FUNCTIONAL REQUIREMENTS

(product name: amazon frontend)

Overview

Amazon is a free open-source e-commerce platform for online merchants. OpenCart provides a professional and reliable foundation from which to build a successful online store. This foundation appeals to a wide variety of users; ranging from seasoned web developers looking for a user-friendly interface to use, to shop owners just launching their business online for the first time. Amazon has an extensive amount of features that give you a stronghold over the customization of your store. With Amazon, you can help your online shop live up to its fullest potential.

Requirements

Amazon requires certain technical requirements to be met for the store to operate properly. First, a web server must be created to make the OpenCart store publicly available on the web. Domain names and hosting services can easily be purchased for an affordable price.
When selecting a hosting service, you should check to see that this server requirements are provided and installed on their web servers:
These extensions must be enabled for Amazon to install properly on the web server.
• PHP 5.4
• jQuery 2.1.1
• JavaScript
• Database (MySQL suggested)
• Web Server (Apache suggested)

Navigating the category

Home page

The home page is arguably the most important page on the website, in terms of presentation. In most cases, this will be the first page that a customer interacts with (especially if they are directed to the store site from a search engine). The homepage needs to be user-friendly, while at the same time highlighting the category.

The first step in becoming familiar with the storefront is understanding the anatomy of the Amazon default homepage.
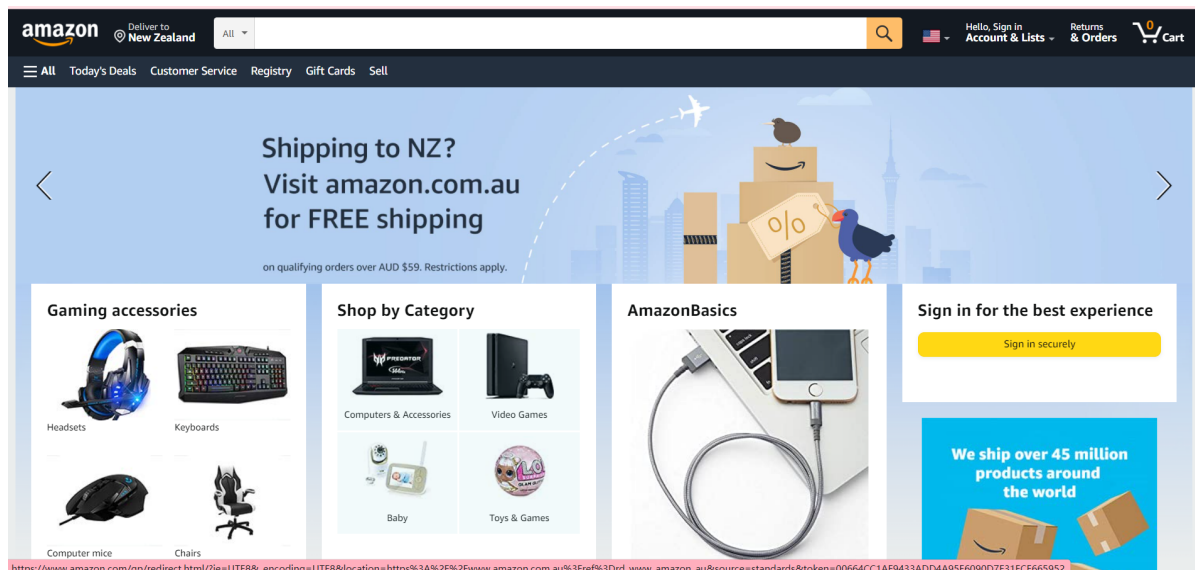
The header

The header will be displayed at the top of the page, on every page of the store; not just the home page.

