

FUNCTIONAL REQUIREMENTS SPECIFICATION



Overview

OpenCart (E-Commerce Application) is free open source e-commerce platform for online merchants. OpenCart (E-Commerce Application) 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 (**E-Commerce Application**) has an extensive amount of features that gives you a strong hold over the customization of your store. With OpenCart (**E-Commerce Application**)'s tools, you can help your onlineshop live up to its fullest potential.

Requirements

OpenCart (**E-Commerce Application**) requires certain technical requirements to be met for the store to operate properly. First, a web server must be created to make the OpenCart (E-Commerce Application) 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 (E-Commerce Application) to install properly on the web server.

1. **PHP 5.4**
2. **jQuery 2.1.1**
3. **JavaScript**
4. **Database (MySQL suggested)**
5. **Web Server (Apache suggested)**

OpenCart (E-Commerce Application) Frontend

This Document is intended to be used as an introduction to the OpenCart (**E-Commerce Application**) default store front. The store front reveals how the customer views and interacts with the store.

The screenshot displays the OpenCart website's homepage. At the top, there is a navigation bar with the OpenCart logo, links for FEATURES, DEMO, MARKETPLACE, BLOG, DOWNLOAD, and RESOURCES, and buttons for LOGIN and REGISTER. The main banner features the text "The best FREE and open-source eCommerce platform" and "Everything you need to create, scale and run your business". Below this, there are two call-to-action buttons: "7 DAY FREE TRIAL" and "FREE DOWNLOAD", each with a "View Demo" link. To the right, a laptop and a smartphone display the OpenCart dashboard. The dashboard includes a sidebar with navigation links (Dashboard, Catalog, Extensions, Design, Sales) and a main content area with various widgets: "TOTAL ORDERS" (16.5K), "TOTAL SALES" (20.3M), "TOTAL CUSTOMERS" (2.3K), "PEOPLE ONLINE", a "World Map", "Sales Analytics" graph, "Recent Activity", and a "Latest Orders" table.

Order ID	Customer	Status	Date Added	Total
1	Tim Karson	Pending	13/07/2017	\$235

The Windows taskbar at the bottom shows the search bar, task view button, and several application icons (Chrome, Firefox, Excel, Word). The system tray on the right indicates the temperature (12°C), weather (Clear), language (ENG IN), and time (11:38 PM 1/3/2024).

The products seen above are included as sample data with the OpenCart (**E-Commerce Application**) installation. These products can easily be removed and replaced with the shop's products later.



Navigating the shop

The OpenCart (**E-Commerce Application**) default theme makes navigating a shop's products easily Accessible to its customers.

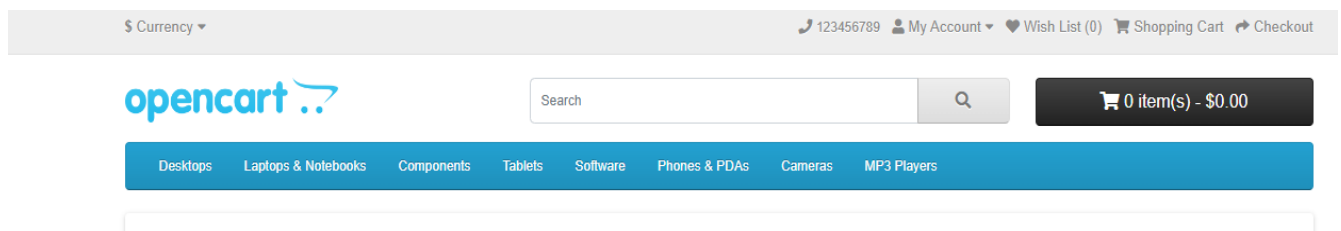
Home page

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 (**E-Commerce Application**) 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.



The header has the following navigation options:

1. Store logo: Clicking on this logo will direct the customer back to the home page of the store.
2. Currency block: The customer can select which currency the store's products will be in by clicking on any of the currency icons.
3. 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".
4. Search box: The customers can type in the search box to search for a product within the store's product categories.
5. Links: Links the customer to the Home page, Wish List, My Account, Shopping Cart, and Checkout.
6. Telephone: Company telephone number.
7. My Account: Customer can register or login from here.

The top menu

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

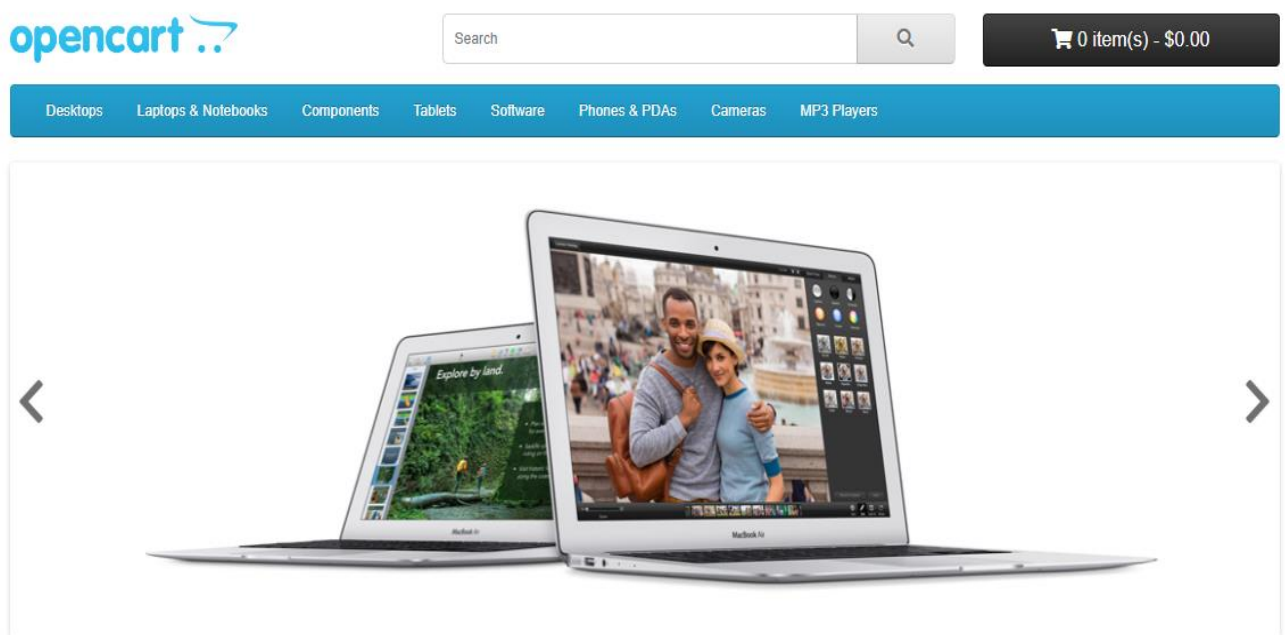
Like the header, the top menu will be displayed on every page. When the customer's mouse is dragged over a category, a drop-down menu will display the sub-categories for that parent category.



