

# FUNCTIONAL REQUIREMENTS

Product Name: OpenCart (Frontend)



Prepared by: FARHEEN



## Overview

OpenCart is a cost free open source e-commerce platform for online merchants. It provides a professional and reliable foundation from which to build a successful online store. There are a wide variety of users who will benefit from this foundation, from experienced web developers seeking a user-friendly interface to launching their business online for the first time to shop owners new to the online world.

Its extensive features give you complete control over your store's customization. With OpenCart's tools, you can help your online shop reach its full potential.

## Requirements

To run an OpenCart store, certain technical requirements must be met. To make the store publicly accessible on the web, a web server must be installed. Domain names and hosting services can easily be purchased.

The following server requirements should be installed on the web servers of the hosting service you choose:

For OpenCart to work properly on the web server, these extensions must be enabled.

- 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.



Currency ▼

123456789 My Account ▼ Wish List (0) Shopping Cart Checkout

## Your Store



0 item(s) - \$0.00

Desktops Laptops & Notebooks Components Tablets Software Phones & PDAs Cameras MP3 Players



### Featured



**MacBook**

Intel Core 2 Duo processor Powered by an Intel Core 2 Duo processor at speeds up to 2.1..

**\$602.00**  
Ex Tax: \$500.00

ADD TO CART  



**iPhone**

iPhone is a revolutionary new mobile phone that allows you to make a call by simply tapping a nam..

**\$123.20**  
Ex Tax: \$101.00

ADD TO CART  

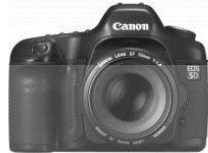


**Apple Cinema 30"**

The 30-inch Apple Cinema HD Display delivers an amazing 2560 x 1600 pixel resolution. Designed sp..

**\$110.00** ~~\$122.00~~  
Ex Tax: \$90.00


ADD TO CART  



**Canon EOS 5D**

Canon's press material for the EOS 5D states that it 'defines (a) new D-SLR category', while we'r..

**\$98.00** ~~\$122.00~~  
Ex Tax: \$80.00

ADD TO CART  



#### Information

[About Us](#)  
[Delivery Information](#)  
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#### Customer Service

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#### Extras

[Brands](#)  
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#### My Account

[My Account](#)  
[Order History](#)  
[Wish List](#)  
[Newsletter](#)

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Your Store © 2018

In the OpenCart installation, the products shown above are included as sample data. These products can be easily removed and replaced with the shop's products.

<https://github.com/frmas5pd8>

# Navigating the shop

A shop's customers can easily navigate its products with the OpenCart default theme.

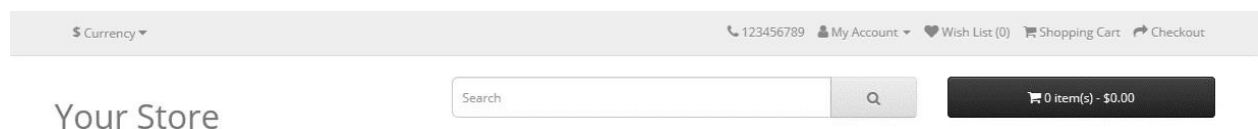
## Home page

The shop's home page is crucial for presentation. It's often the first customer interaction, especially from search engine referrals. Make it captivating to engage visitors and leave a positive impression. The shop's homepage needs to be user-friendly, while at the same time highlighting the shop's products.

To acquaint oneself with the store front, begin by comprehending the layout of the default OpenCart homepage. Understanding its anatomy is the initial step towards familiarity.

## The header

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



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.

The top menu, like the header, appears on all pages of the website. When customers hover over a category, a drop-down menu reveals the sub-categories associated with that parent category.



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 showcases product banners that rotate in sequence, allowing you to feature preferred products. Clickable banners direct customers to the respective product pages, making it convenient for them to access highlighted items.







Unlike the top menu and header, the OpenCart default slideshow is exclusively visible on the home page in its current position.

## Featured products

OpenCart provides the flexibility to showcase handpicked products on the home page according to your preferences.

