

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. Cart
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.

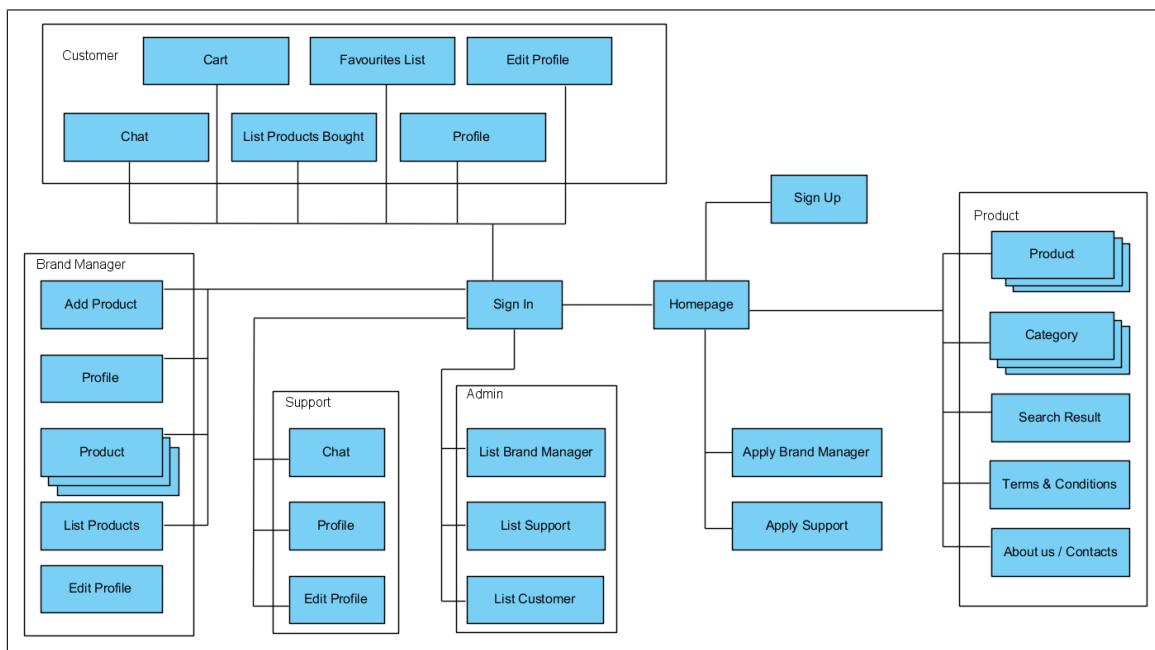


Figure 2: Sitemap

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.

