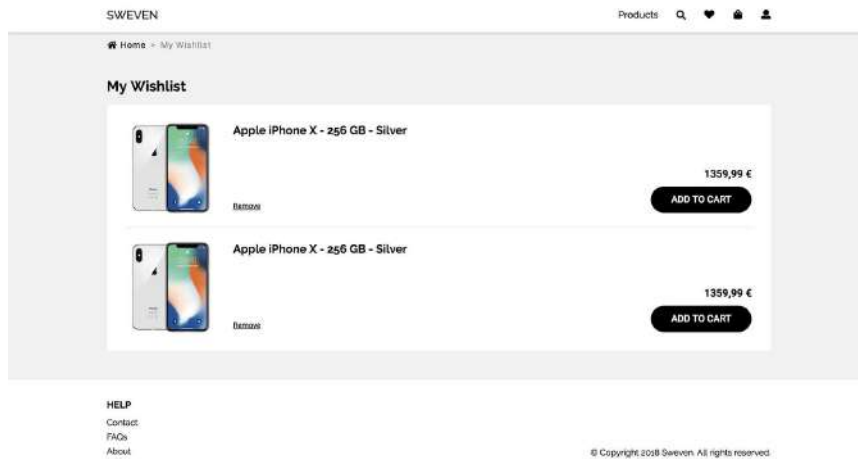
## UI05: Wishlist

The page where you can see the products that you saved to check later.

**Desktop**

**Mobile**





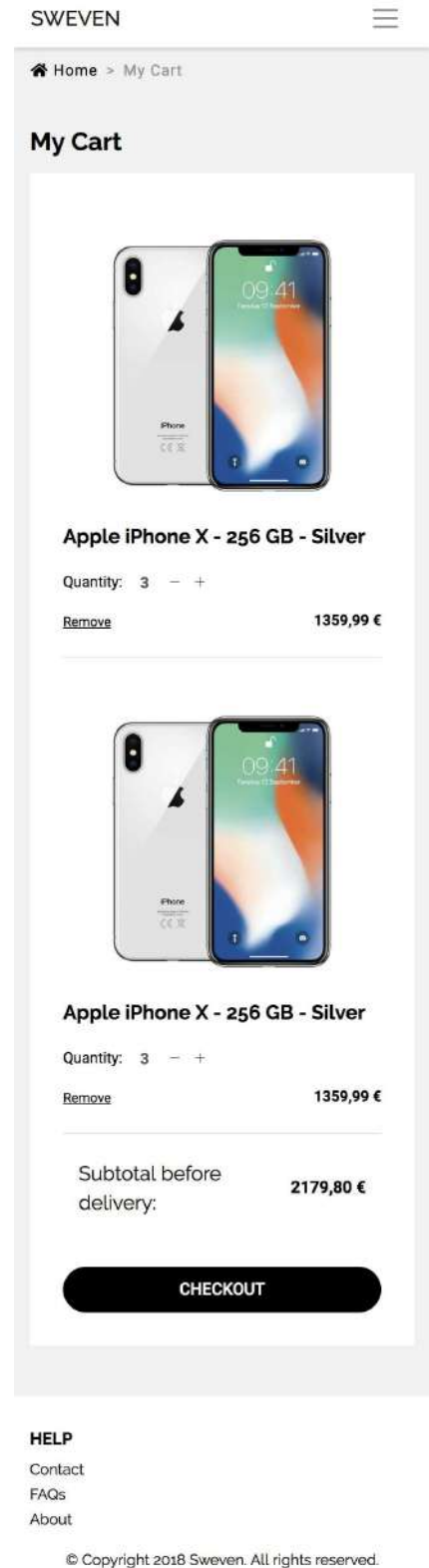
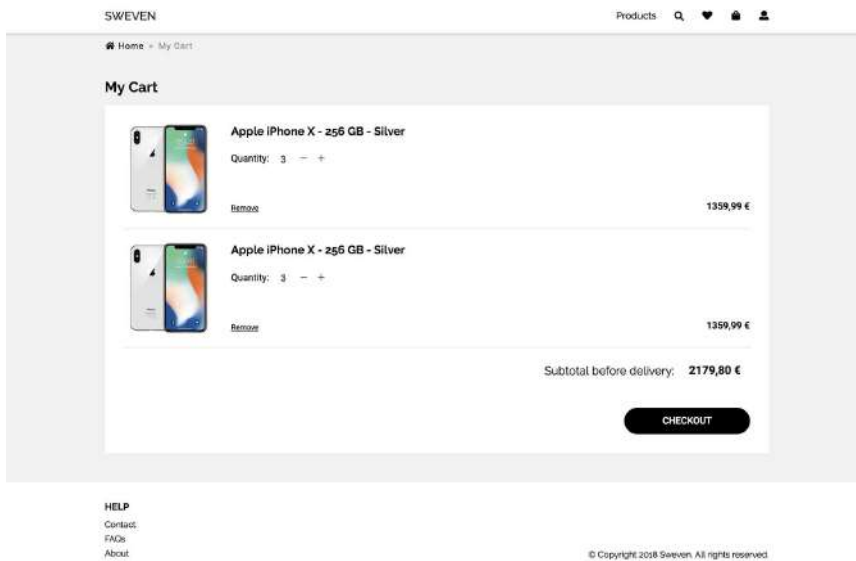
**Figure 10:** [Wishlist](#)