Logo: amazon logo

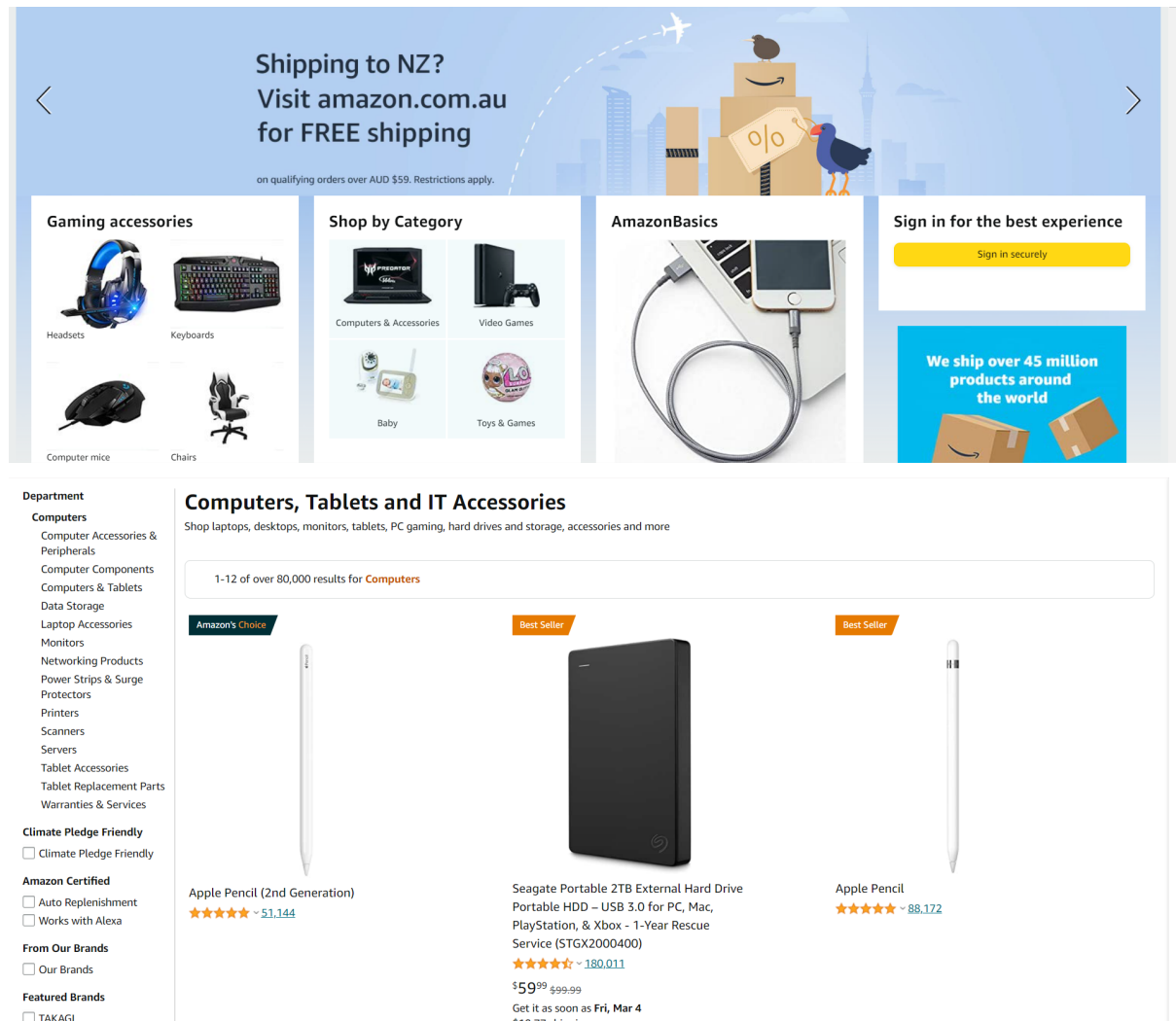**Location:** shopping location, delivery area, intelligent selection of products

Searching box: The customers can type in the search box to search for a product within the store's product categories.

Login: Unique user login to secure user orders

Cart: Unique user login to secure user orders

Popular options: Personalized customization

Featured categories

The Featured section includes the product image, name, price, and score.
The carousel is only located on the Home Page in the default.

Footer

Product pages

The amazon default product page will follow the structural format seen below.
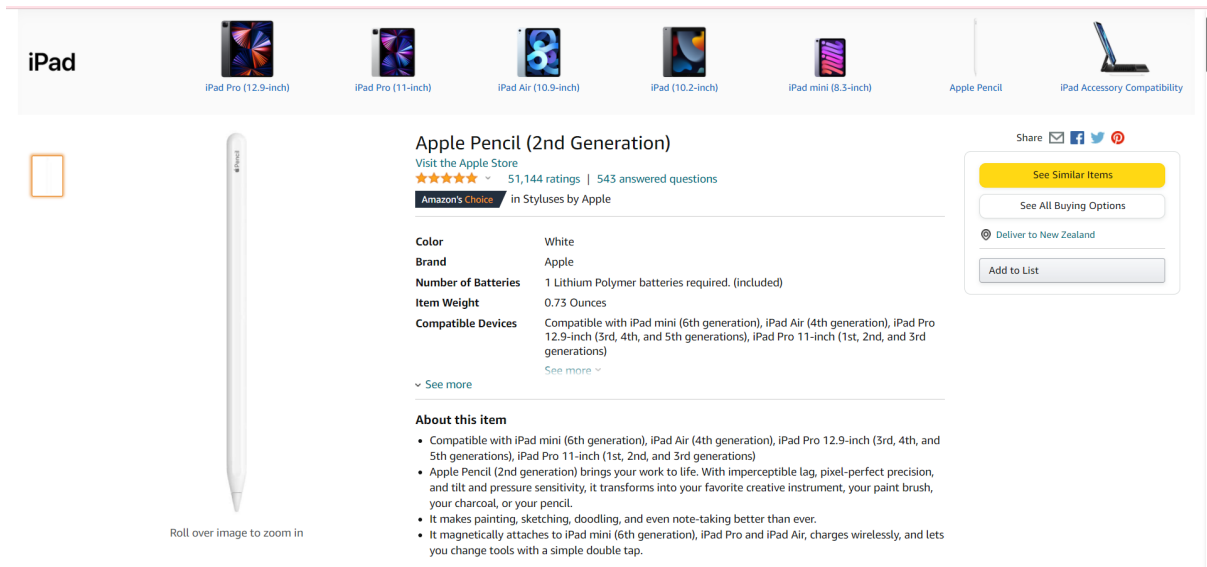
The product page can be divided into the following sections:

