LOGO - [Company Name]

Test Signoff/Test Closure/Test Summary Report

OpenCart Front-End

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Catalog

1. Introduction

This is to confirm that Systems Integration Testing(SIT) has been performed at localhost environment for Opencart front-end application from dd-Mmm-yy to dd-Mmm-yy.

This document provides the overview of the testing activity along with test metrics for testing of 'Opencart front-end' application.

2. Application Overview

'Opencart' is a web based e-commerce application. Customers can place the orders online for available products using this platform. There are several modules like Registration, Login, Search, Shopping Cart, Payment Gateway and many more which are integrated to fulfill the purpose.

3. Testing Scope

3.1 In Scope

Following modules are within the scope of SIT.
- Register
- Login
- Logout
- Search
- Product Display
- Add to Cart
- Shopping Cart
- Check Out
- Forgot Password
- Home Page
- Wish List
- My Account
- My Account Information
- Change Password
- Address Book
- Order History
- Order Information
- Product Returns
- Downloads

- Reward Points
- Return Requests
- Your Transactions
- Recurring Payments
- Compare Products
- Affiliate
- News Letter
- Contact Us
- Special Offers
- Gift Certificate
- Currency
- Header
- Footer
- Menu

3.2 Out of Scope

Following are out of the scope of SIT.

- Any functionalities not listed under "In Scope"
- Any back end functionalities performed by admin
- Any third party plug-in features
- Payment Gateway
- Test Automation

3.3 Items Not Tested

None.

4. Types of Testing Performed

a) Smoke Testing
This testing was done whenever a Build is received (deployed into Test environment) for Testing to make sure the major functionalities are working fine, Build can be accepted and Testing can start.

b) System Integration Testing
This is the Testing performed on the Application under test, to verify the entire application works as per the requirements.Critical Business scenarios were tested to make sure important functionalities in the application works as intended without any errors.

c) Regression Testing

    Regression testing was performed each time a new build is deployed for testing which contains defect fixes and new enhancements, if any.

    This testing ensures that existing functionalities works fine after defect fix and new enhancements are added to the existing application. Test cases for new functionalities are added and executed.

D) User Interface(UI) Testing

User interface testing is performed to ensure application adhere to given UI specification. The areas covered under UI testing include Visual Design, UI Functionality, Usability, UI Performance and Compliance.

5. Detailed Test Results

Details test results are stored in the below shared folder as a testing evidence.

Folder : \SIT\Opencart\TestExecution

6. Variances

One of the module 'Referral' which was earlier planned for testing has been excluded from this test cycle as requirement has not been finalized and module is not ready for testing. Once the requirement and module is ready for testing it will included in future test cycles.

7. Test Metrics

Below tables indicate summary of test cases and bugs.

Overall Test Cases Summary:

#	Description	Value
1	Total number of test cases Planned	539
2	Total number of test cases Executed	539
3	Total number of test cases Passed	533
4	Total number of test cases Failed	4
5	Total number of test cases Blocked	1
6	Total number of test cases Not Applicable	1
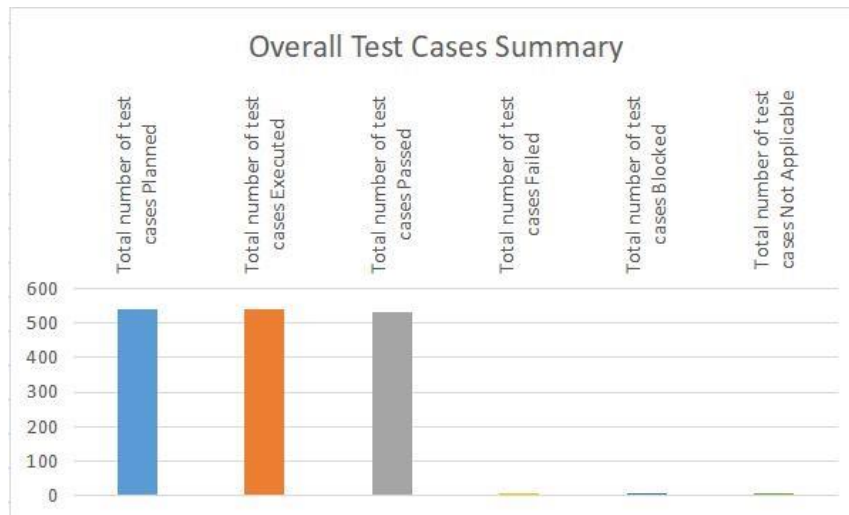
Overall Defects/Bugs Summary:

