**Test Strategy**



Version 21.21.0

Date may,31st 2021

**Document Details:**

| Title | H & M ONLINE FASHION , HOMEWARE & KIDS CLOTHES |
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| Version | 21.21.0 |
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| File Name | H & M REPORT |
| File Location | https://drive.google.com/folderview?id=1Lp3vwRwbifvgNLNrc1a8kEqUBd1YHCOK |
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| Contributor | Belinda,Deepak,Gokul,Sindhu,Shivani |

**Document Reference:**

| Document Name | File Location |
| --- | --- |
| H & M Test Report | https://drive.google.com/folderview?id=1Lp3vwRwbifvgNLNrc1a8kEqUBd1YHCOK |

1. Scope and overview:

H&M is a multinational clothing-retail company known for its fast-fashion clothing for men, women, teenagers, and children. As of November 2019, H&M operates in 74 countries with over 5,000 stores under the various company brands, with 126,000 full-time equivalent positions.[2] It is the second-largest global clothing retailer, behind Spain-based Inditex (parent company of Zara) .Founded by Erling Persson and run by his son Stefan Persson and Helena Helmersson, the company makes its online shopping available in 33 countries.

2. Test Approach:

In this section, we usually define the following

Test levels

\* Component test

\* Integration test

\* System testing

\* Acceptance testing

* Test types
* Roles and responsibilities
* Environment requirements

3. Test Levels:

* Component test: Testing each component in modules such as login , registration, home page,product description, Favourites, Shopping bags etc.
* Integration testing: Testing the integration between each module such as login page, home page, products ,favourites etc.
* System testing: Testing the whole applications.
* Acceptance testing: Testing the acceptance of user in the application

4. Test Types:

Black box Testing : Testing each model with all possibilities of inputs and outputs and their result. To check this actual output with accepted output.

5. Roles and Responsibilities

| **Role** | **Responsibilities** |
| --- | --- |
| Project Manager | Anu Meha Mam |
| Project Lead | Gokul |
| QA | Gokul,Sindhu,Shivani,Belinda,Deepak |

6. Environment requirements:

**Hardware Configuration:**

O/S : Windows 10.

Processor : 1 GHz,intel i3.

Ram : 4 Gb.

Hard Disk : 1 tb

**Software Configuration:**

Browser : Chrome,Firefox.

7. Testing tools:

Selenium.

8. Industry standards to follow:

CMMI(Capability Maturity Model Integration)

9. Test deliverables:

\* Business Requirement Documentation.

\* Functional Requirement Documentation.

\* Requirement Traceability Matrices.

\* Test Strategy requirement.

\* Test Case Requirement.

10. Testing metrics:

Product Metrics.

Process Metrics.

11. Requirement Traceability Matrix:

Requirement traceability matrix is used to trace the requirements to the tests that are needed to verify whether the requirements are fulfilled.

12. Risk and mitigation

| **S.No** | **Risk** | **Mitigation Plan** | **Impact** |
| --- | --- | --- | --- |
| 1 | In adding button | We used explicit wait | Consumed excess time and effort |

13. Reporting tool:

Jira.

14 Test summary:

We have executed some of the test cases and given the results.

15. Approvals:

The following people are required to approve the Test Strategy

| **Approved By Role** | **Approved By Name** |
| --- | --- |
| Project Coordinator | Anu Meha |
| Team members | Deepak,Belinda,Gokul,Sindhu,Shivani |