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

Slideshow

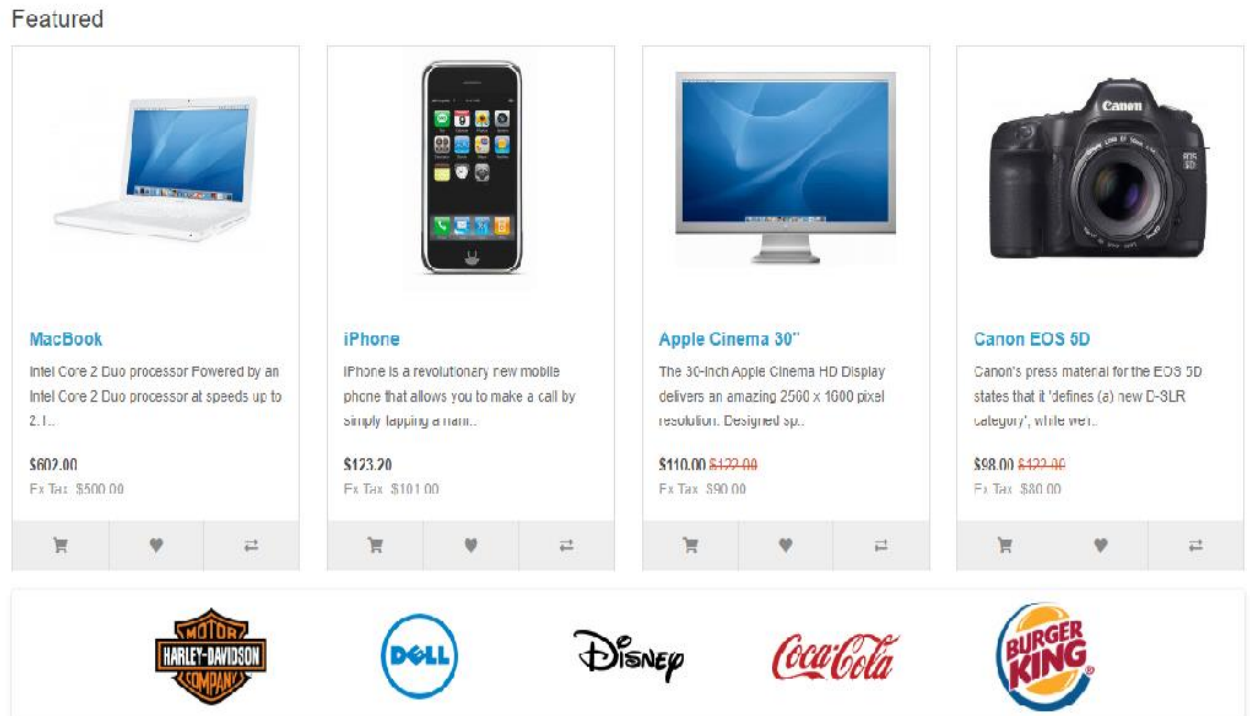
The slideshow displays several product banners of your choice by alternating the images in a slideshow. After a certain amount of time, one banner will shift to the next banner. Banners in this slideshow are useful for highlighting certain products to be easily accessible by the customer. When the banner 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 (**E-Commerce Application**) default can only be viewed on the home page in this position.

Featured products

OpenCart (**E-Commerce Application**) 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:

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

Information

[Terms & Conditions](#)
[Delivery Information](#)
[About Us](#)
[Privacy Policy](#)

Customer Service

[Contact Us](#)
[Returns](#)
[Site Map](#)

Extras

[Brands](#)
[Gift Certificates](#)
[Affiliate](#)
[Specials](#)

My Account

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


Powered By OpenCart
Your Store © 2024

Product pages

The OpenCart (**E-Commerce Application**) default product page will follow the structural format seen below.

[Desktops](#) [Laptops & Notebooks](#) [Components](#) [Tablets](#) [Software](#) [Phones & PDAs](#) [Cameras](#) [MP3 Players](#)



[Home](#) > [MacBook](#)



MacBook

Brand: [Apple](#)
Product Code: Product 16
Reward Points: 600
Availability: In Stock

\$602.00
Ex. tax: \$500.00

Qty

1

Add to Cart

☆☆☆☆☆ 0 reviews / [Write a review](#)



Description Specification Reviews (0)

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 MacBook now comes with 1GB of memory standard and larger hard drives for the entire line perfect for running more of your favorite applications and storing growing media collections.

Sleek, 1.08-inch-thin design

MacBook makes it easy to hit the road thanks to its tough polycarbonate case, built-in wireless technologies, and innovative MagSafe Power Adapter that releases automatically if someone accidentally trips on the cord.

Built-in iSight camera

Right out of the box, you can have a video chat with friends or family,2 record a video at your desk, or take fun pictures with Photo Booth

The product page can be divided into the following sections:

1. **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.
2. **Product details:** The product code, availability, and price are displayed just right to the product image.
3. **Cart:** The customer can select a quantity and add the product to their cart, wish list, or compare.
4. **Rating/Sharing:** Underneath the cart can rate the product and/or share the product on different social media websites.
5. **Description tab:** An area underneath the main product information to provide a detailed description of the product.
6. **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.