Product image: The product image can be displayed under the title on the left-side, along with alternate views of the product underneath it in the smaller box. Moving on the main image will expand the image within the window for the customer to see it in greater detail.

Product details: The product code, availability, and price are displayed just right to the product image.

Cart: The customer can select a quantity and add the product to their cart, wish list or compare.

Rating/Sharing: Underneath the cart can rate the product and/or share the product on different social media websites.

Description tab: An area underneath the main product information to provide a detailed description of the product.

Review tab: An area for the customer to write a review on the product.

Similar items shipping

Shopping Cart page

Creating an account

Before a customer can continue checking out a product from the shopping cart, the customer needs to select either guest checkout or log in to their account. The guest checkout doesn't require log-in details. Returning customers may want to make an account with the store.
There are a few ways a customer can make an account:

1. Enter all required information
2. enter the OTP to verify email address
3. Account created successfully

Checkout

Once a product has been added to the cart, the customer can continue to the checkout to make their product purchase. The Checkout page can be accessed in the header section of every page (found under the search box). Customer checkout using OpenCart is a simple process that can be completed in 6 steps.

1. Step 1: Checkout options
The customer can log into or register their account (as explained

above), or select guest checkout.
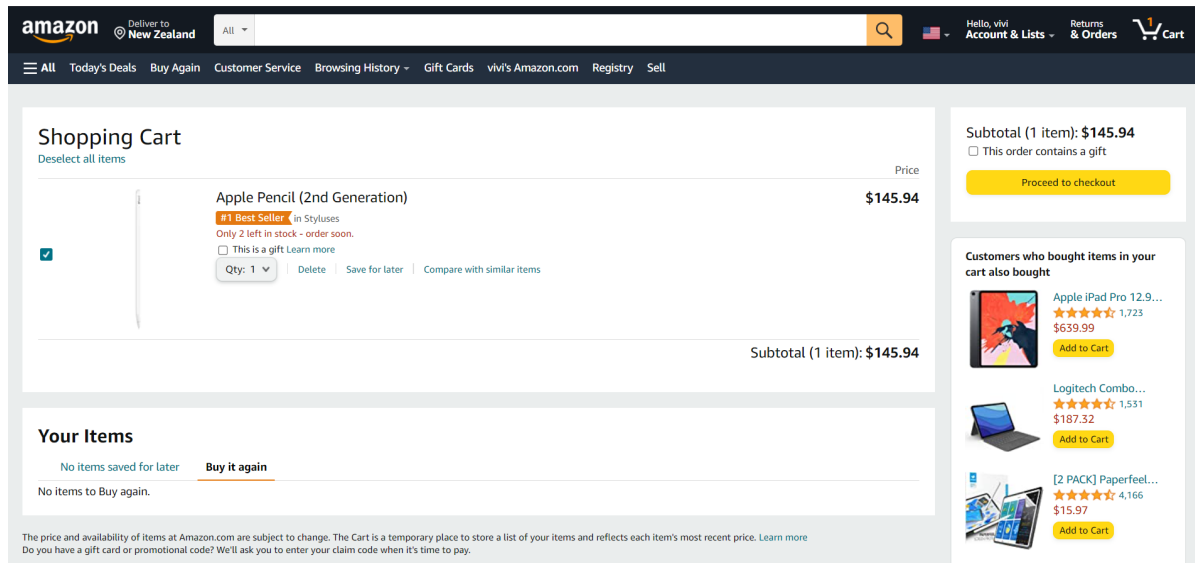
2. Step 2: Billing details

Personal details including "First Name", "Last Name", "E-mail", and "Telephone" is filled into a form. It also requires the customer's address details.

3. Step 3: Delivery details

In Billing Details, the user can check a box to indicate that the delivery details and billing details are the same. This will cause it to skip over this step to Delivery Method. If the delivery details are different from the billing details the customer can enter this

information in a form in this section.

4. Step 4: Delivery method

A method of shipping is selected here. A comment box is added for the customer to add comments about their order.

5. Step 5: Payment method

The customer selects their method of payment here and may add comments in the comment box.

6. Step 6: Confirm order

In this last step, the customer will see an overview of their purchase; including the product description, quantity, and price (with tax & shipping).