**Test Strategy**

Quipu/Automation Practice

Version 1.0

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**Document Control:**

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# 1. Scope and overview:

# Creating a new Application which offers an online shop for fashion product. Test the functionality and features and make sure it gives value to the customer.

# 2. Test Approach:

# In this section, we usually define the following

# Test levels

# Test types

# Roles and responsibilities

# Environment requirements

# 3. Test Levels:

# Levels of testing such as unit testing, integration testing, system testing and user acceptance testing.

# 4. Test Types:

# This section lists out the testing types that will be performed during QA Testing.

# 5. Roles and Responsibilities

|  |  |
| --- | --- |
| **Role** | **Responsibilities** |
| Test Manager | TBD |
| Test Lead | TBD |
| Test Analyst | TBD |

# 6. Environment requirements:

# Hardware and software ware requirements

# 7. Testing tools:

# JIRA - Test Management and Defect tracking

* Selenium - Test Automation
* Confluence- used to store all test relevant documentation, e.g., Test Plan

# 8. Industry standards to follow:

This section describes the industry standard to produce high quality system that meets or exceeds customer expectations.

# 9. Test deliverables:

# Test Cases

* Test scripts for Automation
* Defect Report
* Test Summary Report

# 10. Testing metrics:

# KPI Metrics – To measure the test effectiveness and the test automation effectiveness

# 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 | Availability of application due to unexpected downtimes | Be aligned to product owner on the release dates | Testing timelines |

# 13. Reporting tool:

# JIRA will be the reporting tool for this project.

# 14 Test summary:

Test summary will be consist of,

# No of Features delivered and tested

* No of TCs pass/fail/no run/blocked
* No of Defects reported with status and priority

# 15. Approvals:

The following people are required to approve the Test Strategy

|  |  |
| --- | --- |
| **Approved By Role** | **Approved By Name** |
| Test Manager | Basheer |