\$ Currency ▾

123456789

My Account ▾

Wish List (0)

Shopping Cart

Checkout

opencart

Search



0 item(s) - \$0.00

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

Desktops

Desktops (13)

- PC (0)

- Mac (1)

Laptops & Notebooks (5)

Components (2)

Tablets (1)

Software (0)

Phones & PDAs (3)

Desktops

Example of category description text



Refine Search

- PC (0)
- Mac (1)

Product Compare



Sort By Default ▾

Show 10 ▾

Product Compare
(0)



Sort By Default ▾

Show 10 ▾



Apple Cinema 30"

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

\$110.00 ~~\$422.00~~

Ex Tax: \$90.00



Canon EOS 5D

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

\$98.00 ~~\$422.00~~

Ex Tax: \$80.00



HP LP3065

Stop your co-workers in their tracks with the stunning new 30-inch diagonal HP LP3065 Flat Panel Mon..

\$122.00

Ex Tax: \$100.00

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 sub- categories 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.



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.

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	
	Add to Cart	Add to Cart
	Remove	Remove

The customer is given the option to add one of the compared products to the cart if they want to. Pressing "Continue" will bring the user back to the home page.






Shopping Cart page

Once a customer adds a product to the cart, they can access the shopping cart in the header under "Shopping Cart".

 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 gives an overview of the product selected by including the categories "Image", "Product Name", "Model", "Quantity", "Unit Price", and "Total". The customer has an option to add a coupon code or gift voucher, or estimate shipping & taxes, before heading to the checkout. The "Continue Shopping" button links back to the homepage.

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 into 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. Checkout

[Home](#) > [Shopping Cart](#) > [Checkout](#)

Checkout

Step 1: Checkout Options ▾

New Customer

Checkout Options:

☒ Register Account
☐ Guest Checkout

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.

[Continue](#)

Returning Customer

I am a returning customer

E-Mail

Password

[Forgotten Password](#)

[Login](#)

Step 2: Account & Billing Details

Step 3: Delivery Details

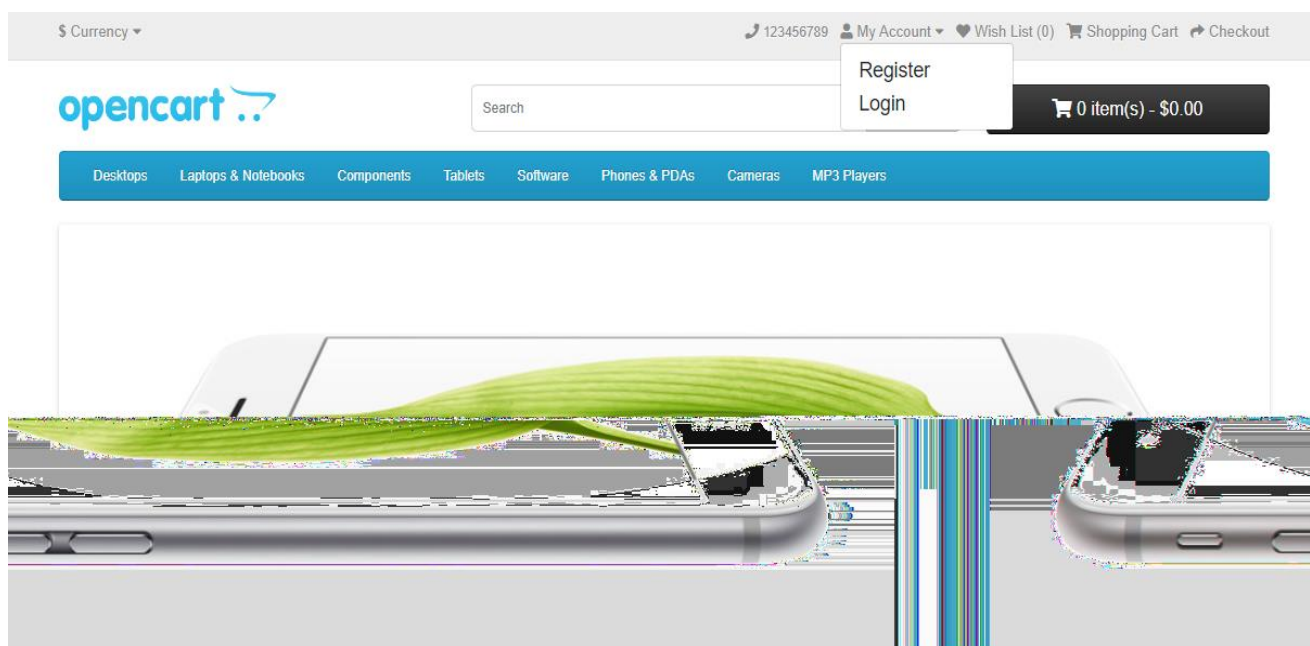
Step 4: Delivery Method

Step 5: Payment Method

Step 6: Confirm Order

Step 1 of the checkout process allows the user to make an account before continuing with payment. Selecting "Register Account" will change Step 2 of checkout from billing to Account & Billing details. Account & Billing asks for the same personal details as Billing, except that it asks for the user to create a password for their account. After Step 2 is completed, the customer may continue with the checkout process.

2. Header- "My Account"



Clicking "My Account" in the header will show the option for customer to the Login or create account. This page gives the customer an option to log in if they already

have an account, or create a new account. In the "New Customer" section the customer can click "Continue" under Register Account to be directed to the "Register an Account" page.



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 (**E-Commerce Application**) 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" 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).

TEST PLAN

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Overview

As part of the project, **OpenCart (E-Commerce Application)** asked Croma to test few functionalities of '**<https://demo.opencart.com/>**' web application.

This document serves as high level test planning document with details on the Scope of the project, test strategy, test schedule and resource requirements, Test deliverables and schedule.

Scope

The scope of the project includes testing the following features of '**<https://demo.opencart.com/>**' web application.

Inclusions

1. Register
2. Login & Logout
3. Forgot Password
4. Search
5. Product Compare
6. Product Display Page
7. Add to Cart
8. Wish List
9. Shopping Cart
10. Currencies
11. Home Page
12. Checkout Page
13. My Account Page
14. Order History Page
15. Downloads Page
16. Contact Us Page
17. Menu Options
18. Footer Options
19. Category Pages

Test Environments

- Windows 7, 10, 11 – Chrome, Firefox and Edge:
- Mac OS – Safari Browser
- Android Mobile OS – Chrome
- iPhone Mobile OS – Safari

Exclusions

- All the features except that are mentioned under 'Inclusions'
- Any third-party features or Payment gateways
- Test Automation.

