TEST PLAN DOCUMENT FOR AMAZON WEBSITE APPLICATION

1. **Test Plan ID:** AWA_ST_TP_001
2. **Introduction:**
   - The report centers on Amazon's testing activities related to its e-commerce services.
   - The primary goals of testing include ensuring website functionality, meeting specific requirements, and enhancing the overall user experience.
   - The report is structured to cover testing objectives, scope, approach, test environment, and the specific activities conducted during the testing phase.
   - The scope involves various aspects of Amazon's e-commerce platform, emphasizing a thorough evaluation of its functionality.
   - The report includes an analysis of outcomes, highlighting both successes and areas for improvement identified during the testing phase.
   - The outcomes analysis serves as a basis for continuous improvement, allowing Amazon to refine and optimize its e-commerce platform.
   - The report provides a holistic view of Amazon's testing process, emphasizing the importance of quality assurance in delivering a seamless user experience.
3. **Test Items:**
   - Registration
   - Sign in user interface
   - Search item
   - Add item to cart
   - Orders
4. **References:**
   - User Requirements Documents
   - Project Plan
   - Test Strategy
   - Use cases (if available)
   - High-level Design Documents
   - Low-Level Design Documents
   - Process Guideline document
5. **Features to Be Tested:**
   - Registration
     1. Your Name
     2. Mobile Number
     3. Password
     4. Verify the Mobile Number button

- Sign in Interface
    1. Email or mobile phone number
    2. Continue button
    3. Password
    4. Sign-in button

- Search item
    1. Category
    2. Search Bar
    3. Magnifier button
- Add to cart
    1. Add to cart button
    2. Go to cart button
    3. Quantity drop down
    4. Gift Pack Check box
    5. Delete button
- Orders
    1. Order Confirmed

6. **Features Not to Be Tested:** NA
7. **Approach:** BVA, Equivalence Partition, Regression Testing, Random Testing
8. **Entry Criteria:**
    - Test Design:
        - Team formation, Responsibilities, Schedule, Requirements, test case template
        - Training on the domain, automation tools
    - Test Execution
        - Test case Documents
        - Readiness of Test tab
        - Readiness of AUT
        - Requirements
        - Test Data
        - Defect Report Template
        - Etc….

9. **Exit Criteria:**
    - All possible test cases executed
    - Maximum defects fixed, final regression performed successfully
    - Confidence in the test process
    - Time limitations
    - Budget limitations
10. **Suspension Criteria:** Nil
11. **Test Environment:**
    - **AUT Environment:**

        Support all front-end frameworks: ReactJS, AngularJS, VueJS

Cross-browser compatibility: Chrome, Firefox, Safari, Edge

- **Server side Environment**

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	Chandan Kumar Mallick	Test Lead	Test planning, guidance, Monitoring, and test control	
2	Chandan Kumar Mallick	Tester	Test data collection, Generating test scenarios	
3	Chandan Kumar Mallick	Tester	Test case documentation, test execution, defect reporting, and tracking for the admin module	
4	Chandan Kumar Mallick	Tester	Test case documentation, test execution, defect reporting and tracking for Personal banking module	
5	Chandan Kumar Mallick	Test Manager	Oversees the entire testing process, Manages and mentors the testing team, and Provides testing status reports to stakeholders.	

6	Chandan Kumar Mallick	Security Tester	Conducts security assessments to identify vulnerabilities, Performs penetration testing on applications and networks, and Recommends security measures to address vulnerabilities.	

14. Schedule:

SNO	TASK	DAYS	DURATION	REMARKS
1	Understanding and Analyzing requirements	1	10th January	
2	Reviews	1	11th January	
3	Generating Test scenarios	1 1/2	11-12th January	
4	Reviews	1/2	12th January	
5	Test case Documentation	1	13th January	
6	Reviews	1/2	14th January	
7	Verifying Test Environment Setup	1 1/2	14-15th January	
8	Create Test Batches	2	15-17th January	
9	Sanity Testing	1	18th January	
10	Comprehensive testing	1	19th January	
11	Selecting Test Cases	1	20th January	

12	Regressing Testing	1	21st January	
13	Selecting Test Cases	1	22nd January	
14	Regression Testing Cycle -2	1	23rd January	
15	Final Regression	1	24th January	
16	Evaluating Exit Criteria	1	25th January	
17	Collecting all artifacts	1	26th January	
18	Test Summary Report	1	27th January	

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

16. **Risks and Mitigations:** Nil

17. Approvals:

SNO	TASKS	AUTHOR/ RULE	DATE & SIGNATURE
1	Test plan documentation	Mamatha	
2	Review	SmartInternz Team	
3	Approval	Smart Bridge Team	

18. Glossary:
- **BVA - Boundary Value Analysis**