## Featured

 <p><b>MacBook</b> Intel Core 2 Duo processor Powered by an Intel Core 2 Duo processor at speeds up to 2.1.. \$602.00 Ex Tax: \$500.00</p> <p>ADD TO CART</p>	 <p><b>iPhone</b> iPhone is a revolutionary new mobile phone that allows you to make a call by simply tapping a nam.. \$123.20 Ex Tax: \$101.00</p> <p>ADD TO CART</p>	 <p><b>Apple Cinema 30"</b> The 30-inch Apple Cinema HD Display delivers an amazing 2560 x 1600 pixel resolution. Designed sp.. \$110.00 \$122.00 Ex Tax: \$90.00</p> <p>ADD TO CART</p>	 <p><b>Canon EOS 5D</b> Canon's press material for the EOS 5D states that it 'defines (a) new D-SLR category', while we'r.. \$98.00 \$122.00 Ex Tax: \$80.00</p> <p>ADD TO CART</p>
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In the Featured section, customers can find product images, names, prices, and a direct "Add to Cart" option for easy purchasing.

The carousel is only located on the Home Page in the default.

## Footer

Situated at the bottom of every page, not just the Home Page, the footer contains a collection of miscellaneous links that assist customers in easily accessing relevant pages not found elsewhere.

The footer's organizational structure can be categorized into the following sections:

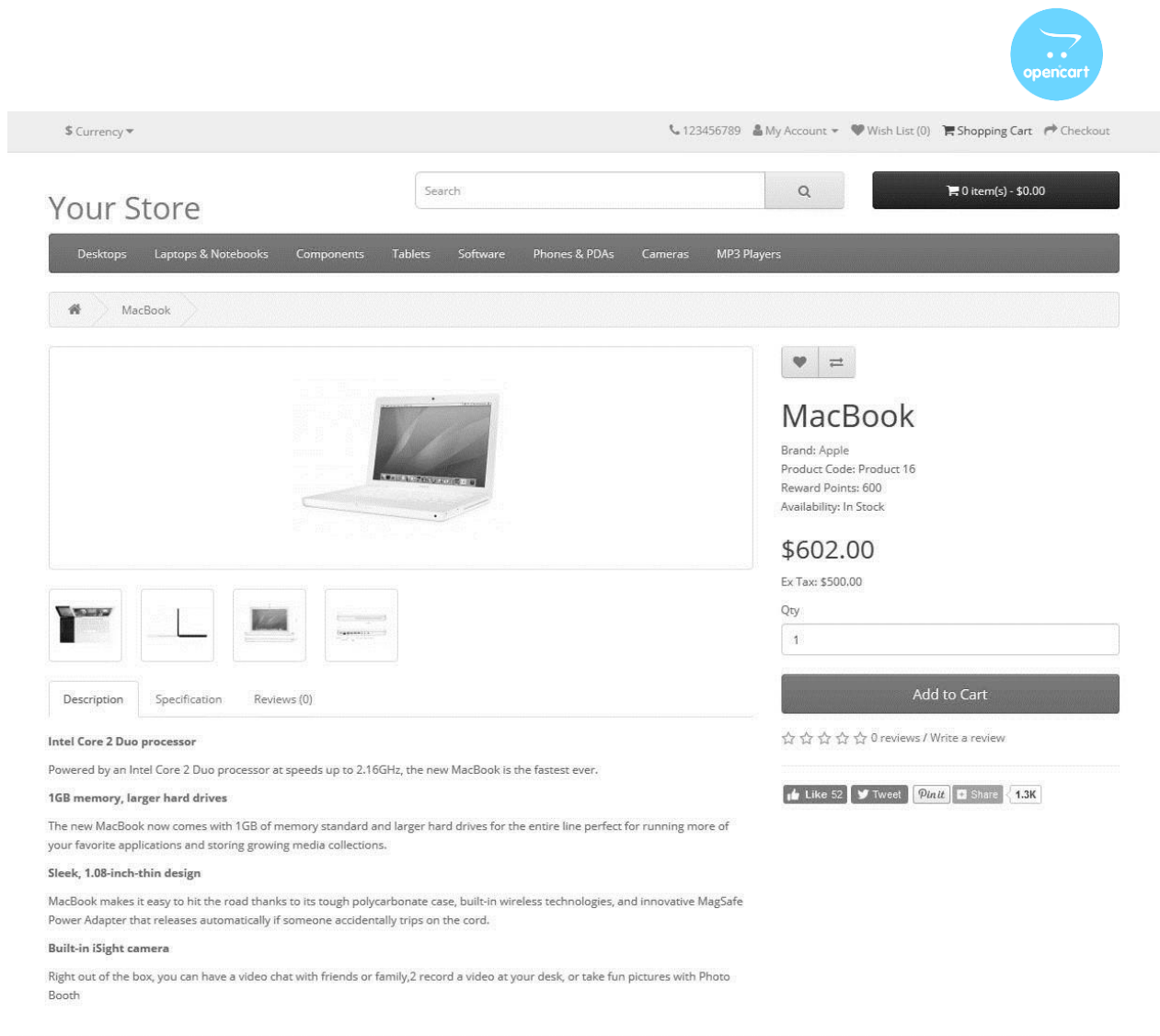
- **Information:** "About Us", "Delivery Information", "Privacy Policy", "Terms & Conditions"
- **Customer Service:** "Contact Us", "Returns", "Site Map"
- **Extras:** "Brands", "Gift Vouchers", "Affiliates", "Specials"
- **My Account:** "My Account", "Order History", "Wish List", "Newsletter"