## UI06: Cart

The page that shows you the subtotal and the products you wanted to buy.

**Desktop**

**Mobile**



**Figure 11:** [Cart](#)

Administrator Area

## UI07: Management Area

The page where the administrator can manage the website products and structure.

SWEVEN

Home > Management Area

Management Area

Purchases

Categories

Properties

FAQs

Navigation

Purchases

USER	DATE	STATUS	TOTAL
johndoe	18/02/17		2000€
johndoe	18/02/17		2000€
johndoe	18/02/17		2000€
johndoe	18/02/17		2000€
johndoe	18/02/17		2000€

SAVE

Properties

Price

Storage

Brand

ADD PROPERTY

Categories

SMARTPHONES

Choose Property

☐ Required Property

Choose Property

☐ Required Property

Choose Property

☐ Required Property

SWEVEN

Products

Home

Management Area

Management Area

PurchasesCategoriesPropertiesFAQsNavigation

Purchases

USER	DATE	STATUS	TOTAL
JohnDoe	18/02/17	Processing	2000€
JohnDoe	18/02/17	Processing	2000€
JohnDoe	18/02/17	Processing	2000€
JohnDoe	18/02/17	Processing	2000€
JohnDoe	18/02/17	Processing	2000€

SAVE

Properties

Price

Storage

Brand

ADD PROPERTY

Categories

SMARTPHONES

Choose Property

Required Property

Choose Property

Required Property

Choose Property

Required Property

Choose Property

Required Property

Choose Property

Required Property

ADD ENTRY

ADD PRODUCT

SAVE

TABLETS

Choose Property

Required Property

Choose Property

Required Property

Choose Property

Required Property

ADD ENTRY

ADD PRODUCT

SAVE

COMPUTERS

Choose Property

Required Property

Choose Property

Required Property

Choose Property

Required Property

Choose Property

Required Property

ADD ENTRY

ADD PRODUCT

SAVE

ADD CATEGORY

FAQs

Q: Lorem ipsum dolor sit amet, consectetur adipiscing elit?

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel ultricies lacus. Praesent fermentum vehicula augue a convallis. Nulla vel cursus augue. Integer ut sem sapien. Duis fermentum facilisis nisi, eu finibus urna viverra ac. Proin non sapien vitae lacus finibus porta eget nec justo.

Q: Lorem ipsum dolor sit amet, consectetur adipiscing elit?

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel ultricies lacus. Praesent fermentum vehicula augue a convallis. Nulla vel cursus augue. Integer ut sem sapien. Duis fermentum facilisis nisi, eu finibus urna viverra ac. Proin non sapien vitae lacus finibus porta eget nec justo.

Q: Lorem ipsum dolor sit amet, consectetur adipiscing elit?

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel ultricies lacus. Praesent fermentum vehicula augue a convallis. Nulla vel cursus augue. Integer ut sem sapien. Duis fermentum facilisis nisi, eu finibus urna viverra ac. Proin non sapien vitae lacus finibus porta eget nec justo.