	Critical	Major	Minor	Total
Closed	112	158	106	376
Open	0	0	4	4
				380
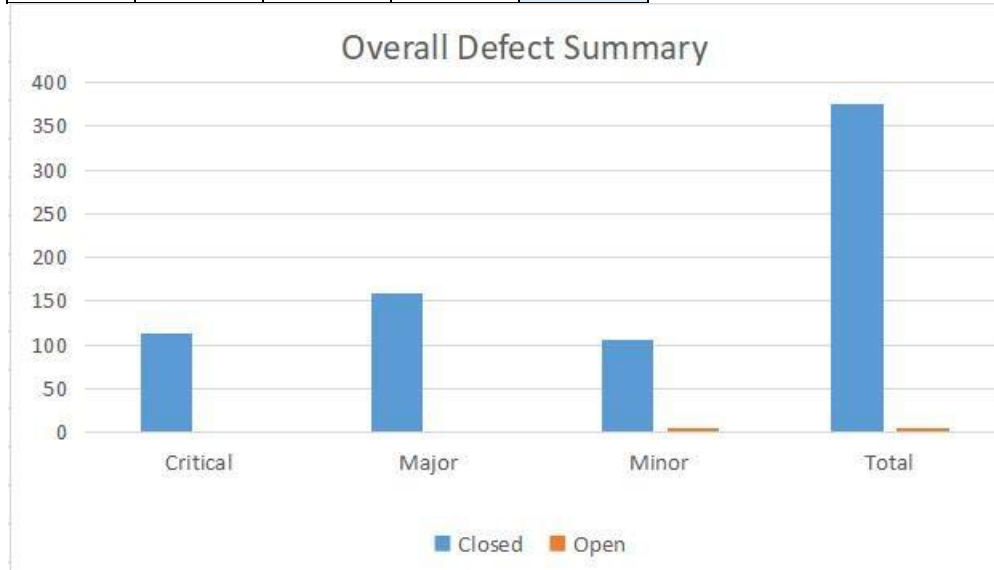
Test Cases Distribution by Module:

#	Functionality	Number of Test Cases	Number Test Cases Passed	Number of Test Cases Failed	Number of Test Cases Blocked	Number of Test Cases Not Applicable	Number of Test Cases Executed	Number of Test Cases Un-Executed
1	Register	30	30	0	0	0	30	0
2	Login	26	26	0	0	0	26	0
3	Logout	12	12	0	0	0	12	0
4	Search	21	21	0	0	0	21	0
5	Product Display	38	38	0	0	0	38	0
6	Add to Cart	11	11	0	0	0	11	0
7	Shopping Cart	34	34	0	0	0	34	0
8	Check Out	21	21	0	0	0	21	0
9	Forgot Password	24	24	0	0	0	24	0
10	Home Page	11	11	0	0	0	11	0
11	Wish List	20	20	0	0	0	20	0
12	My Account	9	3	4	1	1	9	0
13	My Account Informatic	14	14	0	0	0	14	0
14	Change Password	13	13	0	0	0	13	0
15	Address Book	21	21	0	0	0	21	0
16	Order History	12	12	0	0	0	12	0
17	Order Information	8	8	0	0	0	8	0
18	Product Returns	12	12	0	0	0	12	0
19	Downloads	13	13	0	0	0	13	0
20	Reward Points	10	10	0	0	0	10	0
21	Return Requests	17	17	0	0	0	17	0
22	Your Transactions	11	11	0	0	0	11	0
23	Recurring Payments	9	9	0	0	0	9	0
24	Compare Products	24	24	0	0	0	24	0
25	Affiliate	29	29	0	0	0	29	0
26	News Letter	13	13	0	0	0	13	0
27	Contact Us	13	13	0	0	0	13	0
28	Special Offers	16	16	0	0	0	16	0
29	Gift Certificate	11	11	0	0	0	11	0
30	Currency	3	3	0	0	0	3	0
31	Header	7	7	0	0	0	7	0
32	Footer	18	18	0	0	0	18	0
33	Menu	8	8	0	0	0	8	0
	Total	539	533	4	1	1	539	0

