TEST PLAN FOR AMAZON PROJECT

1. Test Plan ID

- SB_Amazon

2. Introduction

- This Test Plan outlines the testing strategy for the Amazon Project. It covers the testing of key modules to ensure the software's functionality and reliability.

3. Test Items

- Modules/Functions/Services/Features:
    - Search
    - Navigation
    - UI Design

4. Features to Be Tested

- TC_001: Validate the Amazon application to search for an item.
- TC_003: Validate the Amazon application for the footer links.
- TC_004: Validate the Amazon application for the list of countries in the footer page.
- TC_005: Validate the Amazon application for the total number of hyperlinks present on the page.
- TC_006: Validate the logo present on the Amazon homepage.

5. Features Not to Be Tested

- Previous version features not included in this release.

6. Approach

- Testing Techniques: Functional Testing.

7. Features Pass/Fail Criteria

- TC_001:
    - Pass: All Test Cases pass without critical defects.
- TC_003:
    - Pass: All Test Cases pass without major defects.
- TC_004:
    - Pass: Test Case passes without critical defects.
- TC_005:
    - Pass: All Test Cases pass without critical defects.

- TC_006:
    - Pass: All Test Cases pass without critical defects.

8. Suspension Criteria

- Testing will be suspended if:
    - Critical defects halt testing progress.
    - Technical issues with the project environment prevent testing.

9. Test Environment

- Hardware: Computer with minimum hardware requirements that support to run the tools.
- Software: Computer with minimum software requirements that support to run the tools.
- Testing Tools: Katalon Studio, Katalon Runtime Engine, Github, Jenkins, Java Development Kit (JDK).

10. Test Deliverables

- Test Case Scenarios
- Test Procedures
- Test Log
- Test Report

11. Test Tasks

- Before starting testing:
    - Requirement analysis
    - Test environment setup
    - Test case preparation

12. Staff and Training Needs

- Training Sessions: Technical Training Session on Software testing.

13. Responsibilities

- Work allocation in terms of test engineers Vs Modules.

14. Schedule

[Specify dates and times for testing phases]

15. Risks and Mitigations

Risks:

- Incomplete requirements
- Unavailability of test data

Mitigations:

- Regular communication with stakeholders
- Test data generation plan

16. Approvals

- Test Plan Author: Dr. T. Mamatha