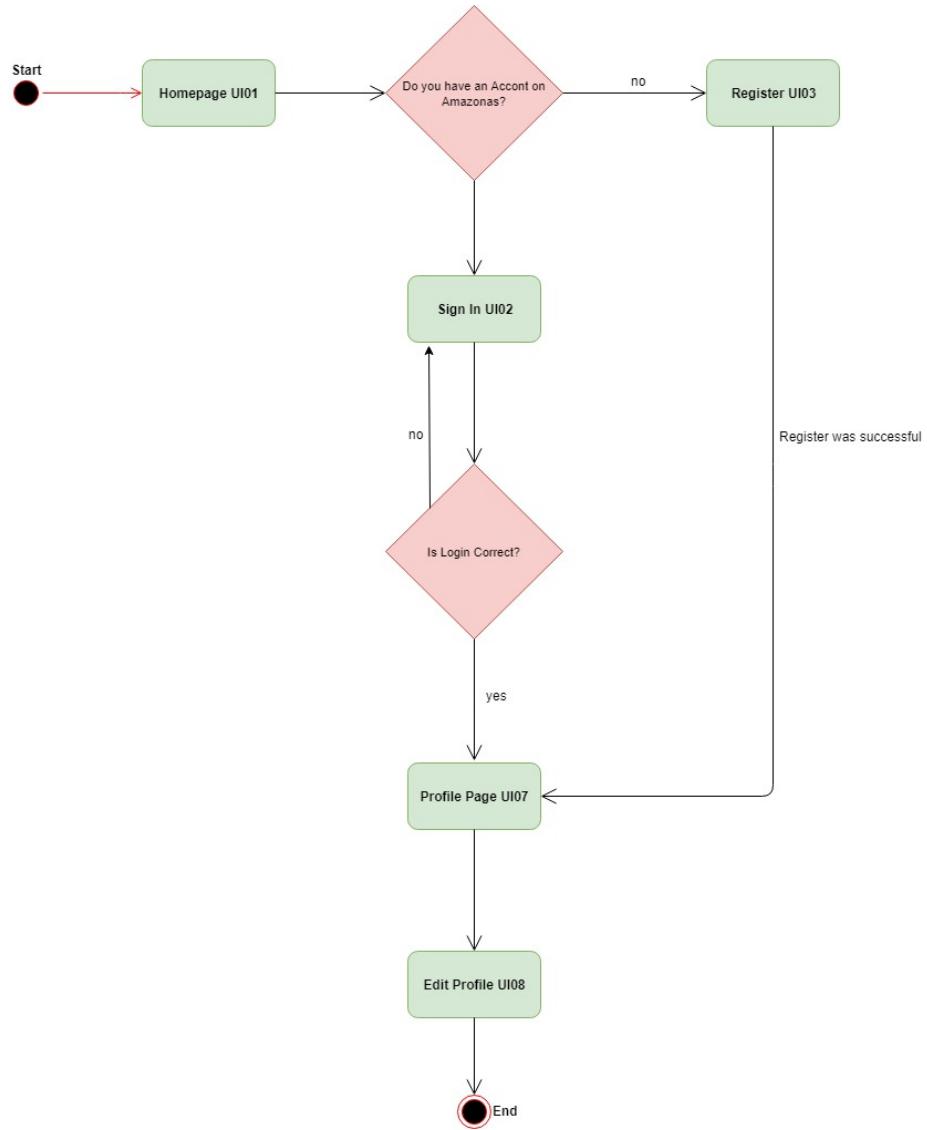


Figure 3: Edit Profile

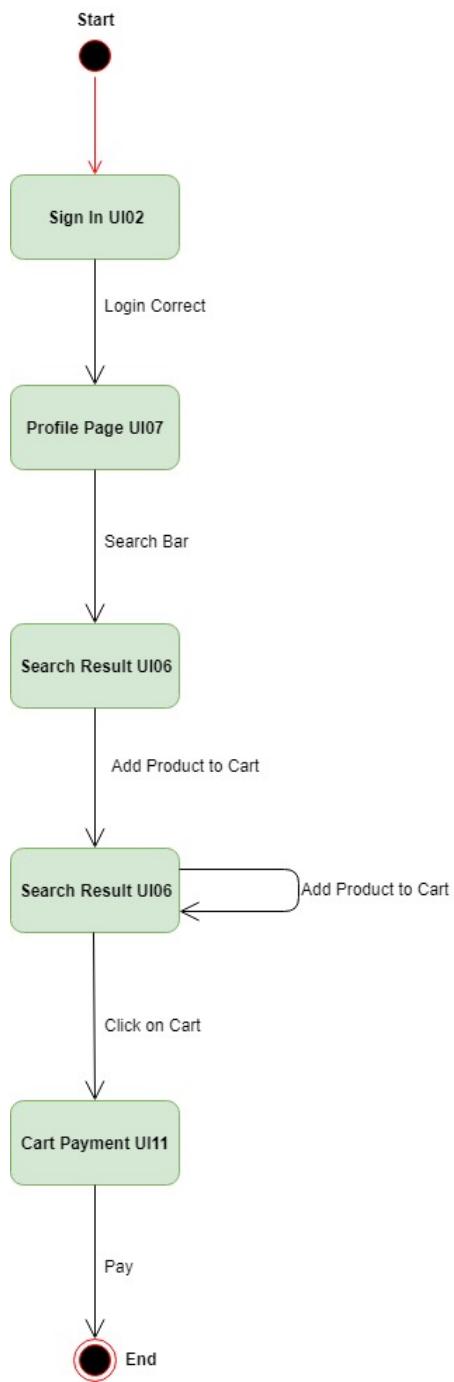


Figure 4: Buy Product