Test Strategy

'Croma ' has communicated with 'OpenCart' and has understood that we need to Perform Functional Testing of all the functionalities mentioned in the above Scope section.

As part of Functional Testing, we will follow the below approach for Testing:

Step 1 – Creation of Test Scenarios and Test Cases for the different features in scope.

- **We will apply several Test Designing techniques while creating Test Cases**

1. Equivalence Class Partition
2. Boundary Value Analysis
3. Decision Table Testing
4. State Transition Testing
5. Use Case Testing

- **We also use our expertise in creating Test Cases by applying the below:**

1. Error Guessing
2. Exploratory Testing

We priorities the Test Cases.

Step 2 – Our Testing process, when we get an Application for Testing:

1. Firstly, we will perform Smoke Testing to check whether the different and
2. Important functionalities of the application are working.
3. We reject the build, if the Smoke Testing fails and will wait for the stable
4. Build before performing in depth testing of the application functionalities.
5. Once we receive a stable build, which passes Smoke Testing, we perform
6. In depth testing using the Test Cases created.
7. Multiple Test Resources will be testing the same Application on Multiple
8. Supported Environments simultaneously.
9. We then report the bugs in bug tracking tool and send dev. management
10. The defect found on that day in a status end of the day email.

As part of the Testing, we will perform the below types of Testing:

1. Smoke Testing and Sanity Testing
2. Regression Testing and Retesting
3. Usability Testing, Functionality & UI Testing

Step 3 – We will follow the below best practices to make our Testing better:

1. **Context Driven Testing** – We will be performing Testing as per the context of the given application.
2. **Shift Left Testing** – We will start testing from the beginning stages of the development itself, instead of waiting for the stable build.
3. **Exploratory Testing** – Using our expertise we will perform Exploratory Testing, apart from the normal execution of the Test cases.
4. **End to End Flow Testing** – We will test the end-to-end scenario which involve multiple functionalities to simulate the end user flows.

Defect Reporting Procedure:

1. Any deviation from expected behavior by the application will be noted. If It can't be reported as a defect, it'd be reported as an observation/issue or Posed as a question.
2. Any usability issues will also be reported.
3. After discovery of a defect, it will be retested to verify reproducibility of the defect. Screenshots with steps to reproduce are documented.
4. Every day, at the end of the test execution, defects encountered will be sent along with the observations.

Roles/Responsibilities:

Name	Role	Responsibilities
Person A	Test Manager	✓ Escalations
Person B	Test Lead	✓ Create the Test Plan and get the client signoffs ✓ Interact with the application, create and execute the test cases ✓ Report defects ✓ Coordinate the test execution. Verify validity of the defects being reported. ✓ Submit daily issue updates and summary defect reports to the client. ✓ Attend any meeting with client.
Person C	Senior Test Engineer	✓ Interact with the application ✓ Create and Execute the Test cases. ✓ Report defects
Person D	Test Engineer	✓ Interact with the application ✓ Execute the Test cases. ✓ Report defects

Test Schedule:

Task	Time Duration
▪ Creating Test Plan	Start Date to End Date
▪ Test Case Creation	Start Date to End Date
▪ Test Case Execution	Start Date to End Date
▪ Summary Reports Submission	Date

Test Deliverables:

Deliverables	Description	Target Completion Date
Test Plan	Details on the scope of the Project, test strategy, test schedule, resource requirements, test deliverables and schedule	Date
Functional Test Cases	Test Cases created for the scope defined	Date
Defect Reports	Detailed description of the defects identified along with screenshots and steps to reproduce on a daily basis.	NA
Summary Reports	Summary Reports – Bugs by Bug#, Bugs by Functional Area and Bugs by Priority	Date

Entry and Exit Criteria:

The below are the entry and exit criteria for every phase of Software Testing Life Cycle:

Requirement Analysis:

Entry Criteria:

Once the testing team receives the Requirements Documents or details about the Project.

Exit Criteria:

1. List of Requirements are explored and understood by the Testing team.
2. Doubts are cleared.

Test Planning:

Entry Criteria:

1. Testable Requirements derived from the given Requirements Documents or Project details
2. Doubts are cleared

Exit Criteria:

1. Test Plan document (includes Test Strategy) is signed-off by the Client.

Test Designing

Entry Criteria:

- Test Plan Document is signed-off by the Client

Exit Criteria:

- Test Scenarios and Test Cases Documents are signed-off by the Client

Test Execution

Entry Criteria:

- Test Scenarios and Test Cases Documents are signed-off by the Client
- Application is ready for Testing

Exit Criteria:

- Test Case Reports, Defect Reports are ready

Test Closure

Entry Criteria:

- Test Case Reports, Defect Reports are ready

Exit Criteria:

- Test Summary Reports

Tools:

The following are the list of Tools we will be using in this Project:

1. XYZ Bug Tracking Tool
2. Mind map Tool
3. Snipping Screenshot Tool
4. Word and Excel documents

Risks and Mitigations:

1. Risk: Non-Availability of a Resource
2. Mitigation: Backup Resource Planning
3. Risk: Build URL is not working
4. Mitigation: Resources will work on other tasks
5. Risk: Less time for Testing
6. Mitigation: Ramp up the resources based on the Client needs dynamically.

Approvals:

Team will send different types of documents for Client Approval like below:

1. Test Plan
2. Test Scenarios
3. Test Cases
4. Reports

Testing will only continue to the next steps once these approvals are done.

