

AliExtreme is a wholesaler of various products. To keep up with the times, AliExtreme has created a new website design that you have to realize. The design can be seen in Figure 1.

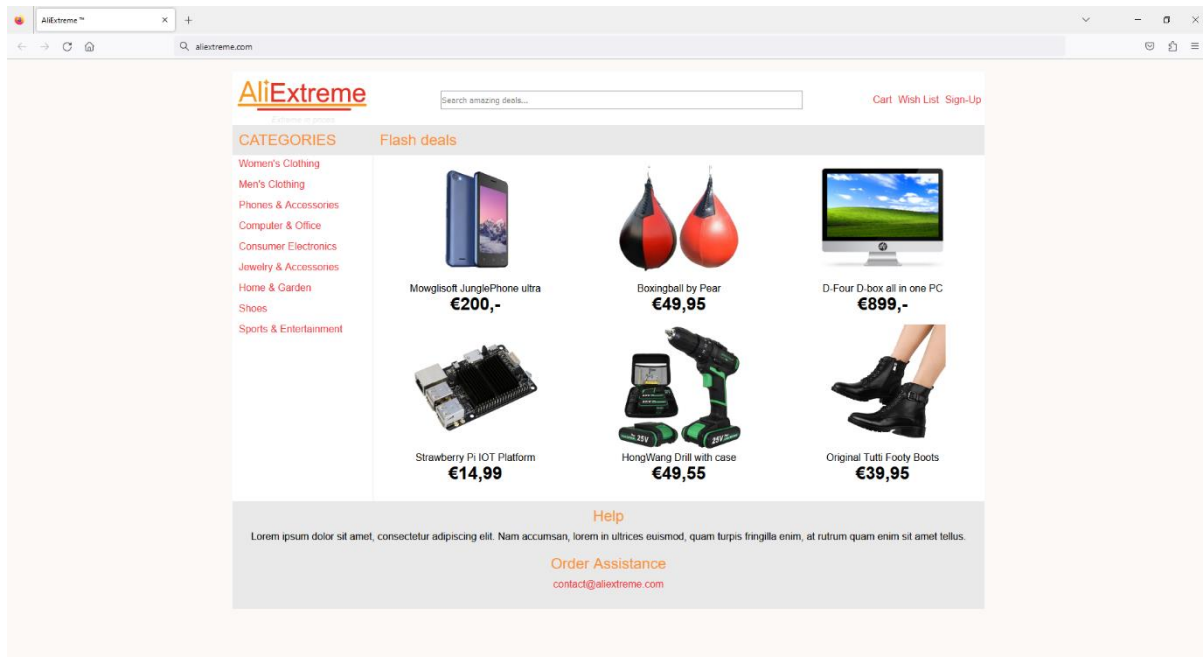


Figure 1 AliExtreme Website Lead Design

It's up to you to create this website. You can download all the files you need for the construction of this page via Blackboard.

All images are in the correct format and the text is *Lorem Ipsum*. So you don't have to come up with a text yourself.

This website must meet a number of requirements. If the requirement is not in this list, you are free to solve it in your own, but **correct**, way.

General

- HTML 5 compliant
- A separate (CSS) style sheet
- A separate folder with the images of the website
- Layout by means of grid and/or flexbox

Pages and Links

- The text on the right side of the header is part of the navigation menu.
- Only the text "Cart" and "Sign-up" are links to other pages.
- Cart redirects to the main page.
- Sign-up refers to "sign-up.php".
- The other links on the page are dummy links and don't do anything.

Homepage

- The Flash deals on this page (MowgliSoft JunglePhone ultra, Boxingball by Pear, etc.) need to be built dynamically using PHP code. See Assignment 2 for a clear description of the requirements.

Contact page

- The "Region" drop-down box on the contact page contains the following values:
 - o Africa
 - o Antarctica
 - o America
 - o Asia
 - o Europe
 - o Oceania
- Europe is the default "Region" they see when they open the page.

Font families and styles

- The general font is Arial, Helvetica, sans-serif (font size **16px**) with the color #000000 or "black" unless otherwise displayed.
- The title of the page contains the following text: AliExtreme™.
- The background color of the entire page is #FCF9F7.
- The gray bars have the background color: #E9E9E9.
- The hover color of the links is: #FF8F38;
- The color red is: #F73A40.
- The background color of the body is white.
- The text "extreme in prices" is centered below the logo and has the color: #E9E9E9

For other information, see the following screenshots.