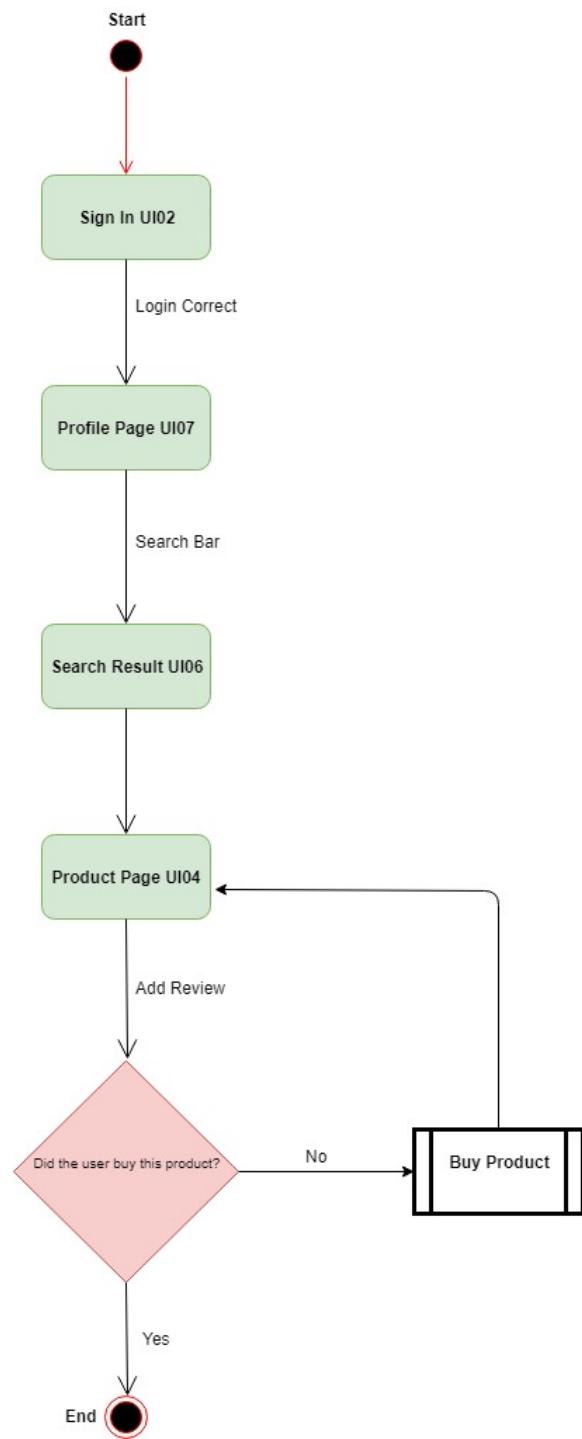


Figure 5: Add Review

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