<b>Information</b> About Us Delivery Information Privacy Policy Terms & Conditions	<b>Customer Service</b> Contact Us Returns Site Map	<b>Extras</b> Brands Gift Certificates Affiliate Specials	<b>My Account</b> My Account Order History Wish List Newsletter
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## Product pages

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



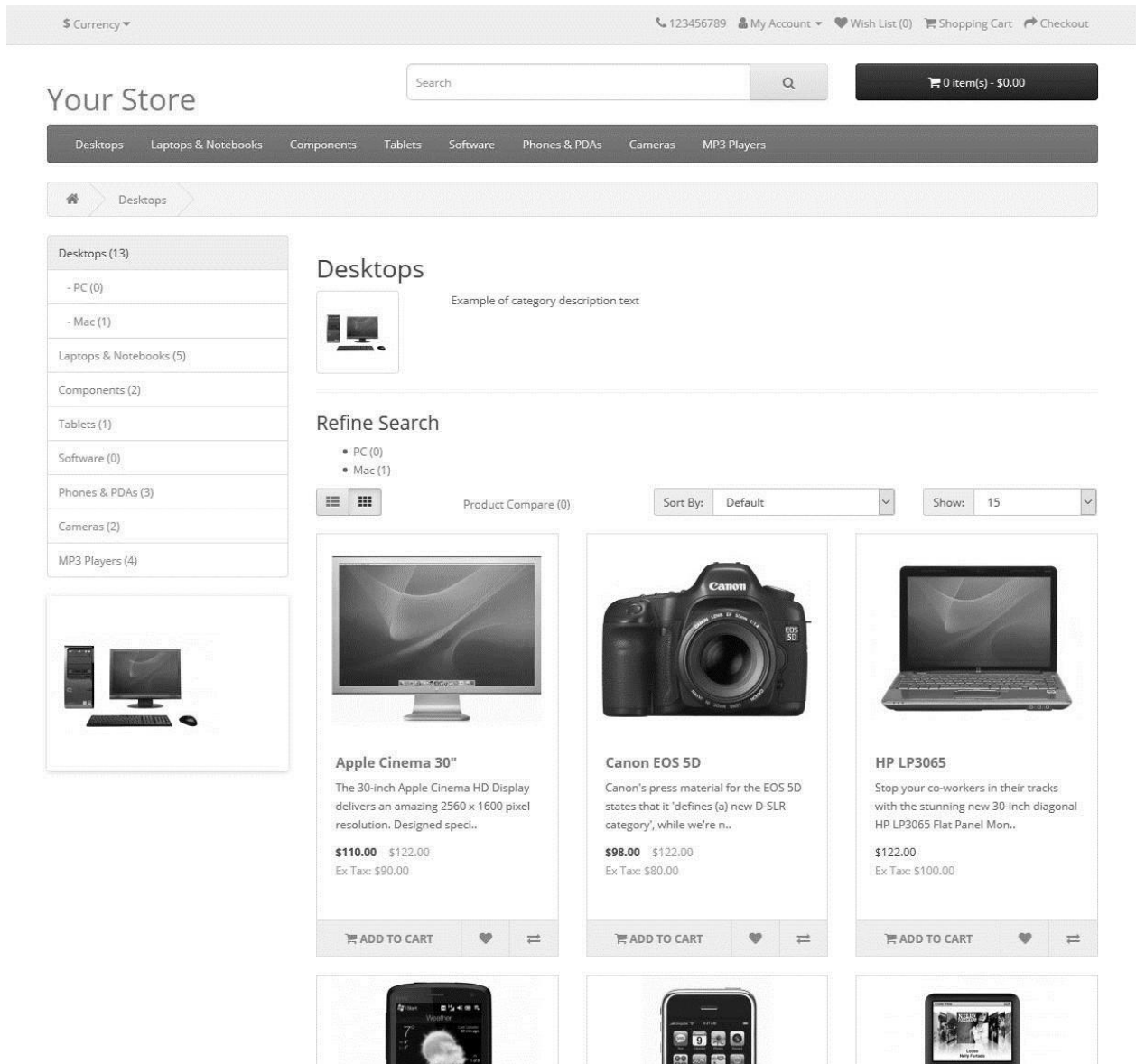
The product page can be divided into the following sections:

