**TEST PLAN**

1.Test strategy

1.1 Scope of Testing

|  |  |  |
| --- | --- | --- |
| Module Name | Applicable Roles | Description |
| User registration | User  Admin  Mangers | User can able to enter details.  Admin can able to enter the details.  Manager can only view the details of user. |
| Login/Sign in | User  Admins  Mangers | User can able to login to the application.  Admin can able to login to the application.  Manager can able to login to the application. |
| Home Page(search functionality) | User  Admins  Mangers | User,admin and manger can able to use the home page functionality |
| Add to cart | User  Admins  Mangers | User,admin and manger can able to add the items to the cart |
| Add Address | User | User can able to add and edit address. |
| Payment | User  Admins | User can able to make payment  Admin can able to make payment confirmation |

2.Objective

The objective is to test the modules of the amazon application to verify the registration, log in, home page and search bar functionalities, add to cart, add address and payment functionality.

3.Test type

Do smoke testing, Component testing, Integration testing, System testing, ,Usability, regression ,Adoc ,beta testing, and UAT.

4.Test Criteria

1.Entry criteria

Requirement specification should be ready. RTM, Test plan, Test case Template, Test cases, Estimation, Test strategy should be ready before execution. TE1(Megha O V) is assigned to all modules

Test case Template

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SL.No | Test case Name | Test case ID | Test case Description | Type of scenario | Test data | Test steps | Expected result | Actual result | Status |
| Defect ID | Tester | Planned execution date | Actual Execution date | comments |  |  |  |  |  |

2.Exit criteria

No extreme and critical defects found. Stable build with basic features working.

5.Resource Planning

System Resource

|  |  |  |
| --- | --- | --- |
| No | Resources | Description |
| 1 | Server | Need a Dtabase server MySql,webserver Apach JMeter  OS Windows |
| 2 | Defect tracking tool | JIRA |
| 3 | Network | Setup a LAN with atleast 5Mb/s |
| 4 | Computer | 6 computers run Windows 10 |

Human Resource

|  |  |  |
| --- | --- | --- |
| NO | Resources | Description |
| 1 | Test Manager | Prepare test plan, |
| 2 | TE | Write test cases.execute.prepare bug report |

6.Test Environment

Hardware , software. and network environment in proper.

7.Test Schedule

System study-starts on 16/12/22 complete in 2 story points

Write test cases-1 sprint

Execution-20 story points

Release date-jan 20,2023

8.Test Deliverables

Before testing phase

Test plan document

Test case documents

Test design specification

During testing

Defect tracking tool-jira

Error and Execution logs

After testing