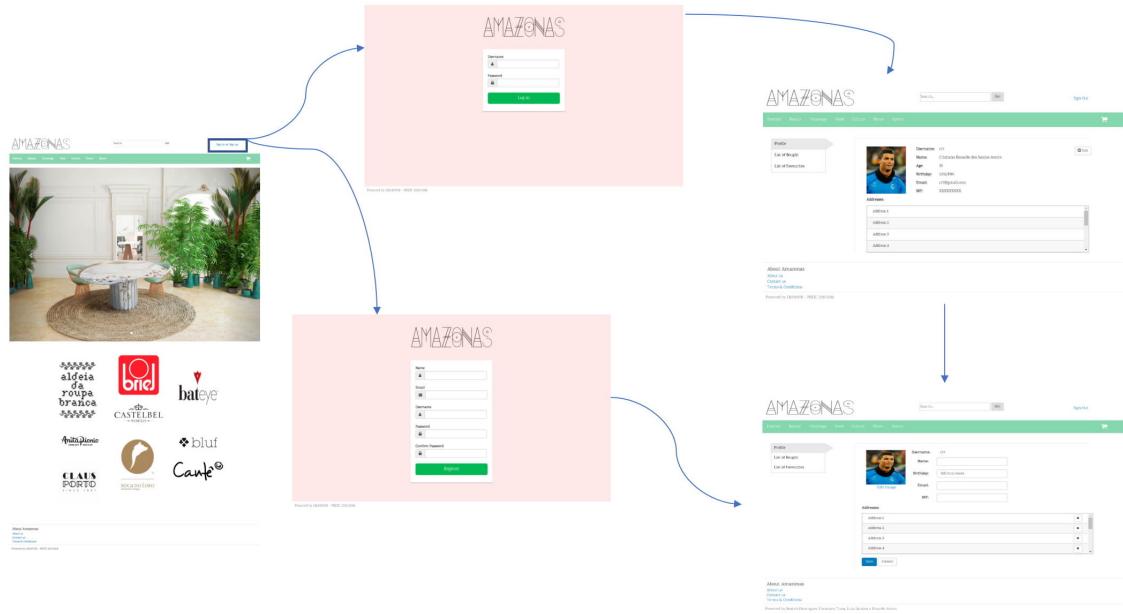


Figure 6: Edit Profile

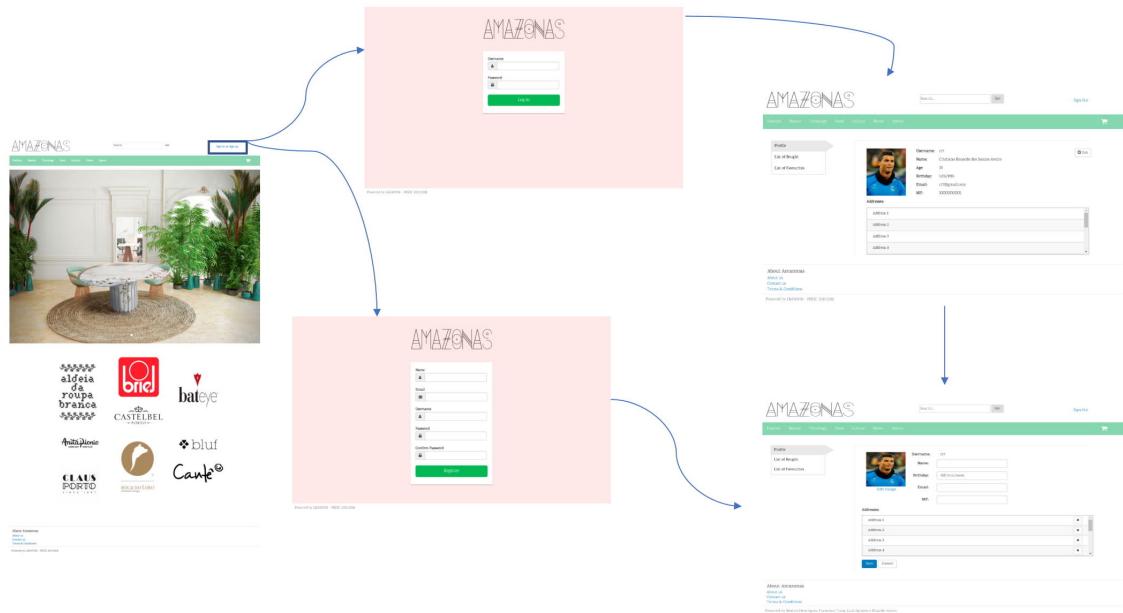
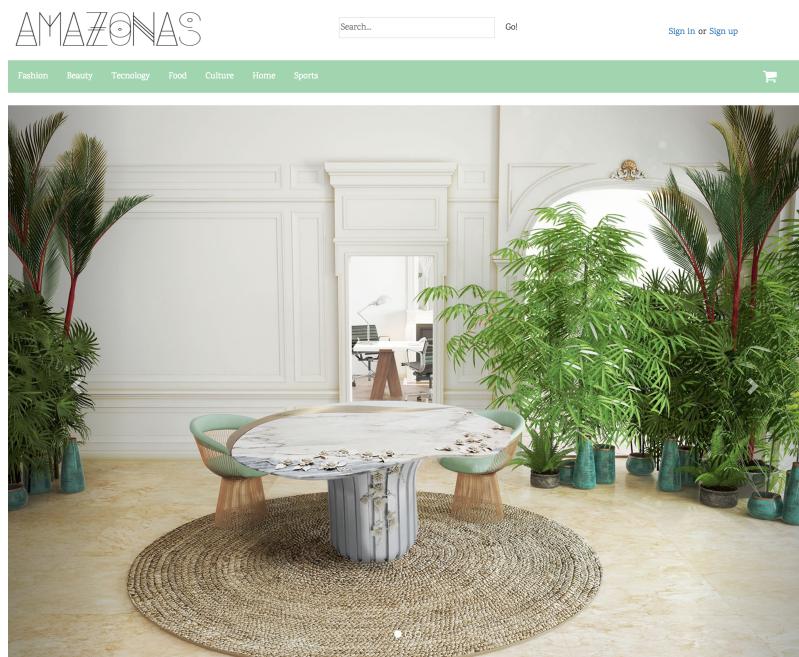