ADD FAQ

Navigation

CATEGORIES

Choose Category

Choose Category

Choose Category

Choose Category

Choose Category

ADD ENTRY

BRANDS

Choose Brand

Choose Brand

Choose Brand

ADD ENTRY

Choose Property

Required Property

Choose Property

Required Property

ADD ENTRY

ADD PRODUCT

SAVE

TABLETS

Choose Property

Required Property

Choose Property

Required Property

Choose Property

Required Property

ADD ENTRY

ADD PRODUCT

SAVE

COMPUTERS

Choose Property

Required Property

Choose Property

Required Property

Choose Property

Required Property

Choose Property

Required Property

ADD ENTRY

ADD PRODUCT

SAVE

ADD CATEGORY

## FAQs

Q: Lorem ipsum dolor sit amet, consectetur adipiscing elit?

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel ultricies lacus. Praesent fermentum vehicula augue a convallis. Nulla vel cursus augue. Integer ut sem sapien. Duis fermentum facilisis nisi, eu finibus urna viverra ac. Proin non sapien vitae lacus finibus porta eget nec justo.

SAVE

SAVE

HELP  
Contact  
FAQs  
About

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**Q: Lorem ipsum dolor sit amet,  
consectetur adipiscing elit?**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel ultricies lacus. Praesent fermentum vehicula augue a convallis. Nulla vel cursus augue. Integer ut sem sapien. Duis fermentum facilisis nisi, eu finibus urna viverra ac. Proin non sapien vitae lacus finibus porta eget nec justo.



**Q: Lorem ipsum dolor sit amet,  
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ADD FAQ

Navigation

CATEGORIES

Choose Category

Choose Category

Choose Category

Choose Category

Choose Category

ADD ENTRY

SAVE

BRANDS

Choose Brand

Choose Brand

Choose Brand

ADD ENTRY

SAVE

#### HELP

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**Figure 12:** [Management Area](#)

### UI08: Add/Edit Product

A page where the administrator can add a new item to the store or edit an existing one.

#### Desktop

#### Mobile

SWEVEN



Home > Management Area > Add Product

#### Smartphone

##### Basic Information

###### Name

###### Price

###### Quantity

###### Brand

##### Photos



## Smartphone

## Basic Information

## Name

## Price

## Quantity

## Brand

## Photos

ADD PHOTO

## Tech Specs

## STORAGE \*

## CHIP

## SENSORS \*

## LOCATION

## HELP

[Contact](#)[FAQs](#)[About](#)