OpenCart (E-Commerce Application) (Test Scenarios)

Project Name	OpenCart (Frontend)	
Client	OpenCart	
Reference Document	FRS	
Created By	Croma campus	
Creation Date	DD-MM-YYYY	
Approval Date	DD-MM-YYYY	

Test Scenario ID	Reference	Test Scenario Description	Priority	Number of Test Cases
TS_001	FRS	Validate the working of Register Account functionality	Po	27
TS_002	FRS	Validate the working of Login functionality	Po	23
TS_003	FRS	Validate the working of Logout functionality	Po	11
TS_004	FRS	Validate the working of Forgot Password functionality	P2	25
TS_005	FRS	Validate the working of Search functionality	P1	22
TS_006	FRS	Validate the working of Product Compare functionality	P4	24
TS_007	FRS	Validate the Product Display Page functionality for the different types of Products	P1	37
TS_008	FRS	Validate the working of 'Add to Cart' functionality	P1	09
TS_009	FRS	Validate the working of 'Wish List' functionality	P4	21

TS_010	FRS	Validate the working of 'Shopping Cart' functionality	P1	33
TS_011	FRS	Validate the working of Home Page functionality	P2	10
TS_012	FRS	Validate the working of Checkout functionality	P1	20
TS_013	FRS	Validate the My Account functionality	P2	9
TS_014	FRS	Validate the working of My Account > Account Information functionality	P3	13
TS_015	FRS	Validate the working of My Account > 'Change Password' functionality	P3	13
TS_016	FRS	Validate the working of My Account > 'Address Book' functionality	P3	21
TS_017	FRS	Validate the working of My Orders > 'Order History' functionality	P3	12
TS_018	FRS	Validate the working of My Orders > 'Order Information' functionality	P3	8
TS_019	FRS	Validate the working of My Orders > 'Product Returns' functionality	P3	11
TS_020	FRS	Validate the working of My Orders > 'Downloads' functionality	P3	13
TS_021	FRS	Validate the working of My Orders > 'Reward Points' functionality	P3	10
TS_022	FRS	Validate the working of My Orders > 'Returned Requests' functionality	P3	17
TS_023	FRS	Validate the working of My Orders > 'Your Transactions' functionality	P3	11

TS_024	FRS	Validate the working of My Orders > 'Recurring Payments' functionality	P3	9
TS_025	FRS	Validate the working of 'Affiliate' functionality	P4	29
TS_026	FRS	Validate the working of 'Newsletter' functionality	P4	13
TS_027	FRS	Validate the working of 'Contact Us' page functionality	P4	13
TS_028	FRS	Validate the working of 'Gift Certificate' page functionality	P4	11
TS_029	FRS	Validate the working of 'Special Offers' page functionality	P4	16
TS_030	FRS	Validate the working of 'Header' options, 'Menu' options and 'Footer' options	P4	22
TS_031	FRS	Validate the complete Application functionality for different currencies	P2	3

OpenCart (E-Commerce Application)

(Test Cases - Register Functionality)

Test Case ID	Test Scenario	Test Case Title	Pre-requisites	Test Steps
<u><< Test Scenarios</u>				
TC_RF_001	(TS_001) Register Functionality	Validate Registering an Account by providing only the Mandatory fields	1. Open the Application (https://demo.opencart.com) in any Browser	1. Click on ' My Account ' Drop menu 2. Click on ' Register ' option 3. Enter new Account Details into the Mandatory Fields (First Name, Last Name, E-Mail, Telephone, Password, Password Confirm and Privacy Policy Fields)

				<p>4. Click on 'Continue' button (ER-1)</p> <p>5. Click on 'Continue' button that is displayed in the 'Account Success' page (ER-2)</p>
TC_RF_002	(TS_001) Register Functionality	<p>Validate 'Thank you for registering' email is sent to the registered email address as a confirmation for registering the account</p>	<p>1. Open the Application (https://demo.opencart.com) in any Browser</p>	<p>1. Click on 'My Account' Drop menu</p> <p>2. Click on 'Register' option</p> <p>3. Enter new Account Details into the Mandatory Fields (First Name, Last Name, E-Mail, Telephone, Password, Password Confirm and Privacy Policy Fields)</p> <p>4. Click on 'Continue' button</p> <p>5. Check the email address used for registering the account (Verify ER-1, ER-2. ER-3)</p> <p>6. Click on the Login page link from the Email body (Verify ER-4)</p>
TC_RF_003	(TS_001) Register Functionality	<p>Validate Registering an Account by providing all the fields</p>	<p>1. Open the Application (https://demo.opencart.com) in any Browser</p>	<p>1. Click on 'My Account' Drop menu</p> <p>2. Click on 'Register' option</p> <p>3. Enter new Account Details into all the Fields (First Name, Last Name, E-Mail, Telephone, Password, Password Confirm, Newsletter and Privacy Policy Fields)</p> <p>4. Click on 'Continue' button (ER-1)</p>

				5. Click on ' Continue ' button that is displayed in the 'Account Success' page (ER-2)
TC_RF_004	(TS_001) Register Functionality	Validate proper notification messages are displayed for the mandatory fields, when you don't provide any fields in the 'Register Account' page and submit	1. Open the Application (https://demo.opencart.com) in any Browser	<ol style="list-style-type: none"> 1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Don't enter anything into the fields 4. Click on 'Continue' button (ER-1)
TC_RF_005	(TS_001) Register Functionality	Validate Registering an Account when 'Yes' option is selected for Newsletter field	1. Open the Application (https://demo.opencart.com) in any Browser	<ol style="list-style-type: none"> 1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Enter new Account Details into all the Fields (First Name, Last Name, E-Mail, Telephone, Password, Password Confirm and Privacy Policy Fields) 4. Click on 'Yes' radio option for Newsletter 5. Click on 'Continue' button (ER-1) 6. Click on 'Continue' button that is displayed in the 'Account Success' page (ER-2) 7. Click on 'Subscribe/unsubscribe'

				to newsletter' option (ER-3)
TC_RF_006	(TS_001) Register Functionality	Validate Registering an Account when 'No' option is selected for Newsletter field	1. Open the Application (https://demo.opencart.com) in any Browser	<ol style="list-style-type: none"> 1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Enter new Account Details into all the Fields (First Name, Last Name, E-Mail, Telephone, Password, Password Confirm and Privacy Policy Fields) 4. Click on 'No' radio option for Newsletter 5. Click on 'Continue' button (ER-1) 6. Click on 'Continue' button that is displayed in the 'Account Success' page (ER-2) 7. Click on 'Subscribe/unsubscribe to newsletter' option (ER-3)
TC_RF_007	(TS_001) Register Functionality	Validate different ways of navigating to 'Register Account' page	1. Open the Application (https://demo.opencart.com) in any Browser	<ol style="list-style-type: none"> 1. Click on 'My Account' Drop menu 2. Click on 'Register' option (ER-1) 3. Click on 'My Account' Drop menu 4. Click on 'Login' option 5. Click on 'Continue' button inside 'New Customer' box (ER-1) 6. Repeat Steps 3 and 4