Figure 7: Buy Product

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

4. Interfaces

UI01: Homepage



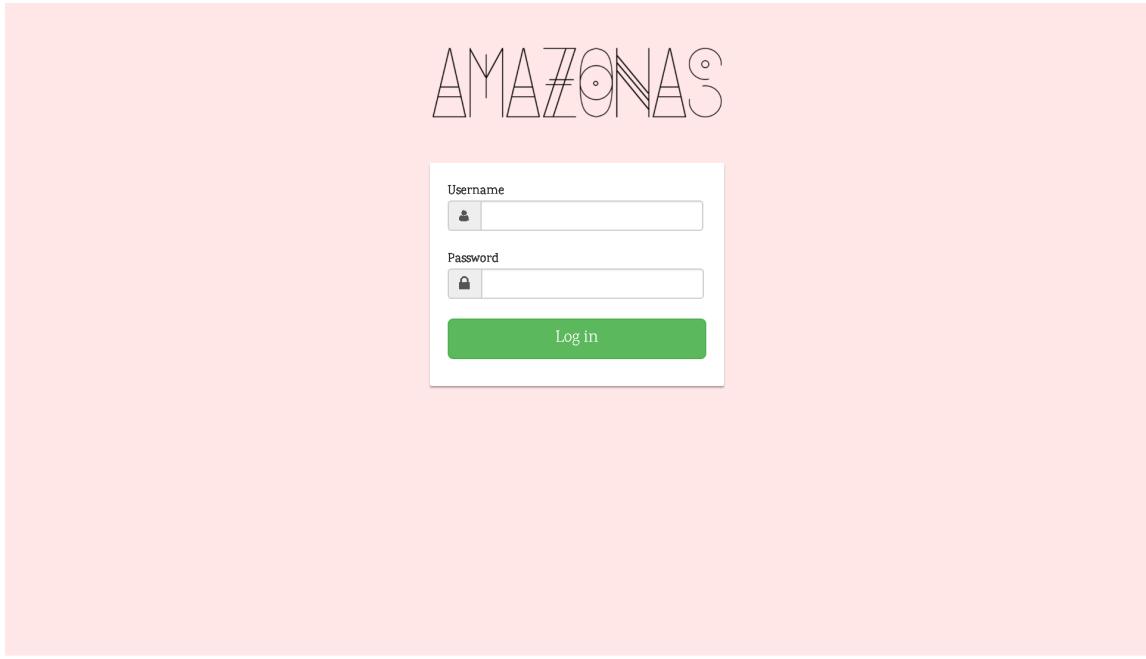
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Figure 8: Homepage