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ADD PHOTO

## Tech Specs

## STORAGE \*

## CHIP

## SENSORS \*

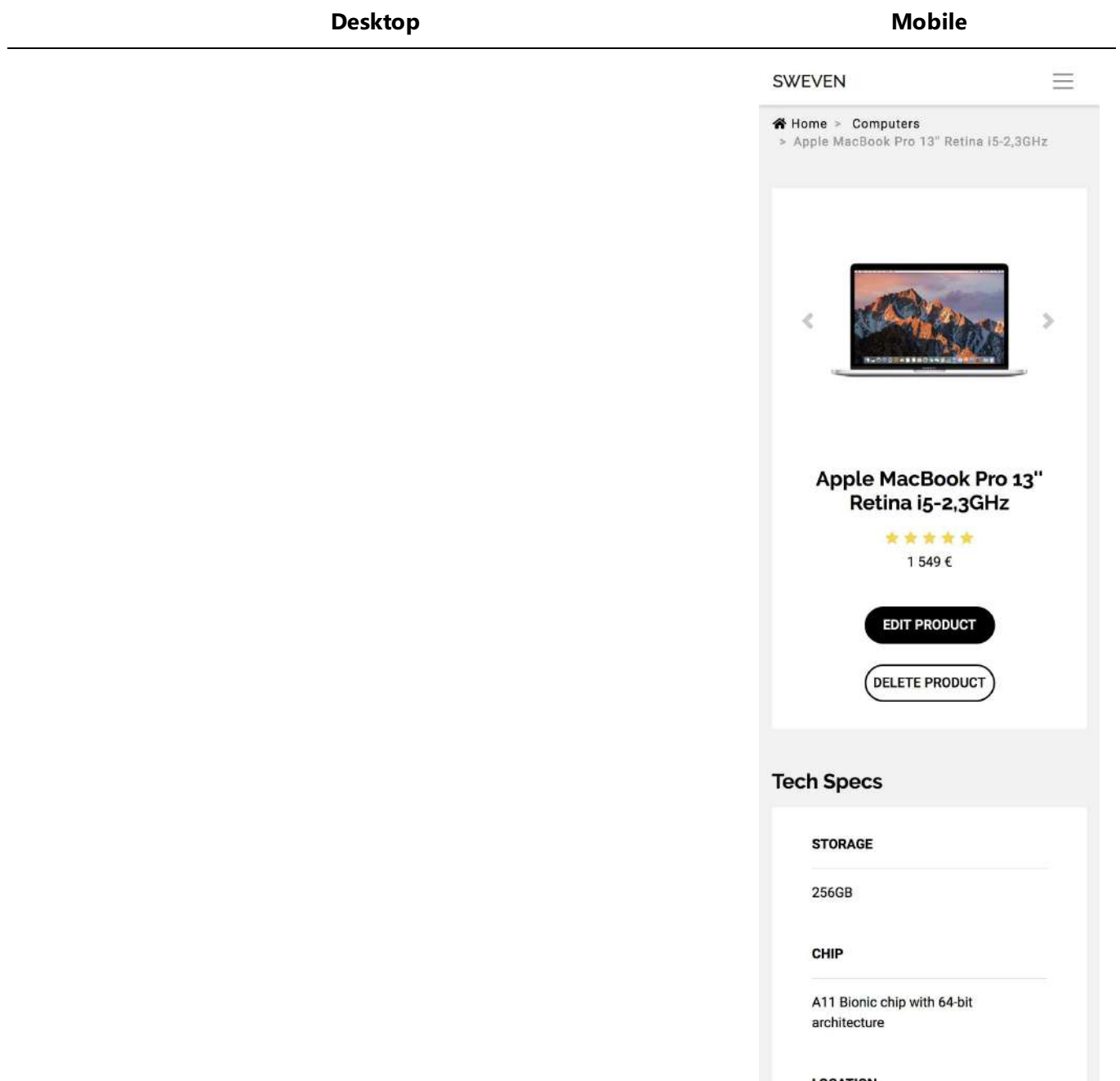
## LOCATION



**Figure 13:** [Add/Edit Product](#)

## UI09: Product seen as an Administrator

The page where the administrator can delete any offensive reviews of a specific product or the product itself.





SWEVEN

Products

Home

Computers

Apple MacBook Pro 13" Retina i5-2,3GHz

Apple MacBook Pro 13" Retina i5-2,3GHz

★★★★★

1 549 €

EDIT PRODUCT

DELETE PRODUCT

Tech Specs

STORAGE	256GB
CHIP	A11 Bionic chip with 64-bit architecture
LOCATION	Assisted GPS, GLONASS, Galileo, and QZSS Digital compass Wi-Fi Cellular iBeacon microlocation
POWER AND BATTERY	Up to 21h (wireless) Up to 50% charge 30 minutes
SENSORS	Face ID Barometer Three-axis gyro Accelerometer Proximity sensor Ambient light sensor

Reviews /2

★★★★★

By John Doe

26 Dec 2017

Title

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel ultricies lacus. Praesent fermentum vehicula augue a convallis. Nulla vel cursus augue. Integer ut sem sapien. Duis fermentum facilisis nisi, eu finibus urna viverra ac. Proin non sapien vitae lacus finibus porta eget nec justo. Sed est ante, interdum eget nunc sit amet, malesuada ultricies purus. In molestie nunc ut neque finibus, nec blandit tellus tincidunt. Maecenas iaculis ipsum at nisi maximus lobortis. Fusce rutrum mi bibendum odio hendrerit porttitor. Morbi semper felis hendrerit neque varius malesuada. Maecenas rutrum, mauris vel sagittis suscipit, turpis odio malesuada leo, non cursus urna arcu vitae felis.

DELETE REVIEW

★★★★★

By John Doe

26 Dec 2017

Title

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel ultricies lacus. Praesent fermentum vehicula augue a convallis. Nulla vel cursus augue. Integer ut sem sapien. Duis fermentum facilisis nisi, eu finibus urna viverra ac. Proin non sapien vitae lacus finibus porta eget nec justo. Sed est ante, interdum eget nunc sit amet, malesuada ultricies purus. In molestie nunc ut neque finibus, nec blandit tellus tincidunt. Maecenas iaculis ipsum at nisi maximus lobortis. Fusce rutrum mi bibendum odio hendrerit porttitor. Morbi semper felis hendrerit neque varius malesuada. Maecenas rutrum, mauris vel sagittis suscipit, turpis odio malesuada leo, non cursus urna arcu vitae felis.