- **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



Customers can use category product listings to explore products that are similar to others within the same category. This feature is particularly beneficial for those looking to compare different products, which will be elaborated further under the Categories section. Accessing the category page is possible through various means, including clicking on parent categories from the top menu or selecting a category from the left side category block while browsing product pages.



As observed earlier, the left-side category block is also present on the product page. Beneath the Category title, there's room to include a description for the category. The "Refine Search" feature leads users to explore sub-categories within the main category. Customers have the flexibility to view products either in a list or grid format. The displayed image above is sorted in the listing format. Additionally, the "Sort By" box allows products to be arranged based on name, price, rating, or model as per the customer's preference.





Customers have the option to adjust the number of products shown in the product listing by using the "Show" feature, allowing them to display anywhere from 15 to 100 products per page.

Within the category section, each product is allocated dedicated space, presenting its image, description, price, and an "Add to Cart" button. Customers can also add the product to their wish list for future consideration. Additionally, a convenient "Add to Compare" option is available to help users compare different products side by side.

## 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.

### Product Comparison


Product Details		
Product	MacBook	MacBook Air
Image		
Price	\$602.00	\$1,202.00
Model	Product 16	Product 17
Brand	Apple	Apple
Availability	In Stock	In Stock
Rating	☆☆☆☆☆ Based on 0 reviews.	☆☆☆☆☆ Based on 0 reviews.
Summary	Intel Core 2 Duo processor Powered by an Intel Core 2 Duo processor at speeds up to 2.16GHz, the new MacBook is the fastest ever. 1GB memory, larger hard drives The new MacBoo..	MacBook Air is ultrathin, ultraportable, and ultra unlike anything else. But you don't lose inches and pounds overnight. It's the result of rethinking conventions. Of multiple wireless ..
Weight	0.00kg	0.00kg
Dimensions (L x W x H)	0.00mm x 0.00mm x 0.00mm	0.00mm x 0.00mm x 0.00mm
Memory		
test 1	8gb	
Processor		
No. of Cores	1	
	<a href="#">Add to Cart</a>	<a href="#">Add to Cart</a>
	<a href="#">Remove</a>	<a href="#">Remove</a>

Customers possess the option to add a product from the compared list to their cart if they decide to proceed with the purchase. After selecting, clicking "Continue" leads the user back to the homepage, ensuring a seamless and uninterrupted navigation experience. This streamlined process maintains user engagement while enhancing their shopping journey.






## Shopping Cart page

After adding a product to their cart, customers can conveniently access the Shopping cart by clicking on the "Shopping Cart" link in the header section.

 Shopping Cart

Shopping Cart (10.00kg)

Image	Product Name	Model	Quantity	Unit Price	Total
	iPhone ***	product 11	1  	\$123.20	\$123.20

What would you like to do next?