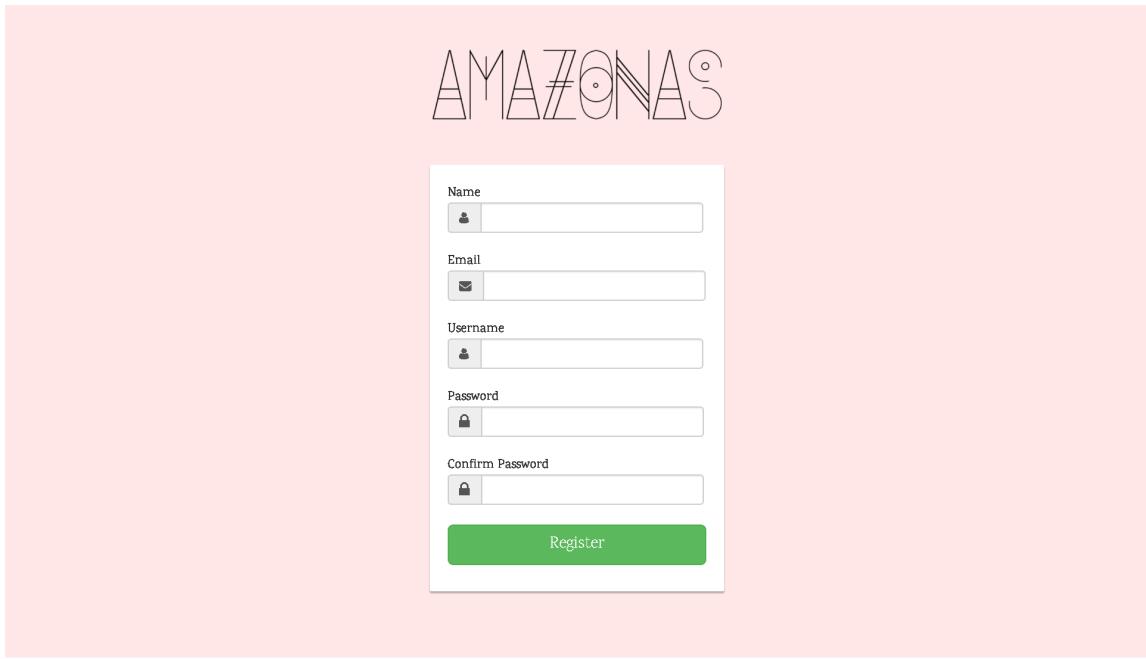
UI02: Signin



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Figure 9: Signin

UI03: Register



The image shows a registration form titled "AMAZONAS" at the top. The form consists of five input 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). Below the fields is a green "Register" button. The entire form is set against a light gray background.

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Figure 10: Register

UI04: Product

The screenshot shows a product page for a table named 'Cardosas'. At the top, there's a navigation bar with categories: Fashion, Beauty, Technology, Food, Culture, Home, and Sports. On the right side of the header are search fields, a 'Go!' button, and links for 'Sign in' or 'Sign up'. A shopping cart icon is also present.

The main content area features a large image of the 'Cardosas' table set in a room with greenery. To the right of the image, the product name 'Cardosas' is displayed, along with its price '300€'. Below the price is a short description: 'Unravelling the history of Cardosas Palace is finding out Oporto's history. ALMA DE LUCE, through CARDOSAS' table, unleashes some Palace's memories derived from time, which transport us to XIX century elegant ballrooms, with garnished plaster ceilings and marble floors with refined drawings.' A rating of '3/5' with five star icons follows the description.

Below the description are two buttons: 'Add Cart' (green) and 'Add Fav' (blue). Further down, there's a section for reviews, featuring a small profile picture of a person and the word 'Review'.

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Figure 11: Product

UI05: Category

The screenshot shows a web-based shopping interface. At the top, there's a header bar with the brand name "AMAZONAS" in large letters. To the right of the logo is a search bar containing the placeholder "Search..." and a "Go!" button. Further to the right are links for "Sign in" and "Sign up". Below the header is a green navigation bar with categories: Fashion, Beauty, Technology, Food, Culture, Home, and Sports. On the far right of the navigation bar is a shopping cart icon. The main content area is titled "Fashion". A sub-section title "Cardosas" is displayed above a product card. The product card features a small thumbnail image of a room interior with plants, followed by the brand name "Cardosas" and the price "300€". To the right of the price is a rating section showing "3/5" with three filled stars and two empty stars. Below the rating are two buttons: a green "Add Cart" button and a blue "Add Fav" button. At the bottom left of the page, there's a footer note: "Powered by Beatriz Henriques, Francisco Tuna, Luis Saraiva e Ricardo Abreu".

Figure 12: Category

UI06: Search Result

The screenshot shows a search results page for the term "Cardosas". At the top, there is a navigation bar with links for Fashion, Beauty, Technology, Food, Culture, Home, and Sports. On the right side of the header are buttons for "Sign in" or "Sign up" and a shopping cart icon. Below the header, a search bar contains the text "Search..." and a "Go!" button. To the right of the search bar is a link "Order by ▾". The main content area displays a single search result card for "Cardosas". The card features a small thumbnail image of a potted plant, the product name "Cardosas", the price "300€", and a rating of "3/5" with three filled stars. Below the rating are two buttons: "Add Cart" (green) and "Add Fav" (blue).

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Figure 13: Search Result

UI07: Profile

The screenshot shows a user profile page for Cristiano Ronaldo on a website called AMAZONAS. The top navigation bar includes links for Fashion, Beauty, Technology, Food, Culture, Home, Sports, a search bar, and a sign-out link. A shopping cart icon is also present. On the left, a sidebar offers Profile, List of Bought, and List of Favourites options. The main content area displays a profile picture of Cristiano Ronaldo and his personal information: Username: cr7, Name: Cristiano Ronaldo dos Santos Aveiro, Age: 33, Birthday: 5/02/1985, Email: cr7@gmail.com, and NIF: 240192549. There is a 'Edit' button next to the information. Below this, an 'Addresses:' section lists three addresses: Rua Marco de Canaveses 19 Porto, Avenida 5 de Outubro 52 Lamego, and Rua de Moçambique 138 Coimbra.

