

A3: User Interface Prototype

Our project features an information system capable of supporting an online store, which would allow users to buy products from a wide range of categories.

This artifact has the purpose of:

- Plan the user interface of the product and create new requirements;
- Help identify and describe the user requirements.

First, the general principles of the interface design and the common features are explained, then the general vision of the information system is presented.

1. Interface and common features

Amazonas User Interfaces are made using HTML5, Javascript and CSS. On Figure 1 are presented some of *Amazonas* common features.

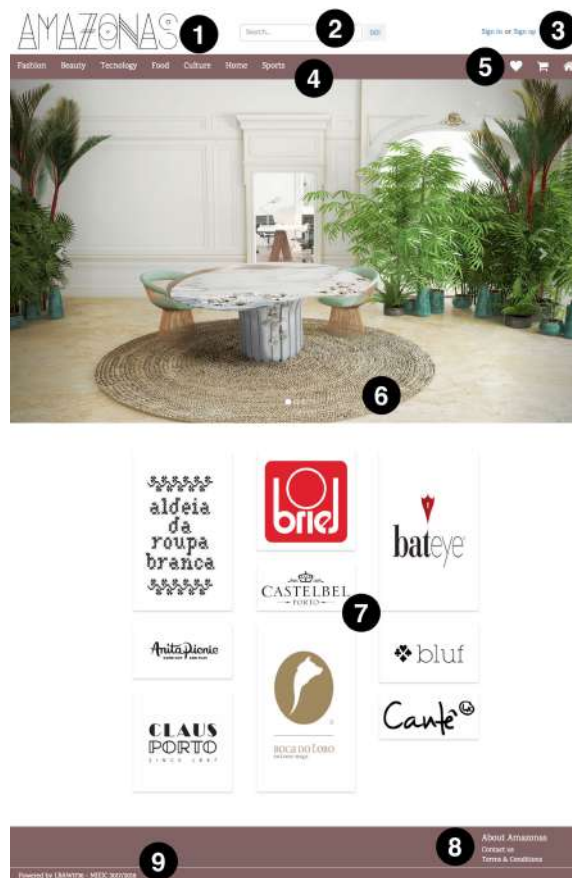


Figure 1: Homepage

1. Logo
2. Search
3. Sign in or Sign up
4. Categories
5. Shortcuts to List of Favorites, Cart and Homepage
6. Publicity image
7. Some brands
8. About Amazonas
9. Footer

2. Sitemap

The Sitemap is a visual representation of the relationship between a Website's different pages that shows how all the information is related. It provides a vision of how the Website will be constructed, making the information hierarchy clear.

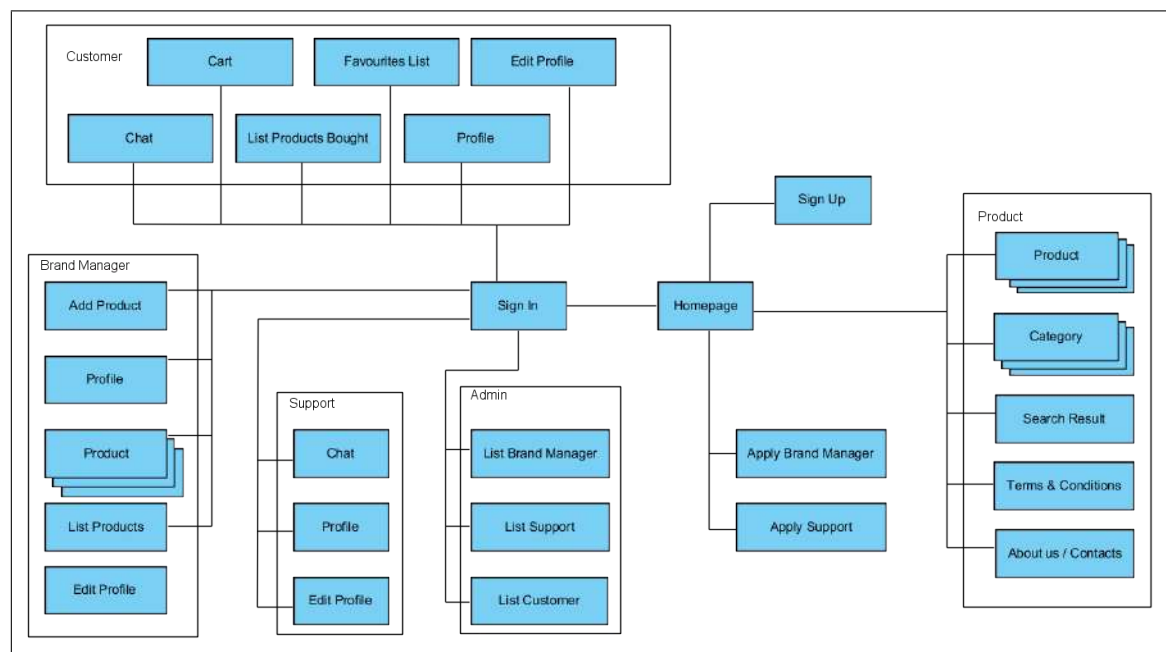


Figure 2: Sitemap

3. Storyboards

The following flowcharts show the steps that an user has to take in order to perform the most important actions in our platform. We use flowcharts because We don't have all the pages we need to do the flowchart with images.

