**Change Log**

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| --- | --- | --- | --- |
| **Version** | **Change Date** | **By** | **Description** |
| 1.0 | 22-Jan-2023 | Parth Patel | Updated Environment Requirements |
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**Table of Contents**

1. Introduction………………………………………………………………………………………………………………………………………2
   1. Test Plan Objective…………………………………………………………………………………………………………………… 2
2. Resources………………………………………………………………………………………………………………………………………....2
   1. Environment………………………………………………………………………………………………………………………………2
   2. Testing Tools……………………………………………………………………………………………………………………..………2
3. Requirements……………………………………………………………………………………………………………………………………3
   1. In Scope…………………………………………………………………………………………………………………………….………3
   2. Out of Scope……………………………………………………………………………………………………………………………..3
4. Types of Testing.……………………………………………………………………………………………………………………………….3
5. Time & Cost Estimation……………………………………………………………………………………………………………………..4
6. Risk Analysis……………………………………………………………………………………………………………………………………...4
7. Suspension Criteria…………………………………………………………………………………………………………………………...4
8. Resumption Criteria…………………………………………………………………………………………………………………………..4
9. Deliverables………………………………………………………………………………………………………………………………………4
10. Approvals/Sign offs……………………………………………………………………………………………………………………………4
11. **Introduction**

‘Amazon’ wants to give ‘Online Products/Services Buying and Selling Solution for various organizations like production-oriented Industries, Services based Companies and Distributors through this Project.

* 1. **Objectives**

The purpose of creating the Test Plan is as follows:

* Define the activities required for testing
* Define Resources, Environment and Deliverables
* Elaborate Requirement Analysis
* Communicate to all responsible parties about various Dependencies and Risks
* Provide insight to the testers about the test strategy to follow throughout the process

1. **Resources**

It mentions the minimum required Hardware and Software specifications that will be used to test the Web Application.

* 1. **Environment**
* **OS:** Windows XP and above
* **M.S.Office:** 2013 and above
* **RAM:** 6GB
* **Browsers:** Google Chrome, FireFox
* **Internet:** 50Mbps and above
* **Workstations:** 4 PCs (Dell/ Lenovo)
  1. **Testing Tools**
* Eclipse IDE
* MySQL
* QTP
* HP Quality Center 10.0
* JIRA

1. **Requirements**
   1. **In Scope**

* User Should be able to create account
* Already existing user can view and access account information
* ‘Your Orders’ module must display all past orders
* In ‘your Orders’ module, one should get option of: Buy Again, Not yet Shipped and Cancelled Orders
* User must be able to add/ edit the address information in ‘Your Address’ module
* Customer must be allowed to update/ADD/Delete the Login information like name, cell phone number, etc.
* Customer must be able to add/manage payment method in ‘Your Payments’ module
* Search, Sort, Filtering, Pagination facilities should be working separately as well as in combination of each other or all at a same time
* User should be able to navigate through all the pages and also can buy the products without login
* Add/Update/Delete items in the Cart
* Payment feature will help portal owners to pay for the products placed in their carts
  1. **Out of Scope**
* Coupons’ section
* Multi-currency support
* Dynamic shipping calculation
* National/global shipping options
* Pre-integration with leading real-time shipping carriers
* Free shipping based on amount, weight and quantity
* OTP Functionality
* Checking email to identify if the user is returning customer or not

1. **Types of Testing**

* Unit Testing
* Integration Testing
* Exploratory Testing
* System Testing
* Regression Testing
* UAT (User Acceptance Testing)

1. **Time and Cost Estimation**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task** | **Member** | **Work(Est. Hours)** | **Cost per Hour** |
| Create Test Specification | Test Designer | 60 | $30 |
| Test Execution | Testers | 80 | $40 |
| Test Report | Testers | 20 | $40 |
| Document Delivery | Testers, Designer | 10 | $60 |
| Manage the project and Acquire Resources | Test Manager | 80 | $60 |
| **Total** |  | **250 hours** | **$230** |

1. **Risk Analysis**

* Change of Requirements: Communication with the team and updating the test plan document is mandatory to facilitate COR successfully
* Unsolved Defects: To mitigate this type of risk, a technical team meeting should be arranged once a week
* Improper test data: Technical Reviews should be performed twice before the sprint completion

1. **Suspension Criteria**

If the team members report that there are **40% of test cases failed**, suspend testing until the development team fixes all the failed cases.

1. **Resumption Criteria**

If the Pass rate of the failed test cases reaches **80%,** resume testing.

1. **Deliverables**

* Test Plan Document
* Test Cases
* Test Strategy
* Defect log
* RTM
* Customer Sign off

1. **Approvals**

Sign off from Responsible Stakeholders