				7. Click on 'Register' option from the Right Column options (ER-1)
TC_RF_008	(TS_001) Register Functionality	Validate Registering an Account by entering different passwords into 'Password' and 'Password Confirm' fields	1. Open the Application (https://demo.opencart.com) in any Browser	<ol style="list-style-type: none"> 1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Enter new Account Details into all the Fields (First Name, Last Name, E-Mail, Telephone, Newsletter and Privacy Policy Fields) 4. Enter any password say '12345' into the 'Password' field 5. Enter any different password say 'abcde' into the 'Passsword Confirm' field 6. Click on 'Continue' button (ER-1)
TC_RF_009	(TS_001) Register Functionality	Validate Registering an Account by providing the existing account details (i.e. existing email address)	1. Open the Application (https://demo.opencart.com) in any Browser	<ol style="list-style-type: none"> 1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Enter existing Account Details into all the Fields (First Name, Last Name, E-Mail, Telephone, Password, Password Confirm, Newsletter and Privacy Policy Fields) - <Refer Test Data> 4. Click on 'Continue' button (ER-1)

TC_RF_010	(TS_001) Register Functionality	Validate Registering an Account by providing an invalid email address into the E- Mail field	1. Open the Application (https://demo.opencart.com) in any Browser	1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Enter new Account Details into all the Fields (First Name, Last Name, Telephone, Password, Password Confirm, Newsletter and Privacy Policy Fields) 4. Enter invalid email address into the E-Mail Field - <Refer Test Data> 5. Click on 'Continue' button (ER-1)
TC_RF_011	(TS_001) Register Functionality	Validate Registering an Account by providing an invalid phone number	1. Open the Application (https://demo.opencart.com) in any Browser	1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Enter new Account Details into all the Fields (First Name, Last Name, E-Mail, Password, Password Confirm, Newsletter and Privacy Policy Fields) 4. Enter invalid phone number into the Telephone Field - <Refer Test Data> 5. Click on 'Continue' button (ER-1)
TC_RF_012	(TS_001) Register Functionality	Validate Registering an Account by using the Keyboard keys	1. Open the Application (https://demo.opencart.com) in any Browser	1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Enter new Account Details into all the Fields (First Name, Last Name, E- Mail, Telephone, Password, Password Confirm, Newsletter and Privacy Policy Fields) by using Keyboard keys (Tab,

				Spacebar and Enter) 4. Click on 'Continue' button (ER-1)
TC_RF_013	(TS_001) Register Functionality	Validate all the fields in the Register Account page have the proper placeholders	1. Open the Application (https://demo.opencart.com) in any Browser	1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. View the First Name, Last Name, E-Mail, Telephone, Password, Password Confirm fields for Placeholders (ER-1)
TC_RF_014	(TS_001) Register Functionality	Validate all the mandatory fields in the Register Account page are marked with red color * symbol	1. Open the Application (https://demo.opencart.com) in any Browser	1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Check the Fields - First Name, Last Name, E-Mail, Telephone, Password, Password Confirm and Privacy Policy
TC_RF_015	(TS_001) Register Functionality	Validate the details that are provided while Registering an Account are stored in the Database	1. Open the Application (https://demo.opencart.com) in any Browser	1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Enter new Account Details into all the Fields (First Name, Last Name, E-Mail, Telephone, Password, Password Confirm, Newsletter and Privacy Policy Fields) 4. Click on 'Continue' button (ER-1)

TC_RF_016	(TS_001) Register Functionality	Validate whether the Mandatory fields in the Register Account page are accepting only spaces	1. Open the Application (https://demo.opencart.com) in any Browser	<ol style="list-style-type: none"> 1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Enter spaces into the Mandatory Fields (First Name, Last Name, E-Mail, Telephone, Password and Password Confirm) 4. Click on 'Continue' button (ER-1)
TC_RF_017	(TS_001) Register Functionality	Validate whether the Password fields in the Register Account page are following Password Complexity Standards	1. Open the Application (https://demo.opencart.com) in any Browser	<ol style="list-style-type: none"> 1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Enter new Account Details into all the Fields (First Name, Last Name, E-Mail, Telephone, Newsletter and Privacy Policy Fields) 4. Check entering simple passwords (Not following Password Complexity Standards' i.e. Size of password as 8, password should contain atleast one number, symbol, lower case letter and upper case letters) - <Refer Test Data> 5. Click on 'Continue' button (ER-1)
TC_RF_018	(TS_001) Register Functionality	Validate whether the fields in the Register Account page are according the Client requirements (Examples- Height, Width, Number of characters	1. Open the Application (https://demo.opencart.com) in any Browser	<ol style="list-style-type: none"> 1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Check all the fields (First Name, Last Name, E-Mail, Telephone, Password, Password Confirm, Newsletter and Privacy Policy Fields) including the 'Continue' button (ER-

		etc.)		1)
TC_RF_019	(TS_001) Register Functionality	Validate whether the leading and trailing spaces entered into the Register Account fields are trimmed	1. Open the Application (https://demo.opencart.com) in any Browser	1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Enter new Account Details into all the Fields (First Name, Last Name, E-Mail, Telephone, Password, Password Confirm, Newsletter and Privacy Policy Fields) - by adding leading and trailing spaces to the applicable fields (First Name, Last Name, E-Mail, Telephone, Password, Password Confirm) 4. Click on 'Continue' button (ER-1)
TC_RF_020	(TS_001) Register Functionality	Validate whether the 'Privacy Policy' checkbox option is not selected by default	1. Open the Application (https://demo.opencart.com) in any Browser	1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. View the 'Privacy Policy' checkbox option (ER-1)
TC_RF_021	(TS_001) Register Functionality	Validate Registering the Account without selecting the 'Privacy Policy' checkbox option	1. Open the Application (https://demo.opencart.com) in any Browser	1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Enter new Account Details into all the Fields (First Name, Last Name, E-Mail, Telephone, Password, Password Confirm and Newsletter Fields) 4. Don't select the