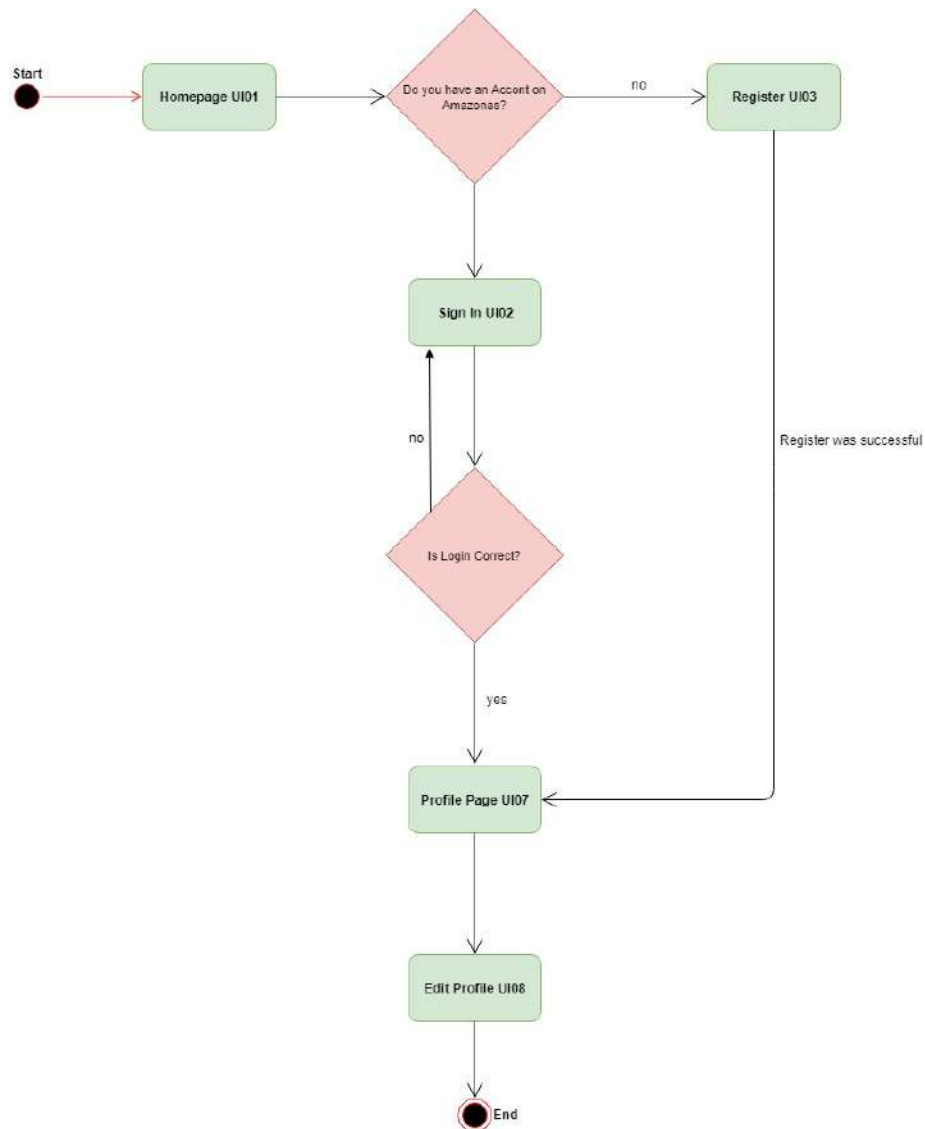


Figure 3: Edit Profile

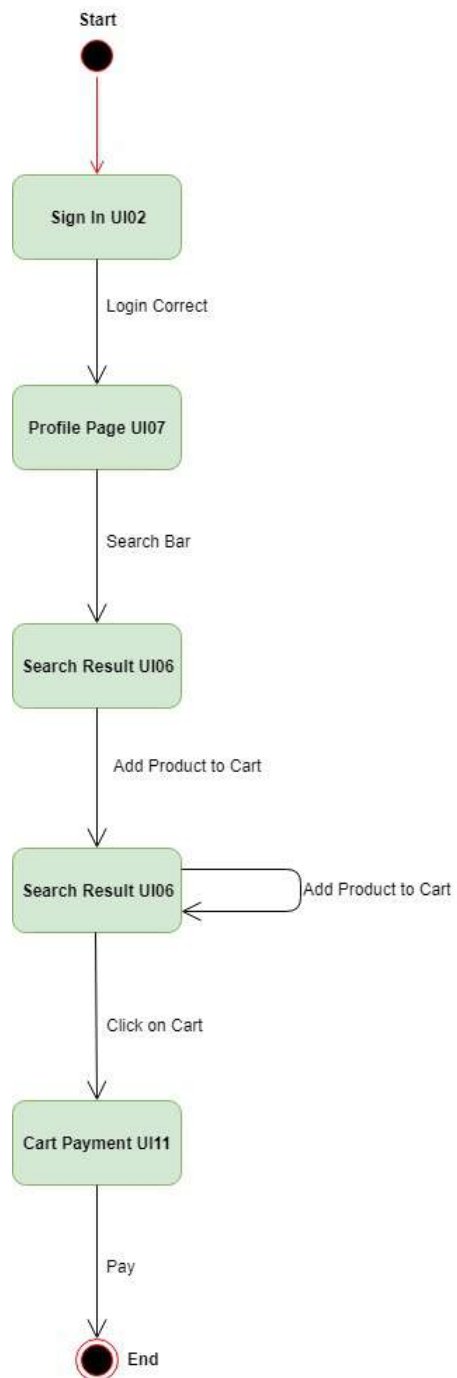


Figure 4: Buy Product

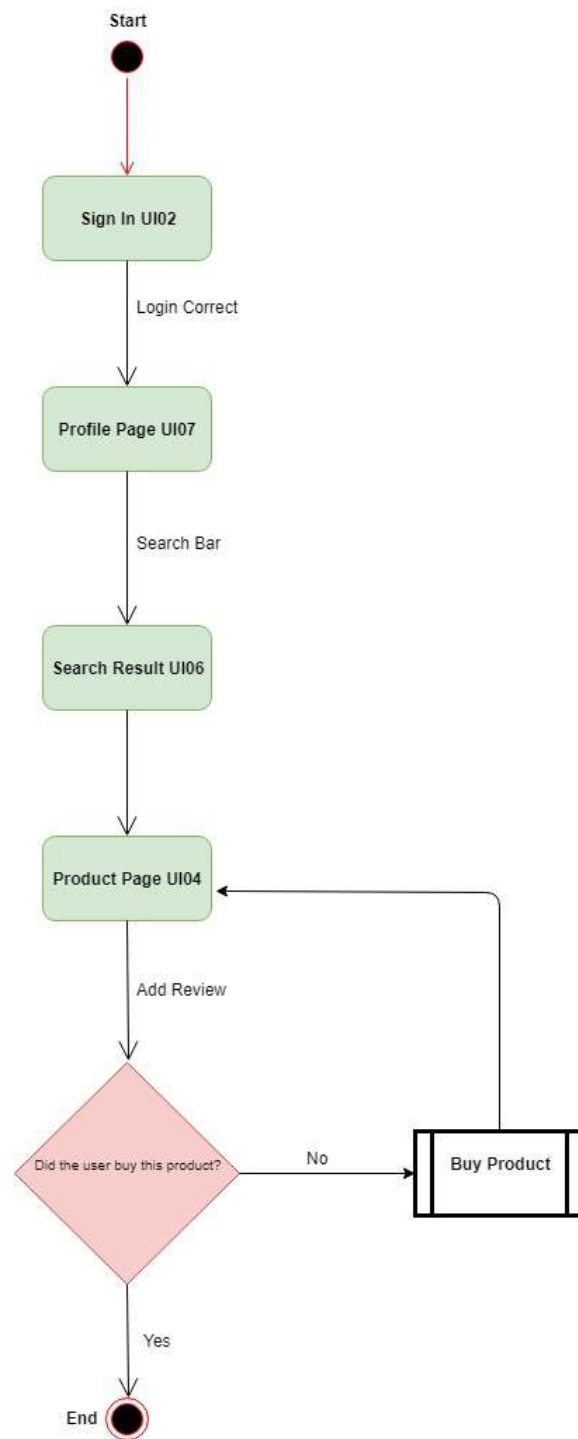


Figure 5: Add Review

The following storyboards show the main use cases of our system, giving a visual representation of the information presented above in the flowcharts.

