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**Functional requirement specification (FRS)**

**Product Name : OpenCart (Frontend)**

**Overview**

OpenCart is 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 OpenCart has an extensive amount of features that gives you a strong hold over the customization of your store. With OpenCart's tools, you can help your online shop live up to its fullest potential.

**Requirements**

OpenCart 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.

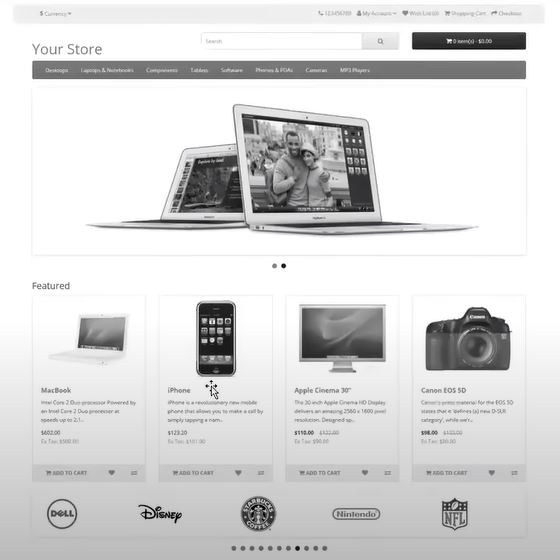
When selecting a hosting service, you should check to see that these server requirements are provided and installed on their web servers:

These extensions must be enabled for OpenCart to install property on the web server.

* PHP 5.4
* jQuery 2.1.1
* JavaScript
* Database (MySQL suggested)
* Web Server (Apache suggested)

**Opencart Frontend**

This Document is intended to be used as an introduction to the OpenCart default store front. The store front reveals how the customer views and interacts with the store.



The products seen above are included as sample data with the OpenCart installation. These products can easily be removed and replaced with the shop's products later.

**Navigating the shop**

The OpenCart default theme makes navigating a shop's products easily accessible to its customers.

**Home page**

The home page is arguably the most important page in the shop, 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 shop's homepage needs to be user-friendly, while at the same time highlighting the shop's products.

The first step in becoming familiar with the store front is understanding the anatomy of the OpenCart 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.

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The header has the following navigation options:

* **Store logo:** Clicking on this logo will direct the customer back to the home page of the store.
* **Currency block:** The customer can select which currency the store's products will be in by clicking on any of the currency icons.
* **Shopping Cart:** Displays the number of items purchased, and the total price of the order. Clicking on the button will containing all of products added to the cart and an option to "View Cart" or "Checkout".
* **Search box:** The customers can type in the search box to search for a product within the store's product categories.
* **Links:** Links the customer to the Home page, Wish List, My Account, Shopping Cart, and Checkout.
* **Telephone:** Company telephone number.
* **My Account:** Customer can register or login from here.

**The top menu**

The top menu category only displays the top parent categories of products.

Like the header, the top menu will be displayed on every page. When the customer's mouse is dragged over a category, a drop-down menu will display the sub-categories for that parent category.

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When a parent category is clicked, the customer will be directed to the category page, which displays all the products within that category.

**Slideshow**

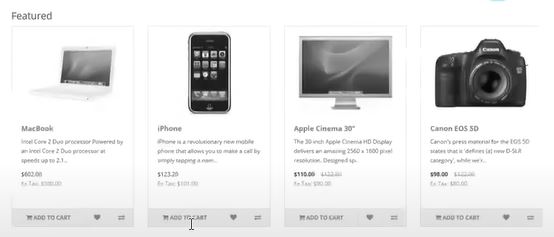
The slideshow displays several product banners of your choice by alternating the images in a slideshow. After a certain amount of time, one banner will shift to the the next banner. Banners in this slideshow are useful for highlighting certain products to be easily accessible by the customer. When the banner is clicked on, the customer will be directed to the product on the banner's page.



Unlike the top menu and header, the slideshow in the OpenCart default can only be viewed on the home page in this position.

**Featured products**

OpenCart gives you the option of featuring specific products of their choosing on the home page.



The Featured section includes the product image, name, price and an option to add the product directly to the Shopping Cart The carousel is only located on the Home Page in the default.

**Footer**

The footer is located at the bottom of every page, not just the Home Page. This block of miscellaneous links is useful in sorting relevant pages for the customer that may not logically sort anywhere else.

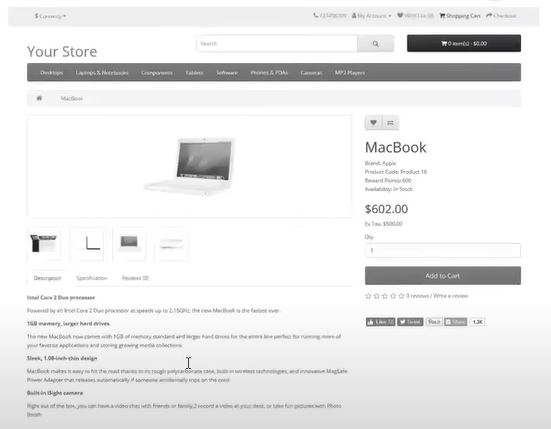
The organizational scheme of the footer can be divided into the following sections:

* **Information:** "About Us", "Delivery Information", "Privacy Policy", "Terms & Conditions"
* **Customer Service:** "Contact Us", "Returns", "Site Map"
* **Extras:** "Brands", "Gift Vouchers", "Affiliates", "Specials"
* **My Account:** "My Account", "Order History", "Wish List", "Newsletter"



**Product pages**

The OpenCart default product page will follow the structural format seen below.

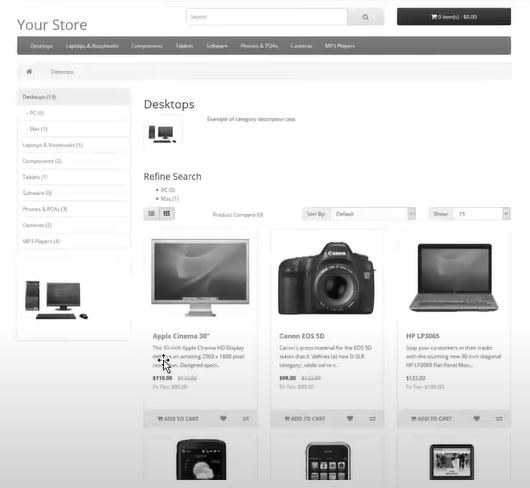


The product page can be divided into the following sections:

* **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 smaller box. Clicking 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.

**Category product listings**

Category product listings enable customers to browse products similar to other products within the same category. This is especially helpful for customers looking to compare products, a feature that will be explained under Categories. The category page can be accessed a number of ways. It can be accessed from the top menu, when a customer clicks on one of the parent categories. Also, on product pages a customer can access the category product listing page by clicking on a category on the left side category block.



As seen above, the category block is displayed on the left side like it is in the product page. There is space under the Category title at the top to add a description to the category. The "Refine Search" links to subcategories of that category for the user to browse. The products can be displayed according to the customer's preference: in a list or grid. The above image is sorted in the listing format. The products can be sorted according to name, price, rating, or model in the "Sort By" box. The number of products displayed in the product listing can be changed in "Show" from 15 up to 100. There is a section that gives space for each of the products within the category, providing a product image, description, price, and an Add to Cart option. There is an option to add the product to a wish list. Another option for the product is to "Add to Compare".

**Product compare**

The "Add to compare" feature in the product section allows the customer to compare the different specifications, features, and price of a number of products s/he might be interested in.

Many more will be there. This is a high level document….