				'Privacy Policy' checkbox option 4. Click on 'Continue' button (ER-1)
TC_RF_022	(TS_001) Register Functionality	Validate the Password text entered into the 'Password' and 'Password Confirm' field of 'Register Account' functionality is toggled to hide its visibility	1. Open the Application (https://demo.opencart.com) in any Browser	1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Enter some Password text into the 'Password' and 'Password Confirm' fields (ER-1)
TC_RF_023	(TS_001) Register Functionality	Validate navigating to other pages using the options or links provided on the 'Register Account' page	1. Open the Application (https://demo.opencart.com) in any Browser	1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Try clicking on 'login page' link, 'privacy policy' link, 'Right Column' options, Menu options, Header and Footer options and any other options
TC_RF_024	(TS_001) Register Functionality	Validate Registering an Account, by filling 'Password' field and not filling 'Password Confirm' field	1. Open the Application (https://demo.opencart.com) in any Browser	1. Click on 'My Account' Drop menu 2. Click on 'Register' option 3. Enter new Account Details into all the Fields (First Name, Last Name, E-Mail, Telephone, Password, Newsletter and Privacy Policy Fields) 4. Don't enter into 'Password Confirm' field

				5. Click on 'Continue' button (ER-1)
TC_RF_025	(TS_001) Register Functionality	Validate the Breadcrumb, Page Heading, Page URL, Page Title of 'Register Account' Page	1. Open the Application (https://demo.opencart.com) in any Browser	1. Click on 'My Account' Drop menu 2. Click on 'Register' option
TC_RF_026	(TS_001) Register Functionality	Validate the UI of the 'Register Account' page	1. Open the Application (https://demo.opencart.com) in any Browser	1. Click on 'My Account' Drop menu 2. Click on 'Register' option
TC_RF_027	(TS_001) Register Functionality	Validate 'Register Account' functionality in all the supported environments	1. Open the Application (https://demo.opencart.com) in any Browser	1. Click on 'My Account' Drop menu 2. Click on 'Register' option

OpenCart (E-Commerce Application)

(Bug Report)

Bug ID	Description	Steps to Reproduce	Actual Result	Severity	Priority
OPENCART-BUG-1	Thank you for registering' email is not received to the registered email address after registering an account	<ol style="list-style-type: none"> 1. Open the Application URL 2. Click on 'My Account' dropdown 3. Select 'Register' option 4. Enter the new User valid details into the 'Register Account' page 5. Select the 'Privacy Policy' checkbox option 6. Click on 'Continue' button 	User Account is getting created, but the email with subject 'Thank you for registering' is not received to the registered email address.	Major	P1(Medium)
OPENCART-BUG-2	User is able to register an account by providing an invalid phone number	<ol style="list-style-type: none"> 1. Open the Application URL 2. Click on 'My Account' dropdown 3. Select 'Register' option 4. Enter valid details into the fields displayed on the 'Register Account' page 5. Enter invalid phone number say abcde into the 'Telephone' field 6. Select 'Privacy Policy' checkbox field 7. Click on 'Continue' button 	Warning message is not getting displayed, instead User account is getting created with invalid phone number	Major	P1(Medium)

OPENCART- BUG-3	Privacy Policy' Checkbox field in 'Register Account' page is not marked with red colour * symbol	<ol style="list-style-type: none"> 1. Open the Application URL in any browser 2. Click on 'My Account' Dropdown 3. Select 'Register' option 4. Check the 'Privacy Policy' checkbox field in the displayed 'Register Account' page 	Privacy Policy' check box field is mandatory but not marked with red colour * symbol.	Minor	P2(Low)
OPENCART- BUG-4	Telephone' field in 'Register Account' page is accepting the spaces and not showing warning message	<ol style="list-style-type: none"> 1. Open the Application URL in any browser 2. Click on 'My Account' dropdown 3. Selection 'Register' option 4. Enter spaces into all the mandatory fields including 'Telephone' field 5. Select the 'Privacy Policy' checkbox field 6. Click on 'Continue' button 	Telephone field is accepting the spaces and no field level warning message is displayed for this field.	Major	P1(Medium)

OPENCART-BUG-5	Password' and 'Password Confirm' fields in 'Register Account' page are accepting simple passwords	<ol style="list-style-type: none"> 1. Open the Application URL in any browser 2. Click on 'My Account' dropdown menu 3. Select 'Register' option 4. Enter details into all the mandatory fields 5. Enter simple password say 'abcd' into the 'Password' and 'Password Confirm' fields 6. Select 'Privacy Policy' checkbox field 7. Click on 'Continue' button 	Simple password got accepted and there is no warning message regarding the complexity standards of the Password.	Major	P1(Medium)
OPENCART-BUG-6	Leading and Trailing spaces are accepted by the text fields in the 'Register Account' page	<ol style="list-style-type: none"> 1. Open the Application URL in any browser 2. Click on 'My Account' dropdown menu 3. Select 'Register' option 4. Enter leading and trailing spaces to the text fields in the 'Register Account' page 5. Select 'Privacy Policy' checkbox field 6. Click on 'Continue' button 	Leading and Trailing spaces are accepted by the text fields in the 'Register Account' page and account is getting created.	Minor	P1(Medium)

OPENCART- BUG-7	User is getting logged out on clicking Browser back button	<ol style="list-style-type: none"> 1. Open Application URL in any browser 2. Click on 'My Account' dropdown menu 3. Select 'Login' option 4. Enter valid email address into 'E-Mail Address' field and valid password into 'Password' field 5. Click on 'Login' button 6. Click on browser back button two times 	User is getting logged out	Critical	P1(Medium)
OPENCART- BUG-8	User is getting logged in automatically on browsing back immediately after logout	<ol style="list-style-type: none"> 1. Login to the Application 2. Click on 'My Account' dropdown menu 3. Select 'Logout' option 4. Click on browser back button 	User is getting logged in automatically	Major	P1(Medium)
OPENCART- BUG-9	User is getting logged in automatically on browsing back immediately after logout	<ol style="list-style-type: none"> 1. Open Application URL in any browser 2. Click on 'My Account' dropdown menu 3. Select 'Login' option 4. Enter password into the 'Password' field on the 'Login' page 5. Click on 'Login' button 6. Inspect the 'Password' text field 	Password is getting displayed in the Page Source code as shown in the attached screenshot	Major	P1(Medium)