DELETE REVIEW

HELP

Contact

FAQs

About

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Assisted GPS, GLONASS, Galileo, and QZSS

Digital compass

Wi-Fi

Cellular

iBeacon microlocation

POWER AND BATTERY

Up to 21h (wireless)

Up to 50% charge 30 minutes

SENSORS

Face ID

Barometer

Three-axis gyro

Accelerometer

Proximity sensor

Ambient light sensor

Reviews /2

★★★★★

By John Doe

26 Dec 2017

Title

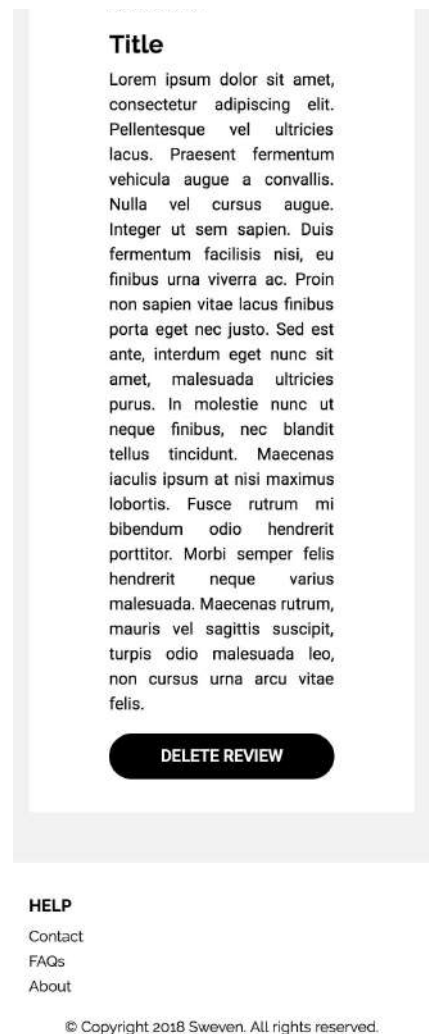
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel ultricies lacus. Praesent fermentum vehicula augue a convallis. Nulla vel cursus augue. Integer ut sem sapien. Duis fermentum facilisis nisi, eu finibus urna viverra ac. Proin non sapien vitae lacus finibus porta eget nec justo. Sed est ante, interdum eget nunc sit amet, malesuada ultricies purus. In molestie nunc ut neque finibus, nec blandit tellus tincidunt. Maecenas iaculis ipsum at nisi maximus lobortis. Fusce rutrum mi bibendum odio hendrerit porttitor. Morbi semper felis hendrerit neque varius malesuada. Maecenas rutrum, mauris vel sagittis suscipit, turpis odio malesuada leo, non cursus urna arcu vitae felis.