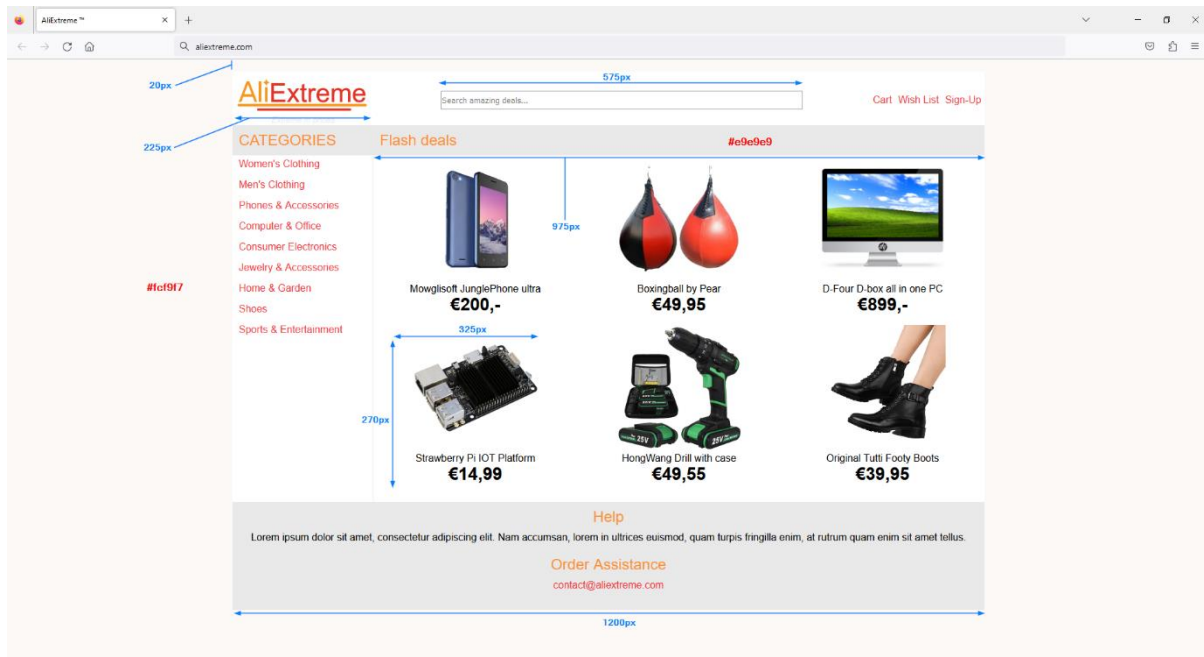


Figure 2 Sizes and colors for AliExtreme's website

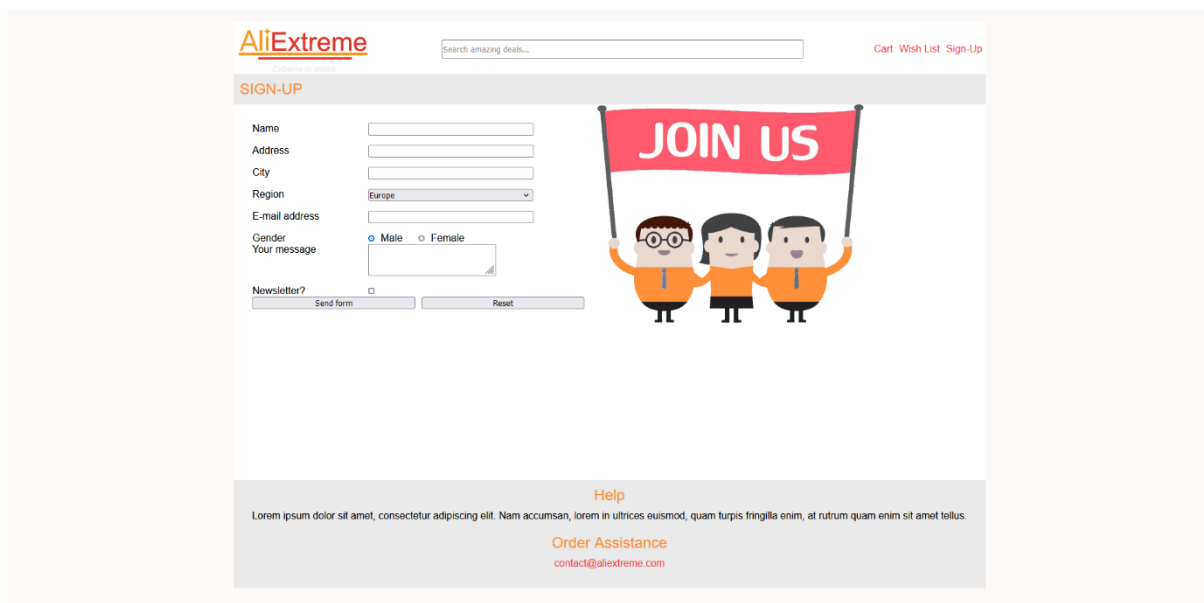


Figure 3 Sign-up page for AliExtreme's website

Question 1

Develop the home- and sign-up page of this website as shown in Figure 1, Figure 2 and Figure 3. All the aforementioned requirements must be implemented. Make the whole thing look as much as possible like the screenshots.

Question 2

Given are the following arrays:

```
$productImgs = array("MowglisoftPhone.png", " PearBoxBall.png", " D4Box.png",  
"StrawberryPi.png", "HongWangDrill.png", "TuttiFootyBoots.png");  
  
$productTexts = array("Mowglisoft JunglePhone ultra", "Boxingball by Pear",  
"D-Four D-box all in one PC", "Strawberry Pi IOT Platform", "HongWang Drill  
with case", "Original Tutti Footy Boots");  
  
$productPrice = array("200,-", "49.95", "899,-", "14.99", "49.55", "39.95");
```

Use the arrays above to display the "Flash deals" as you see them on Figure 1. Your elaboration must meet the following requirements:

- The contents of the arrays should not be modified.
- Make your elaboration as efficient as possible.
- Make sure that your elaboration is still correct if the number of elements in the arrays were to be changed.

Question 3

The contact form will have to be checked server-side for correct input. If fields have been entered incorrectly, you clearly inform the user what needs to be changed. Only when everything has been entered correctly will you receive a message of thanks for contacting us and an overview of all the data entered.

The following conditions should be checked:

- All parts (Name, Address, City, etc cetera) must be filled in.
- The "Name" will have to be at least 6 characters long.
- The email address will only be approved when an '@' is present and it ends in '.com'.
- If newsletter is not filled in, it should say: Newsletter: No.

If 1 of the above conditions is not met, an 'error message' will have to be shown on the page itself. See Figures 4a, 4b, 4c and 4d for the error messages.