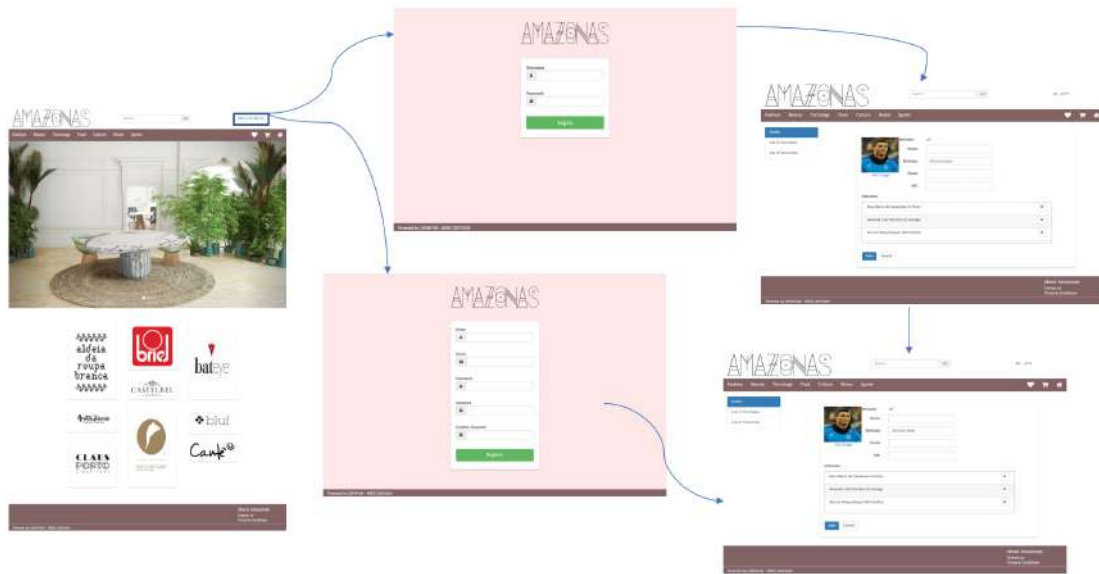


Figure 6: Edit Profile

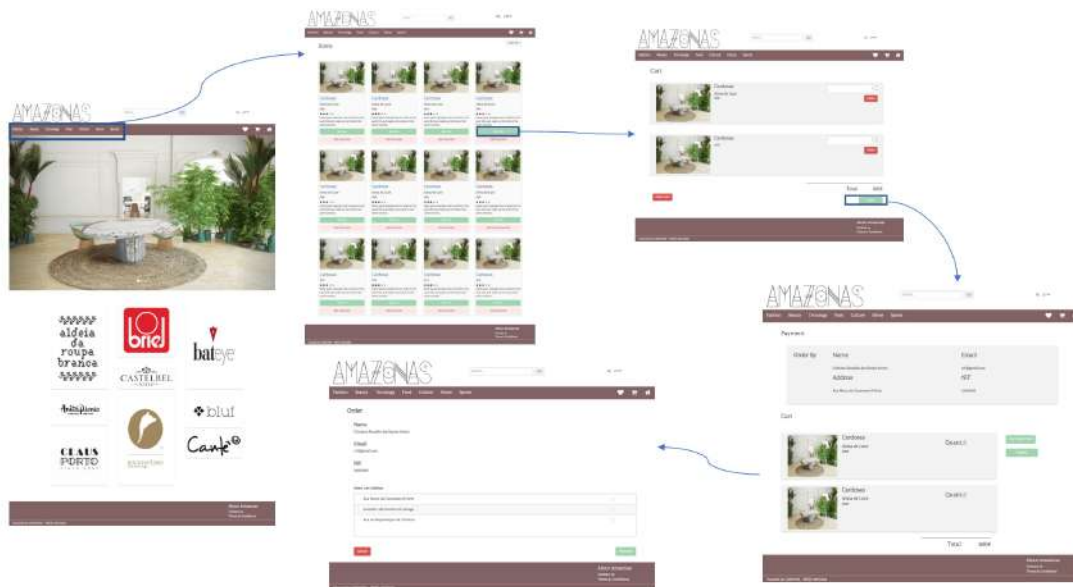


Figure 7: Buy Product

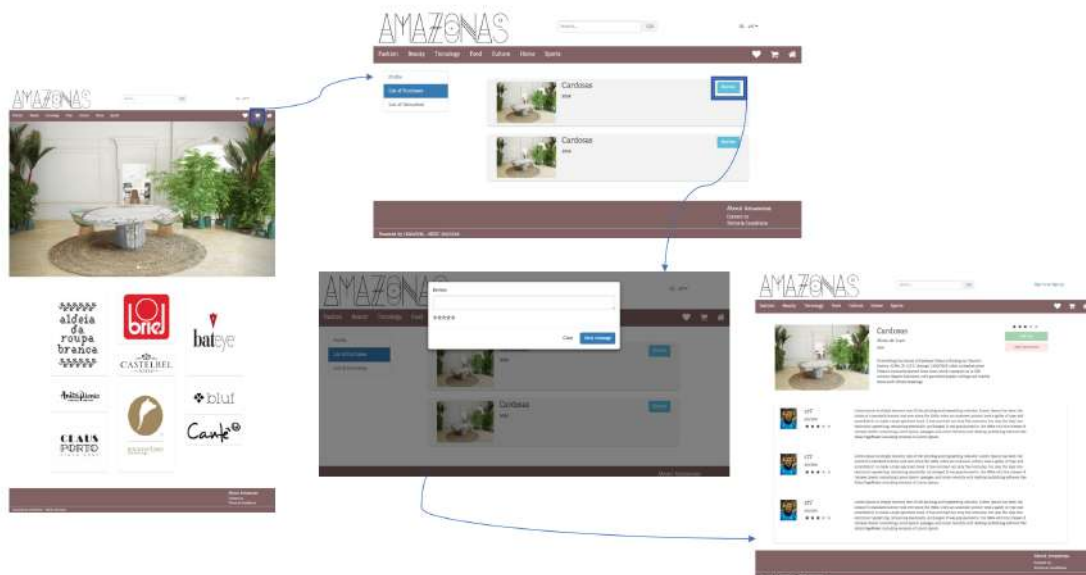


Figure 8: leave review

It should be noted that the above story board shows an alternative way to buy a product compared to the flowchart that also represents the purchase of a product.

4. Interfaces

UI01: Homepage



Figure 9: Homepage.



Figure 10: Homepage Mobile.

Link: <https://beatrizhenriquesmartins.github.io/lbaw1736/src/homepage.html>

UI02: Homepage with log in



Figure 11: Homepage Login.



Figure 12: Homepage Login Mobile.

Link: https://beatrizhenriquesmartins.github.io/lbaw1736/src/homepage_login.html

UI03: Admin page for users



Figure 13: Admin.