DELETE REVIEW

★★★★★

By John Doe

26 Dec 2017



**Figure 14:** [Product seen as an Administrator](#)

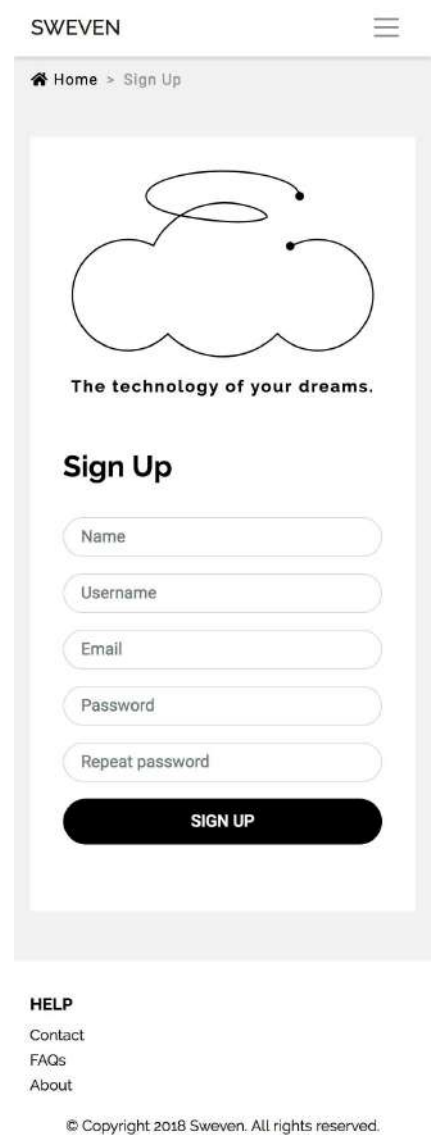
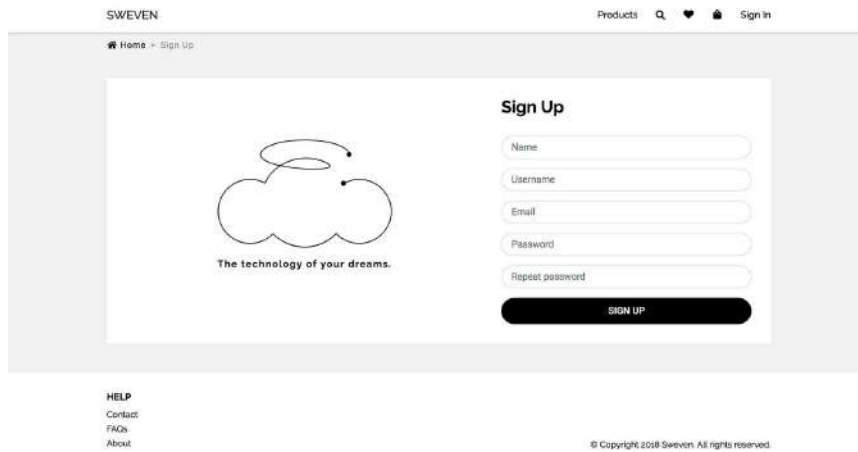
Authentication Area

## UI10: Sign Up

The page where you can register yourself as a new user.

**Desktop**

**Mobile**



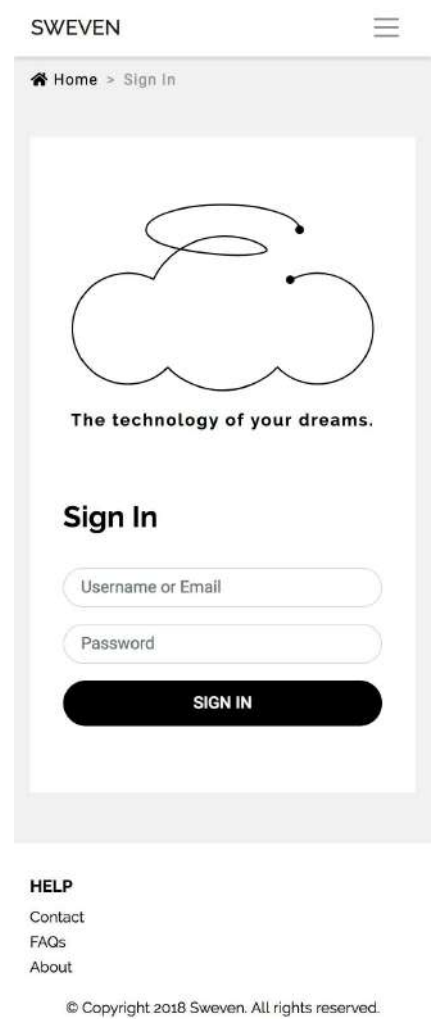
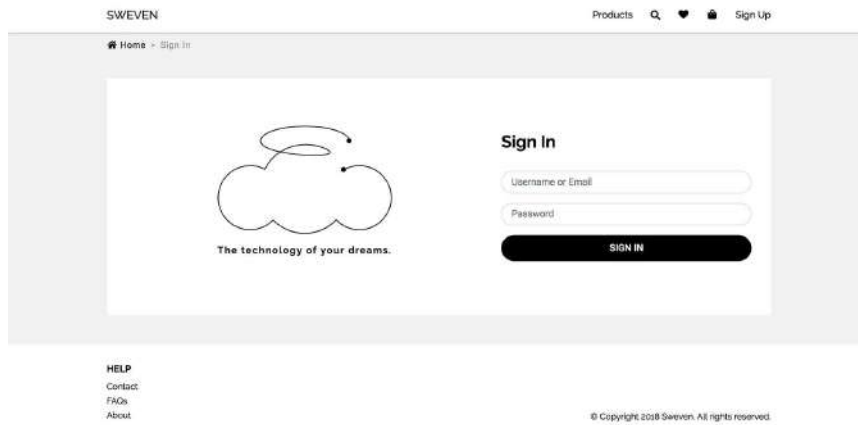
**Figure 15:** [Sign Up](#)

## UI11: Sign In

The page where you can authenticate yourself into the system.

