Test Plan

Introduction

The test plan is designed to prescribe the scope, approach, resources of all testing activities of the online shopping project.

This plan identifies the items to be tested, testing type to be performed & resource required to compete testing.

Scope

1. Admin

To verify user is registered or not.

1. Product Catalog

Once product is selected then relevant category of that product should display.

1. Order processing

To check particular selected product to be add/canceled from cart as per choice.

1. Shopping cart

To check the selected items are added into cart & also canceled items are removed from cart.

1. Billing

To check total billing is correct as per product unit price & also payment is done by customer choice like by debit/by credit/by net-banking.

1. Customer

The changes will made related to customer data & his order. It shall be reflected in database as well.

1. Portability

The software is working on any OS or Server to be check.

Out of Scope

1.Hardware Interface

2.Software Interface

3.Security

Quality Objective

The test objective is to verify the functionality of website of online shopping project. To focus on testing the online shopping operations like order, add product, delete product, shipping, billing etc. to ensure that all these operations are work correctly/normally in real environment.

Roles and Responsibility

1.Test Manager

To manage whole project, acquire appropriate resources.

2.Developer in Testing

Implement test cases, test programs, test suit.

3.Configration Manager

To manage the configuration team which is configure the servers.

4.Installation Team

Installation of applications are done work properly which needs for project.

Test Methodology

For this project Agile method used because following are adv of this method:

1.Customer satisfy by rapid & continuous delivery of this software.

2. Changes in the requirement is also accepted.

3. Customer, developer & tester constantly interact with each other.

Test Levels

In this project following testing are used,

1. Integration testing

e.g. shopping cart & order processing

2. System Testing

Test Completeness

* Specify the criteria that denote a successful completion of test phase.
* Run rate mandatory is 100% unless a clear reason is given.
* Pass rate is 80% achieving is mandatory.

Testing Tools

1. Server

Requires capable database like MySql, Oracle.

2.Test Tool

Automated test execution tool.

3.Network

Test Environment

To be setup database, windows 7 or above.