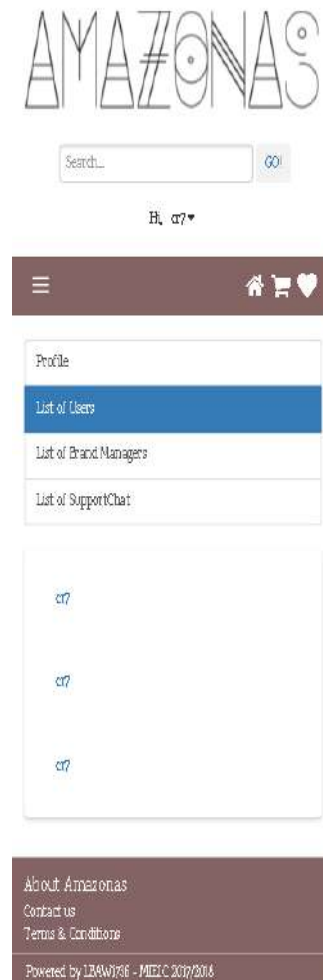


Figure 14: Admin Mobile.

Link: https://beatrizhenriquesmartins.github.io/lbaw1736/src/admin_users.html

UI04: Sign in



Figure 15: Sign in.

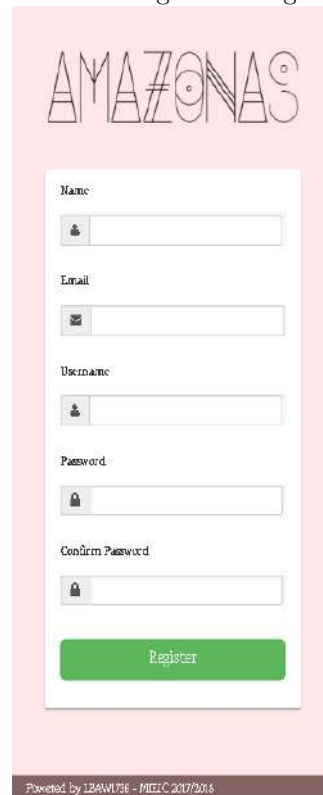


Figure 16: Sign in Mobile.

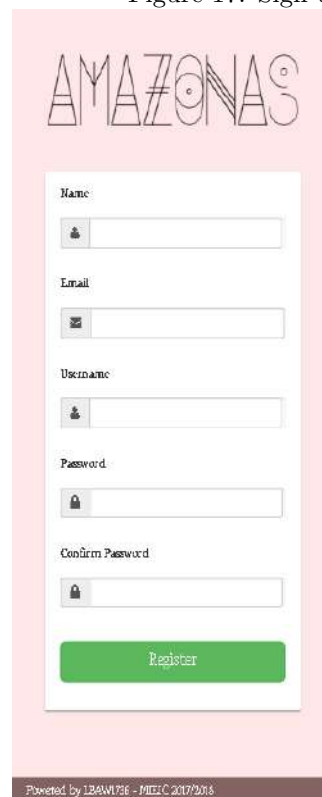
Link: <https://beatrizhenriquesmartins.github.io/lbaw1736/src/signin.html>

UI05: Sign up



A desktop sign-up form for 'AMAZONAS' on a light pink background. The form is centered and contains the following fields: Name (with a person icon), Email (with an envelope icon), Username (with a person icon), Password (with a lock icon), and Confirm Password (with a lock icon). A green 'Register' button is at the bottom. The footer text reads 'Powered by LBAW1736 - MIEIC 2017/2018'.

Figure 17: Sign up.



A mobile sign-up form for 'AMAZONAS' on a light pink background. The form is centered and contains the following fields: Name (with a person icon), Email (with an envelope icon), Username (with a person icon), Password (with a lock icon), and Confirm Password (with a lock icon). A green 'Register' button is at the bottom. The footer text reads 'Powered by LBAW1736 - MIEIC 2017/2018'.

Figure 18: Sign up Mobile.

Link: <https://beatrizhenriquesmartins.github.io/lbaw1736/src/register.html>

UI06: Product

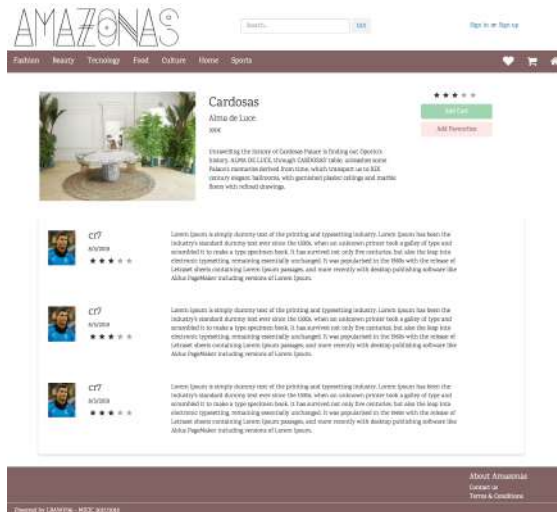


Figure 19: Product.



Figure 20: Product Mobile.

