TEST PLAN DOCUMENT FOR AMAZON WEBSITE APPLICATION:

1. Test Plan ID: AWA_ST_TP_001
2. Introduction:
    - The project report delves into Amazon's testing initiatives for its e-commerce services, emphasizing website functionality, requirement fulfillment, and user experience enhancement.
    - Encompassing testing objectives, scope, approach, test environment, and conducted activities, the report provides a comprehensive overview.
    - Outcomes analysis scrutinizes successes and pinpoints areas for improvement in Amazon's e-commerce platform.
    - In the conclusion, recommendations are presented to enhance overall performance, leveraging insights derived from the conducted tests.

3. Test Items:
    - User Registration
    - Sign in Interface
    - Item Search
    - Cart Addition
    - Orders

4. References:
    - Requirements
    - Project Plan
    - Test Strategy
    - Use cases (if available)
    - High-level Design Documents
    - Low-Level Design Documents
    - Process Guideline document

5. Features to Be Tested:
    - User Registration
        - I. Your Name
        - II. Mobile Number
        - III. Password
        - IV. Verify the Mobile Number button
    - Sign in Interface

- I. Email or mobile phone number
- II. Continue button
- III. Password
- IV. Sign-in button
- Item search
  - I. 1. Category
  - II. Search Bar
  - III. Magnifier button
- Cart Addition
  - I. Add to cart button
  - II. Go to cart button
  - III. Quantity drop down
  - IV. Gift Pack Check box
  - V. Delete
- Orders
  - I. Order Confirmed/Conformation

6. Features Not to Be Tested: NA
7. Approach: BVA, Equivalence Partition, Regression Testing, Random Testing
8. Entry Criteria:
   - Test Design:
     - I. Team formation, Responsibilities, Schedule, Requirements, test case template
     - II. Training on the domain, automation tools
   - Test Execution
     - I. Readiness of Test tab
     - II. Readiness of AUT
     - III. Requirements
     - IV. Test case Documents
     - V. Test Data
     - VI. Defect Report Template
     - VII. Etc….
9. Exit Criteria:
   - All possible test cases executed
   - Maximum defect fixed, final regression performed successfully
   - Confidence in the test process
   - Time limitations
   - Budget limitations
10. Suspension Criteria: Nil

11. Test Environment:
- AUT Environment:
    i. Support all front-end frameworks: ReactJS, AngularJS, VueJS
    ii. Cross-browser compatibility: Chrome, Firefox, Safari, Edge
- Server side Environment
    i. Version 120.0.6099.225 (Official Build) (64-bit)

12. Test Deliverables:
- Test Plan
- Test Cases
- Test Log
- Test Summary Reports

13. Responsibilities:

S.No	Name	Role	Responsibilities	Remarks
1	D.V.P. Ananya	Test Lead	Test planning, guidance, Monitoring, and test control	
2	D.V.P. Ananya	Tester	Test data collection, Generating test scenarios	
3	D.V.P. Ananya	Tester	Test case documentation, test execution, defect reporting, and tracking for the admin module	
4	D.V.P. Ananya	Tester	Test case documentation, test execution, defect reporting and tracking for Personal banking module	
5	D.V.P. Ananya	Test Manager	Oversees the entire testing process, Manages and mentors the testing team, and Provides testing status reports to stakeholders.	
6	D.V.P. Ananya	Security Tester	Conducts security assessments to identify vulnerabilities, Performs penetration testing on applications and networks, and Recommends security measures to address vulnerabilities.	

14. Schedule:

S.NO	TASK	DAYS	DURATION	REMARKS
1	Understanding and Analyzing requirements	2	9th January and 10th January	
2	Review meeting	1	10th January	
3	Generating Test scenarios	2	11th and 12th January	

4	Reviews	1 1/2	13th and 14th January	
5	Test case Documentation	1	14th January	
6	Reviews	1	15th January	
7	Test data collection	1	16h January	
8	Reviews	1	17th January	
9	Verifying Test Environment Setup	1	18th January	
10	Create Test Batches	1	19th January	
11	Sanity Testing	1	20th January	
12	Comprehensive testing	1	21st January	
13	Selecting test cases	1	22nd January	
14	Regressing test cases	1	23rd January	
15	Selecting test cases	1	24th January	
16	Regression Testing cycle-2	1	25th January	
17	Final regression	1	26th January	
18	Evaluating exit criteria	1	26th January	
19	Collecting all artifacts	1	27th January	
20	Test summary Report	1	28th January	

15. Training:
- Training program on E-Commerce Domain
- Test Automation Training Using Katalon Tool

16. Risks and Mitigations: Nil

17. Approvals:

SNO	TASK/S	AUTHOR/ RULE	DATE & SIGNATURE
1	Test plan documentation	Mamatha (Test Lead)	
2	Review	Smart Interz Team	
3	Approval	Smart Bridge Team	

18. Glossary:
- BVA - Boundary Value Analysis