OPENCART- BUG-10	User is not automatically getting logged out of the Application after 30 minutes of inactivity	1. Login to the Application with valid credentials 2. Don't perform any action for next 30 minutes 3. Try to perform any action after the above 30 minutes like Search a product etc.	User is not getting logged out	Minor	P2(Low)
OPENCART- BUG-11	User is not getting logged out in one browser, when logged out in another browser	1. Login to the Application with same credentials in Chrome and Firefox Browser 2. Logout in Chrome browser 3. Check performing any action in Firefox browser	User is not getting logged out automatically in Firefox browser	Minor	P2(Low)
OPENCART- BUG-12	Email address is not getting carry forwarded from the 'Login' page to 'Forgot Your Password' page	1. Open Application URL 2. Click on 'My Account' dropdown menu 3. Select 'Login' option 4. Enter email address into the 'E-Mail Address' text field 5. Click on 'Forgotten Password' link	Email address given in Login page is not getting carry forwarded to 'Forgot Your Password' page	Minor	P1(Medium)

OPENCART- BUG-13	Using tab keyboard key is not highlighting the 'Search in subcategories' checkbox field	<ol style="list-style-type: none"> 1. Open Application URL 2. Click on 'Search' icon without entering any product name 3. In the displayed 'Search' page, continuously press 'Tab' keyboard key 	Search in subcategories' checkbox field is not highlighted or focused.	Minor	P2(Low)
OPENCART- BUG-14	Negative, Null and Zero values are accepted by the Qty field in Product Display Pages	<ol style="list-style-type: none"> 1. Open Application URL 2. Enter any Product Name say 'iMac' into the Search box field 3. Click on the button having Search icon 4. Click the Product displayed in the Search results 5. Change the quantity to Negative or Blank or Zero in the Qty field of Product Display Page 6. Click on 'Add to Cart' button 	Success message with text - Success: You have added Product to your shopping cart! is getting displayed	Minor	Po(High)

OPENCART- BUG-15	Warning message informing the User to provide positive quantity is not getting displayed on updating the quantity with negative, zero or blank in the 'Shopping Cart' page	<ol style="list-style-type: none"> 1. Open Application URL 2. Enter any Product say 'iMac' in the Search box field 3. Click on 'Search' icon button 4. Click on 'Add to Cart' button on the product displayed in the Search Results page 5. Click on 'Shopping Cart' header option 6. Enter -5 into the Quantity field 7. Click on 'Update' icon option 	No warning message is getting displayed, instead 'Your shopping cart is empty!' is getting displayed	Minor	P1(Medium)
OPENCART- BUG-16	\$8 is displayed instead of \$5 in the displayed 'Estimate Shipping & Taxes' dialog	<ol style="list-style-type: none"> 1. Open any Application URL 2. Navigate to Shopping Cart page after adding a Product to Cart 3. Click on 'Estimate Shipping & Taxes' dialog 4. Enter Country say 'United States' into the 'Country' text field 5. Enter Region/State say 'California' into the 'Region/State' text field 6. Click on 'Get Quotes' button 	For the first time after opening the browser and following the steps to reproduce, \$8 is getting displayed in the 'Estimate Shipping & Taxes' dialog	Major	Po(High)

OPENCART- BUG-17	User can provide future date for the 'Order Date' field while returning the order	<ol style="list-style-type: none"> 1. Login to the Account having few orders placed 2. Click on 'Order History' Right column option 3. Click on 'View' icon option of any order displayed in the table of 'Order History' page 4. Enter any future date into the 'Order Date' field in the displayed 'Product Returns' page 5. Provide/Select all the mandatory fields and click on 'Submit' button 	Future Date provided in the 'Order Date' field is accepted and return is placed	Critical	P1(Medium)
OPENCART- BUG-18	Page text is not displayed in the 'About Us', 'Delivery Information', 'Privacy Policy' and 'Terms & Conditions' page	<ol style="list-style-type: none"> 1. Open Application URL 2. Click on 'About Us' footer option or other footer options like 'Delivery Information', 'Privacy Policy' and 'Terms & Conditions' page 	No page text is getting displayed in the page as shown in the attached screenshot	Minor	P2(Low)

OPENCART- BUG-19	Normal User who has not registered for the Affiliate account is able to login from 'Affiliate Login' section	<ol style="list-style-type: none"> 1. Open Application URL 2. Click on 'Affiliate' footer link 3. Login from the 'Affiliate Program' page by providing credentials of the normal User who has not registered for an Affiliate account from the 'Affiliate Login' section 4. Click on 'Login' button 	Normal User not registered for affiliate account is able to login as shown in the attached screenshot	Critical	P1(Medium)
OPENCART- BUG-20	Options are not displayed in the 'Select' dropdown list of 'Canon EOS 5D' product display page	<ol style="list-style-type: none"> 1. Open Application URL 2. Enter 'Canon' text into Search text field 3. Click on 'Search' icon button 4. Click on the Product displayed in the Search results 5. Select any option from the 'Select' dropdown field displayed in the Product Display Page 	Not a single option is displayed in the 'Select' dropdown field as shown in the attached screenshot	Critical	Po(High)

OPENCART- BUG-21	Logo of the Application is missing, instead 'Your Text' is getting displayed	1. Open Application URL	Logo is not getting displayed, instead 'Your Text' is displayed on the page as shown in the attached screenshot	Minor	Po(High)
OPENCART- BUG-22	Clicking on the first Hero image is taking us to a wrong Product Display Page	1. Open Application URL 2. Click on the first Hero Image displayed in the Home page	User is taken to a Product Display page of a Tab	Minor	P1(Medium)
OPENCART- BUG-23	A blank 'Contact Us' page is displayed on submitting the form in 'Contact Us' page	1. Open Application URL 2. Click on 'Contact Us' footer option 3. Enter the details into 'Your Name', 'E-Mail Address' and 'Enquiry' fields in the 'Contact Us' page 4. Click on 'Submit' button	A blank 'Contact Us' page is getting displayed as shown in the attached screenshot	Minor	Po(High)