Link: <https://beatrizhenriquesmartins.github.io/lbaw1736/src/product.html>

UI07: Category

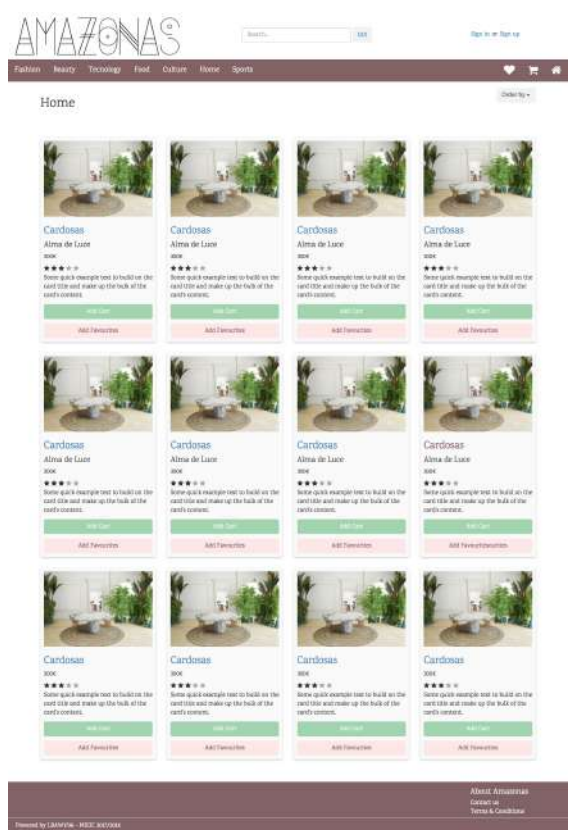


Figure 21: Category.



Figure 22: Category Mobile.

Link: <https://beatrizhenriquesmartins.github.io/lbaw1736/src/category.html>

UI08: Search Result

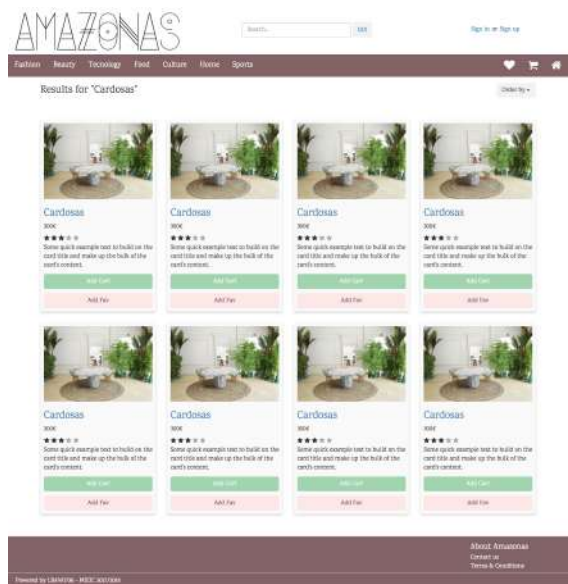


Figure 23: Search Result.



Figure 24: Search Result Mobile.

Link: https://beatrizhenriquesmartins.github.io/lbaw1736/src/search_result.html

UI09: Profile



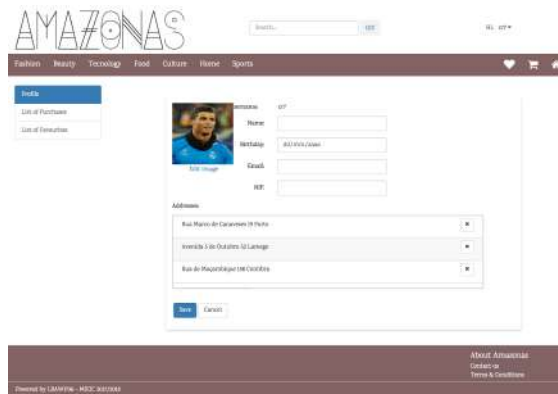
Figure 25: Profile.



Figure 26: Profile Mobile.

Link: https://beatrizhenriquesmartins.github.io/lbaw1736/src/customer_profile.html

UI10: Profile Edit



The desktop view of the Amazonas profile edit page features a dark blue header with the 'AMAZONAS' logo, a search bar, and a user profile icon. Below the header is a navigation bar with links for Fashion, Beauty, Technology, Food, Culture, Home, and Sports. The main content area is divided into a left sidebar with 'Profile', 'List of Purchases', and 'List of Favourites' links, and a central form. The form includes a profile picture with an 'Edit Image' link, fields for Username (cr7), Name, Birthdate (dd/mm/yyyy), Email, and Nick. The Address section has dropdown menus for City (Rua Manoel de Carvalho 18 Porto Alegre), State (Avenida 5 de Outubro 12 Laranjeira), and Zip Code (Rua de Moçambique 188 Coimbra). 'Save' and 'Cancel' buttons are at the bottom. A footer contains 'About Amazonas', 'Contact us', 'Terms & Conditions', and 'Powered by LBAW1736 - MISC 2019/2016'.

Figure 27: Profile Edit.