Defects Distribution by Module:

#	Module	Critical		Major		Minor	
		Closed	Open	Closed	Open	Closed	Open
1	Register	5	0	4	0	3	0
2	Login	6	0	7	0	8	0
3	Logout	3	0	2	0	1	0
4	Search	4	0	2	0	2	0
5	Product Display	8	0	2	0	2	0
6	Add to Cart	5	0	4	0	3	0
7	Shopping Cart	6	0	7	0	8	0
8	Check Out	3	0	2	0	1	0
9	Forgot Password	4	0	2	0	2	0
10	Home Page	8	0	2	0	2	0
11	Wish List	5	0	4	0	3	0
12	My Account	6	0	7	0	4	4
13	My Account Information	3	0	2	0	1	0
14	Change Password	4	0	2	0	2	0
15	Address Book	8	0	2	0	2	0
16	Order History	5	0	4	0	3	0
17	Order Information	6	0	7	0	8	0
18	Product Returns	3	0	2	0	1	0
19	Downloads	4	0	2	0	2	0
20	Reward Points	8	0	2	0	2	0
21	Return Requests	5	0	4	0	3	0
22	Your Transactions	6	0	7	0	8	0
23	Recurring Payments	3	0	2	0	1	0
24	Compare Products	4	0	2	0	2	0
25	Affiliate	8	0	2	0	2	0
26	News Letter	5	0	4	0	3	0
27	Contact Us	6	0	7	0	8	0
28	Special Offers	3	0	2	0	1	0
29	Gift Certificate	4	0	2	0	2	0
30	Currency	8	0	2	0	2	0
31	Header	3	0	2	0	1	0
32	Footer	4	0	2	0	2	0
33	Menu	8	0	2	0	2	0
	Total (Categorywise)	171	0	108	0	97	4
	Total(Overall)	380					

8. Test Environment and Tools Used

Application is tested on the environments as specified below.

#	Operating System	Browsers
1	Windows 10	Google Chrome, Firefox, Opera, Safari, Edge
2	Mac OS	Safari
3	Android Mobile OS	Chrome
4	iPhone Mobile OS	Safari

Tools used for test management and bug tracking are: Excel, Jira, Bugzilla

9. Lessons Learned

#	Issues	Solutions
1	Initially few team members were not having access project documents shared folder.	Rights obtained by raising request to help desk.
2	Smoke testing test cases required to be executed manually each time.	Smoke test cases were automated and the scripts were run and saved time.
3	Initially, few team members were not having rights to change defect status in defect tracking tool. Test lead needed to perform this task.	Rights were obtained from admin, by explaining the difficulty.

10. Recommendations

- Read only access to testing documents shared folders can be granted to Business Analysts/Product Manager, so that large documents can be easily shared whenever required.

- Admin control for defect management tool can be given to more than one team member/lead so that whenever one team member is on leave related tasks such as providing access and creating objects can be handled by other member.

11. Best Practices

- Business critical scenarios are tested by more than one team member to ensure vital functions working fine.

- Automation scripts were prepared to register new customers, which helped in faster creation of accounts and saved the time.

- Smoke test cases were automated and the scripts were run, which ran fast and saved time.

12. Exit Criteria

#	Criteria	Criteria Fulfilled ?
1	All test cases should be executed	Yes

2	All defects in Critical, Major severity should be verified and closed	Yes
3	There should not be more than 10 open defects in Minor severity and if any open defect proper action plan should be specified to handle those open defects	Yes

13. Conclusion/Sign off

As the Exit criteria was met and satisfied as mentioned in Section 12, this application is suggested to 'Go Live' by the Testing team. Appropriate User/Business acceptance testing should be performed before 'Go Live'.

14. Terms/Acronyms

#	Terms/Acronyms	Definition
1	UI	User Interface
2	SIT	System Integration Testing
3	OS	Operating System

15. Test Sign off

Signed off by			
Name	**Position**	**Signature**	**Date**
Tester	Position 1	Sign1	Date1
Test Lead	Position 2	Sign2	Date2
Test Manager	Position 3	Sign3	Date2

Business Analyst	Position 4	Sign4	Date2
Product Manager	Position 5	Sign5	Date2
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…	..	..	..
…	..	..	..
..	..	..	..
….	..	..	..