**Desktop**

**Mobile**



**Figure 16:** [Sign In](#)

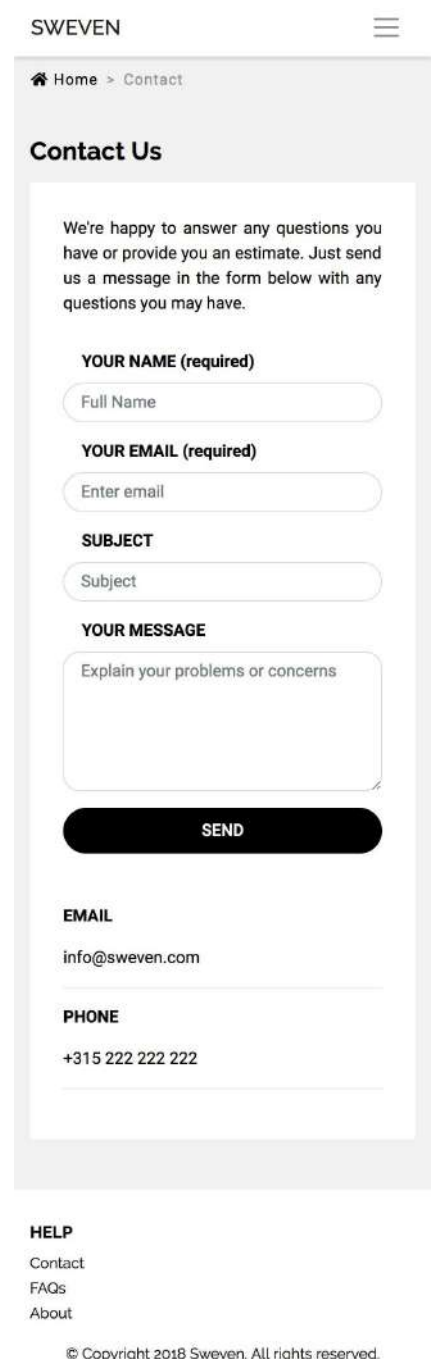
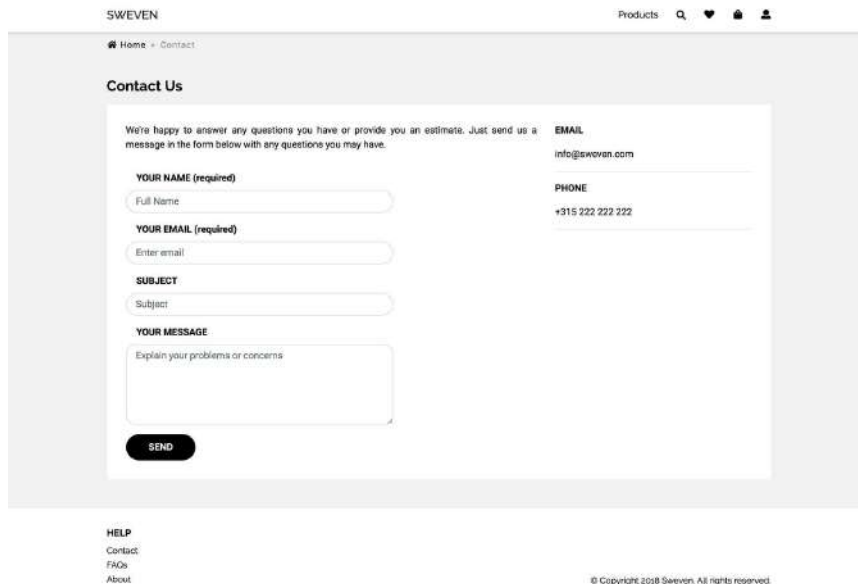
Shop Info

## UI12: Contacts

The page where you can send a message to the website corporation or get another way to contact.