Choose if you have a discount code or reward points you want to use or would like to estimate your delivery cost.

Use Coupon Code ▾

Enter your coupon here

Enter your coupon here

Apply Coupon

Estimate Shipping & Taxes ▾

Use Gift Certificate ▾

Sub-Total:	\$101.00
Eco Tax (-2.00):	\$2.00
VAT (20%):	\$20.20
Total:	\$123.20

Continue Shopping

Checkout

The shopping cart offers a detailed overview of the chosen product, displaying key details such as "Image," "Product Name," "Model," "Quantity," "Unit Price," and "Total." Customers can utilize different options, including applying coupon codes or gift vouchers, and estimating shipping and taxes before proceeding to checkout. To continue shopping, the user can easily click the "Continue Shopping" button, directing them back to the homepage for a seamless browsing experience. This user-friendly and informative shopping cart enhances the overall convenience and satisfaction of the shopping process.

## Creating an account

Before proceeding with the checkout process, customers are presented with a choice between "Guest Checkout" and "Log into their Account." Opting for "Guest Checkout" enables a hassle-free process without the need for login details. However, returning customers may opt to create an account, providing them with a personalized experience and convenient access to their order history. This choice ensures flexibility and caters to both new and existing customers' preferences. Customers have several options to create an account:

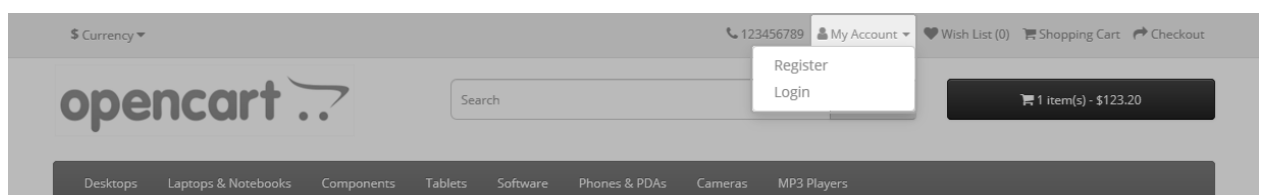


## 1. Checkout

The screenshot shows the OpenCart checkout process at Step 1: Checkout Options. The breadcrumb navigation at the top indicates the path: Home > Shopping Cart > Checkout. The main heading is "Checkout". Below it, a sub-header reads "Step 1: Checkout Options". The page is divided into two columns. The left column, titled "New Customer", offers two options: "Register Account" (selected with a radio button) and "Guest Checkout". A note states: "By creating an account you will be able to shop faster, be up to date on an order's status, and keep track of the orders you have previously made." A "Continue" button is at the bottom. The right column, titled "Returning Customer", has a link "I am a returning customer". It contains input fields for "E-Mail", "Password", and "Forgotten Password", along with a "Login" button. A vertical sidebar on the left lists the checkout steps: Step 1: Checkout Options (active), Step 2: Account & Billing Details, Step 3: Delivery Details, Step 4: Delivery Method, Step 5: Payment Method, and Step 6: Confirm Order.

During Step 1 of the checkout process, customers have the option to create an account before proceeding with payment. By choosing "Register Account," Step 2 of checkout shifts from Billing to Account & Billing details. Here, customers provide their personal information, similar to Billing, but with the addition of creating a password for their account. Once Step 2 is completed, customers can seamlessly continue with the checkout process, making their shopping experience secure and personalized.

## 2. Header- "My Account"



Selecting "My Account" from the header displays two options for customers: login or create an account. If customers already have an account, they can log in using the login option. Alternatively, they can opt to create a new account by clicking "Continue" in the "New Customer" section, leading them to the "Register an Account" page. This simple process allows customers to effortlessly manage their accounts and tailor their shopping experience.

# Checkout

After adding a product to the cart, customers can proceed to the checkout page for finalizing their purchase. Accessible through the header section on every page, just below the search box, OpenCart offers a straightforward checkout process consisting of six easy steps. This smooth and user-friendly checkout experience ensures a seamless and efficient transaction for customers.

## 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" are 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).