TEST PLAN DOCUMENT FOR AMAZON WEBSITE APPLICATION:

1. **Test Plan Id:** AAP_ST_TP_001
2. **Introduction:**
   - A comprehensive project report on Amazon's e-commerce testing efforts.
   - Emphasis on assuring website functionality, meeting criteria, and improving the user experience.
   - Addresses testing objectives, scope, approach, test environment, and conducted activities.
   - The review of Amazon's e-commerce platform highlights both triumphs and places for development. The recommendations aim to improve overall performance based on test findings.
   - Emphasis on testing important website functionalities such product browsing, search, shopping cart, checkout, payment processing, and order confirmation.
3. **Test Items:**
   - Registration
   - Sign in interface
   - Search item
   - Add to cart
   - Orders
4. **References:**
   - Requirements
   - Project Plan
   - Test Strategy
   - Use cases (if available)
   - High level Design Documents
   - Low Level Design Documents
   - Process Guide line document
   - Prototypes
5. **Features to be tested:**
   - Registration
     - Your Name
     - Mobile Number
     - Password
     - 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
- 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 domain, on automation tools
   - Test Execution
     - Readiness of test tab
     - Readiness of AUT
     - Requirements
     - Test case Documents
     - Test data
     - Defect Report Template Etc…
9. **Exit Criteria:**
   a. All possible test cases executed
   b. Maximum defect fixed, final regression performed successfully
   c. Confidence on test process
   d. Time limitations
   e. 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	Yagna Sai Pravallika J	Test Lead	Test planning, guidance, and overall test control	
2	Yagna Sai Pravallika J	Sr. Tester	Test data collection and generation of test scenarios	
3	Yagna Sai Pravallika J	Tester	Test case documentation, execution, defect reporting, and tracking for admin module	
4	Yagna Sai Pravallika J	Tester	Test case documentation, execution, defect reporting, and tracking for Personal banking module	
5	Yagna Sai Pravallika J	Test Manager	Oversees the entire testing process, manages and mentors the testing team, and provides testing status reports to stakeholders	
6	Yagna Sai Pravallika J	Security Tester	Conducts security assessments, performs penetration testing on applications and networks, recommends security measures	

14. Schedule:

SNO	TASK	DAYS	DURATION	REMARKS
1	Understanding and Analyzing requirements	1	10th Jan	
2	Review meeting	1	11th Jan	
3	Generating Test scenarios	1	11th Jan	
4	Reviews	1	12th Jan	
5	Test case Documentation	1 1/2	13th Jan to 14nd Jan	
6	Reviews	1/2	14th Jan	
7	Test data collection	1	15th Jan	
8	Reviews	1	16th Jan to 17nd Jan	
9	Verifying Test Environment Setup	1	18th Jan	
10	Create Test Batches	1/2	19th Jan	
11	Sanity Testing	1/2	19th Jan	
12	Comprehensive testing	1	20th Jan	
13	Selecting Test Cases	1	21th Jan	
14	Regressing Testing	1	22nd Jan	
15	Selecting Test Cases	1	23th Jan	
16	Regression Testing cycle -2	1	24th Jan	
17	Final Regression	1	24th Jan	
18	Evaluating Exit Criteria	1	25th Jan	
19	Collecting all artifacts	1	26th Jan	
20	Test Summary Report	1	27th Jan	

15. Training:

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

16. Risks and Mitigations: NA

17. Approvals:

SNO	TASK/S	AUTHOR/ RULE	DATE & SIGNATURE
1	Test plan documentation	Mamtha (Test Lead)	
2	Review	Hari Prasad (Quality analyst)	
3	Approval	Vinod Rao (Project Manager)	

18. Glossary :

- BVA - Boundary Value Analysis