**Desktop**

**Mobile**



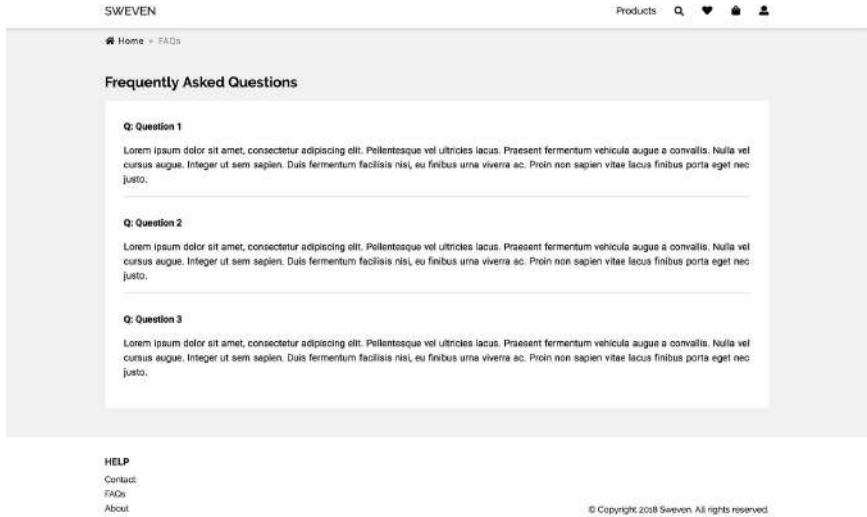
**Figure 17:** [Contacts](#)

## UI13: FAQ

The page where you can find some of the most asked questions and presumably get the answer you are seeking.

**Desktop**

**Mobile**



## Frequently Asked Questions

### Q: Question 1

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel ultricies lacus. Praesent fermentum vehicula augue a convallis. Nulla vel cursus augue. Integer ut sem sapien. Duis fermentum facilisis nisi, eu finibus urna viverra ac. Proin non sapien vitae lacus finibus porta eget nec justo.

### Q: Question 2

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel ultricies lacus. Praesent fermentum vehicula augue a convallis. Nulla vel cursus augue. Integer ut sem sapien. Duis fermentum facilisis nisi, eu finibus urna viverra ac. Proin non sapien vitae lacus finibus porta eget nec justo.

### Q: Question 3

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel ultricies lacus. Praesent fermentum vehicula augue a convallis. Nulla vel cursus augue. Integer ut sem sapien. Duis fermentum facilisis nisi, eu finibus urna viverra ac. Proin non sapien vitae lacus finibus porta eget nec justo.

## HELP

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[FAQs](#)  
[About](#)

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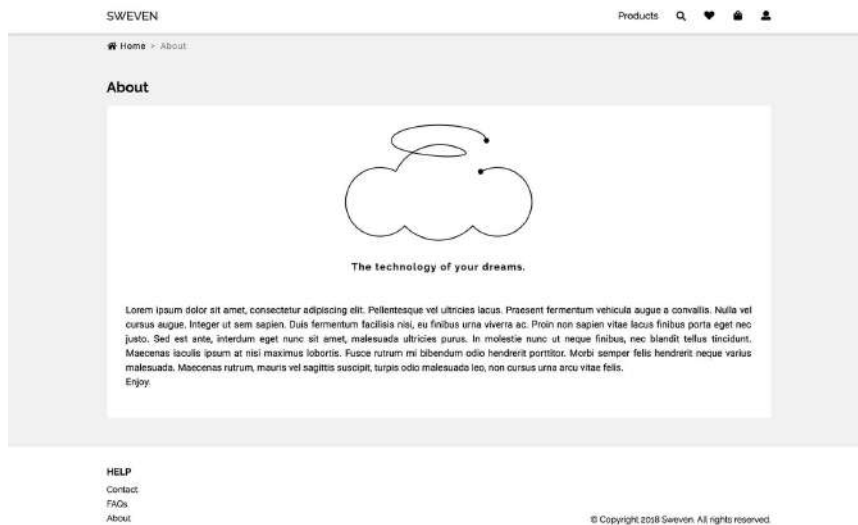
Figure 18: [FAQ](#)

## UI14: About

The page where you can find a bit more about the website corporation.

Desktop

Mobile



**Figure 19:** [About](#)

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