The screenshot shows the AliExtreme website header with the logo, a search bar, and links for Cart, Wish List, and Sign-Up. Below the header is a navigation menu with categories: Women's Clothing, Men's Clothing, Phones & Accessories, Computer & Office, Consumer Electronics, Jewelry & Accessories, Home & Garden, Shoes, and Sports & Entertainment. The main content area is titled 'Contact form' and contains the message 'Please provide all necessary information'. At the bottom of the page, there is a 'Help' link, a paragraph of Lorem Ipsum text, and an 'Order Assistance' link with the email address 'contact@alixtreme.com'.

Figure 4a Error message when at least 1 field is not filled in.

This screenshot shows the same AliExtreme website as Figure 4a, but with a specific error message displayed in the contact form: 'Your name must contain a minimum of 6 characters'. The rest of the page layout, including the header, navigation menu, and footer, remains identical to the previous figure.

Figure 4b Error message when "Name" does not meet requirements

AliExtreme Search amazing deals... [Cart](#) [Wish List](#) [Sign-Up](#)

CATEGORIES	Contact form
Women's Clothing Men's Clothing Phones & Accessories Computer & Office Consumer Electronics Jewelry & Accessories Home & Garden Shoes Sports & Entertainment	<p>Your email must contain an '@' and end in '.com'</p>

[Help](#)

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam accumsan, lorem in ultrices euismod, quam turpis fringilla enim, at rutrum quam enim sit amet tellus.

[Order Assistance](#)
contact@alixtreme.com

Figure 4c Error message when email does not meet requirements

AliExtreme Search amazing deals... [Cart](#) [Wish List](#) [Sign-Up](#)

CATEGORIES	Contact form
Women's Clothing Men's Clothing Phones & Accessories Computer & Office Consumer Electronics Jewelry & Accessories Home & Garden Shoes Sports & Entertainment	<p>Name: aoeijnug Address: Van Schaikweg 94 City: Emmen Region: Asia E-mail address: jaqueline@emmen.nl Gender: Male Your message: I really love the new Boxingball by Pear Newsletter: Yes</p>

[Help](#)

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam accumsan, lorem in ultrices euismod, quam turpis fringilla enim, at rutrum quam enim sit amet tellus.

[Order Assistance](#)
contact@alixtreme.com

Figure 5 Message of thanks when all requirements are met