The mobile view of the Amazonas profile edit page has a dark blue header with the 'AMAZONAS' logo, a search bar, and a user profile icon. Below the header is a navigation bar with links for Profile, List of Purchases, and List of Favourites. The main content area is divided into a left sidebar with 'Profile', 'List of Purchases', and 'List of Favourites' links, and a central form. The form includes a profile picture with an 'Edit Image' link, fields for Username (cr7), Name, Birthdate (dd/mm/yyyy), Email, and Nick. The Address section has dropdown menus for City (Avenida 5 de Outubro 12 Laranjeira), State (Rua de Moçambique 188 Coimbra), and Zip Code. 'Save' and 'Cancel' buttons are at the bottom. A footer contains 'About Amazonas', 'Contact us', 'Terms & Conditions', and 'Powered by LBAW1736 - MISC 2019/2016'.

Figure 28: Profile Edit Mobile.

Link: https://beatrizhenriquesmartins.github.io/lbaw1736/src/customer_edit_profile.html

UI11: List of favorites



Figure 29: List Favourites.

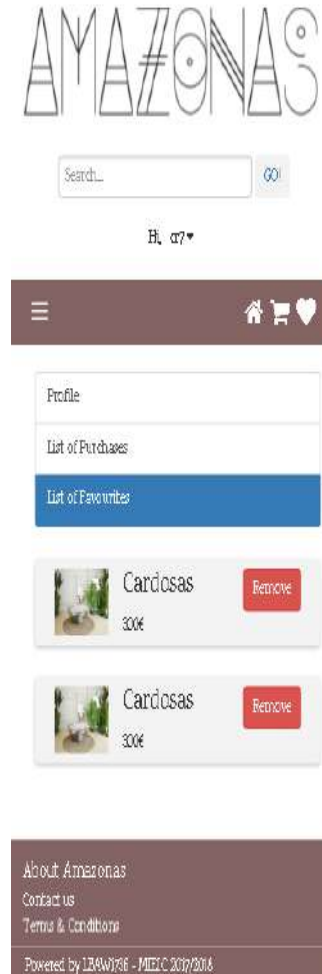


Figure 30: List Favourites Mobile.

Link: https://beatrizhenriquesmartins.github.io/lbaw1736/src/list_favourites.html

UI12: List of purchases



Figure 31: List Purchases.

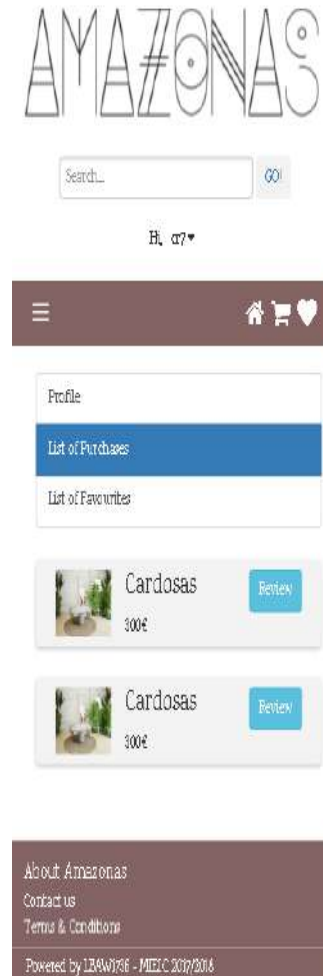


Figure 32: List Purchases Mobile.

Link: https://beatrizhenriquesmartins.github.io/lbaw1736/src/list_purchases.html

UI13: Cart

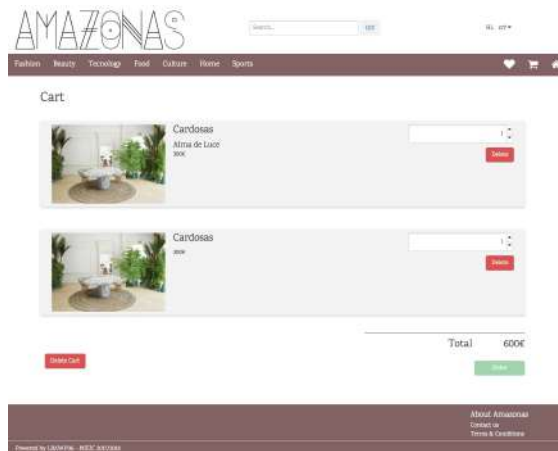


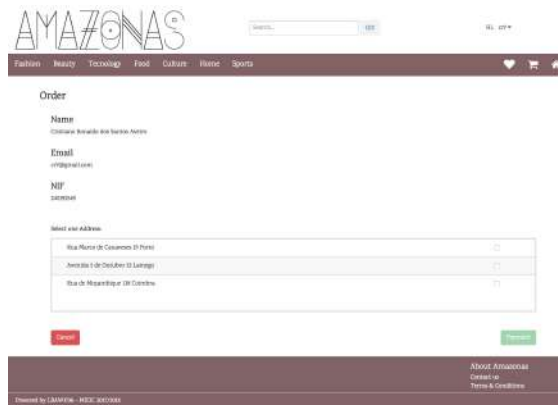
Figure 33: Cart.



Figure 34: Cart Mobile.

Link: <https://beatrizhenriquesmartins.github.io/lbaw1736/src/cart.html>

UI14: Cart Order



The desktop version of the Amazonas cart order form features a dark red header with the 'AMAZONAS' logo, a search bar, and a user profile icon. Below the header is a navigation menu with links for Fashion, Beauty, Technology, Food, Culture, Home, and Sports. The main content area is titled 'Order' and contains fields for Name, Email, NIF, and a list of addresses. The form is styled with a clean, modern aesthetic using a dark red color scheme.