Profile

List of Bought

List of Favourites

Username: cr7

Name: Cristiano Ronaldo dos Santos Aveiro

Age: 33

Birthday: 5/02/1985

Email: cr7@gmail.com

NIF: 240192549

Edit

Addresses:

Rua Marco de Canaveses 19 Porto

Avenida 5 de Outubro 52 Lamego

Rua de Moçambique 138 Coimbra

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Figure 14: Profile

UI08: Profile Edit

The screenshot shows the 'Profile Edit' page of the Amazonas website. At the top, there is a navigation bar with links for Fashion, Beauty, Technology, Food, Culture, Home, and Sports. On the right side of the header, there is a search bar with the placeholder 'Search...' and a 'Go!' button, along with a 'Sign Out' link and a shopping cart icon.

The main content area is titled 'Profile' and contains a sidebar with links for 'List of Bought' and 'List of Favourites'. Below this is a profile picture of a man in a blue shirt, with an 'Edit Image' link underneath it. To the right of the image are several input fields for personal information:

- Username: cr7
- Name: [empty input field]
- Birthday: dd/mm/aaaa
- Email: [empty input field]
- NIF: [empty input field]

Below these fields is a section titled 'Addresses:' containing a list of three addresses:

- Rua Marco de Canaveses 19 Porto
- Avenida 5 de Outubro 52 Lamego
- Rua de Moçambique 138 Coimbra

At the bottom of the form are two buttons: 'Save' and 'Cancel'.

Figure 15: Edit Profile

UI09: Cart

The screenshot shows the 'Cart' section of a website. At the top, there is a navigation bar with the 'AMAZONAS' logo, a search bar, and a 'Sign Out' link. Below the navigation bar, a green header bar contains links for 'Fashion', 'Beauty', 'Technology', 'Food', 'Culture', 'Home', and 'Sports'. On the right side of the header bar is a shopping cart icon.

The main content area is titled 'Cart'. It displays a single item: 'Cardosas' priced at '300€'. To the left of the item is a small thumbnail image of a room decorated with several potted plants. To the right of the item details is a quantity selector with a value of '1' and up/down arrows, followed by a red 'Delete' button. Below the item details, the total amount 'Total 300€' is shown. At the bottom left is a red 'Delete Cart' button, and at the bottom right is a green 'Order' button.

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Figure 16: Cart

UI10: Cart Order

The screenshot shows the 'Cart Order' page of the Amazonas website. At the top, there is a navigation bar with the Amazonas logo, a search bar, and links for 'Sign Out' and a shopping cart icon. Below the navigation bar, a green header bar contains links for 'Fashion', 'Beauty', 'Technology', 'Food', 'Culture', 'Home', and 'Sports'. The main content area is titled 'Order' and contains fields for 'Name' (Cristiano Ronaldo dos Santos Aveiro), 'Email' (cr7@gmail.com), and 'NIF' (240192549). A section titled 'Select one Address:' lists three address options: 'Rua Marco de Canaveses 19 Porto', 'Avenida 5 de Outubro 52 Lamego', and 'Rua de Moçambique 138 Coimbra'. At the bottom of the form are 'Cancel' and 'Payment' buttons.

AMAZONAS

Search... Go!

Fashion Beauty Technology Food Culture Home Sports

Sign Out

Order

Name
Cristiano Ronaldo dos Santos Aveiro

Email
cr7@gmail.com

NIF
240192549

Select one Address:

Rua Marco de Canaveses 19 Porto

Avenida 5 de Outubro 52 Lamego

Rua de Moçambique 138 Coimbra

C Cancel Payment

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Figure 17: Cart Order

UI11: Cart Payment

AMAZONAS

Search... Go!

Sign Out

Fashion Beauty Technology Food Culture Home Sports

Cart

Payment

Order By	Name	Email
	Cristiano Ronaldo dos Santos Aveiro	cr7@gmail.com
Address	NIF	
Address 1	240192549	

Cart

	Cardosas	Quant.:1	Pay MasterCart
	300€		PayPal
	Total	300€	

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Figure 18: Cart Payment

GROUP1736, 10/02/2018

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