AMAZONAS

Search...

Hi, user

Fashion Beauty Technology Food Culture Home Sports

Order

Name
Continue Amazon with Santos Nunes

Email
cristiano@xmail.com

NIF
240191549

Select one Address:

- Rua Flor do Caramelo 11 Porto
- Avenida 5 de Outubro 52 Lamego
- Rua de Mouquinique 113 Coimbra

Cancel Pay now

About Amazonas
Contact us
Terms & Conditions

Powered by LBAWUI36 - MIEC 2017/2018

Figure 35: Cart Order.



The mobile version of the Amazonas cart order form is designed for a smaller screen. It features a dark red header with the 'AMAZONAS' logo, a search bar, and a user profile icon. Below the header is a navigation menu with links for Fashion, Beauty, Technology, Food, Culture, Home, and Sports. The main content area is titled 'Order' and contains fields for Name, Email, NIF, and a list of addresses. The form is styled with a clean, modern aesthetic using a dark red color scheme.

AMAZONAS

Search...

Hi, user

Order

Name
Cristiano Ronaldo dos Santos Aveiro

Email
cristiano@xmail.com

NIF
240191549

Select one Address:

- Avenida 5 de Outubro 52 Lamego
- Rua de Mouquinique 113 Coimbra

Cancel Pay now

About Amazonas
Contact us
Terms & Conditions

Powered by LBAWUI36 - MIEC 2017/2018

Figure 36: Cart Order Mobile.

Link: https://beatrizhenriquesmartins.github.io/lbaw1736/src/cart_order.html

UI15: Cart Payment

The desktop view of the Amazonas Cart Payment page features a dark red header with the 'AMAZONAS' logo, a search bar, and a user profile 'H. cr7'. Below the header is a navigation menu with categories: Fashion, Beauty, Technology, Food, Culture, Home, and Sports. The main content area is divided into two sections: 'Payment' and 'Cart'. The 'Payment' section contains a form with fields for 'Order By', 'Name', 'Email', 'Address', and 'NIF', each with a corresponding value. The 'Cart' section displays two items, 'Cardosas Alma de Luce 300€', with a 'Quantity' field and 'Pay' buttons. At the bottom, a 'Total' of '600€' is shown, followed by a footer with 'About Amazonas', 'Contact us', 'Terms & Conditions', and 'Powered by 12AW736F - MIECC 2017/2018'.

AMAZONAS

Search... GO

H. cr7

Fashion Beauty Technology Food Culture Home Sports

Payment

Order By Name Email

Cardosas Alma de Luce 300€

Quantity

Pay

Address NIF

Rua Marco de Caravaca 19 Porto 24072579

Cardosas Alma de Luce 300€

Quantity

Pay

Total 600€

About Amazonas
Contact us
Terms & Conditions
Powered by 12AW736F - MIECC 2017/2018

Figure 37: Cart Payment.

The mobile view of the Amazonas Cart Payment page features a dark red header with the 'AMAZONAS' logo, a search bar, and a user profile 'H. cr7'. Below the header is a navigation menu with categories: Fashion, Beauty, Technology, Food, Culture, Home, and Sports. The main content area is divided into two sections: 'Payment' and 'Cart'. The 'Payment' section contains a form with fields for 'Order By', 'Name', 'Email', 'Address', and 'NIF', each with a corresponding value. The 'Cart' section displays two items, 'Cardosas Alma de Luce 300€', with a 'Quantity' field and 'Pay' buttons. At the bottom, a 'Total' of '600€' is shown, followed by a footer with 'About Amazonas', 'Contact us', 'Terms & Conditions', and 'Powered by 12AW736F - MIECC 2017/2018'.

AMAZONAS

Search... GO

H. cr7

Fashion Beauty Technology Food Culture Home Sports

Payment

Order By

Name

Cardosas Alma de Luce 300€

Quantity

Address

Rua Marco de Caravaca 19 Porto

Email

cr7@gmail.com

NIF

24072579

Cardosas Alma de Luce 300€

Quantity

Pay

Cardosas Alma de Luce 300€

Quantity

Pay

Total 600€

Pay MasterCard

PayPal

About Amazonas
Contact us
Terms & Conditions
Powered by 12AW736F - MIECC 2017/2018

Figure 38: Cart Payment Mobile.

Link: https://beatrizhenriquesmartins.github.io/lbaw1736/src/cart_payment.html

Revision history

Changes made to the first submission:

- The colors of the circle in the "Interface and common features";
- Added more pages and new screen capture of them;
- Added mobile version and screen capture of them;
- Added an explanation about the use of flowcharts;
- Added link for the pages in git pages.

GROUP1736, 10/02/2018

- Group member 1 Beatriz de Henriques Martins, up201502858@fe.up.pt
- Group member 2 Francisco Tuna Andrade, up201503481@fe.up.pt
- Group member 3 Luís Miguel Santos Monteiro Saraiva, up201404302@fe.up.pt
- Group member 4 Ricardo Filipe Amaro Saleiro Abreu, up201304450@fe.up.pt