Test Plan Document

Test Plan Identifier:-
- VWO_TP_25_V.1.0

Reference:-
- https://app.vwo.com
- Open_AI

Introduction:-
About Company: VWO (Visual Website Optimizer) is a digital experience optimization platform that offers tools for A/B testing, personalization, session recordings, and funnel analysis. It helps businesses in websites, apps, and server-side applications optimization to improve conversions and customer engagement through data-driven decisions.

Test Items: -
1. Sign Up Page
2. Account Creation
3. Login Page
4. Dashboard

Scope & Focus Areas: -
In-Scope:
- VWO Testing – Web Product Integration testing
- Functional Testing from Signup followed by Login & Dashboard
- User Interface (UI) like Login page view, fields alignment & Dashboard view
- Compatibility Testing like App view in Cross browser and device
- Performance Testing (Load and Stress Testing)
- Security Testing for user data privacy
- Usability testing

Out of Scope:
- VWO Insights – Web
- VWO Insights – Web
- VWO Insights - Mobile App
- VWO Personalize – Web
- VWO Rollouts – Web
- VWO Feature Management
- Backend server infrastructure

Approach: -
1. **Levels of Testing**
   a. Unit Testing: Ensuring Data & Individual features flow in modules
   b. Integration: Ensuring the flow of modules
   c. System Testing: Ensuring the End to End flow from Login to Dashboard view
2. **Testing Method**
   a. Black Box and White Box
3. **Types of Testing**
   a. Functional
      i. Smoke Testing: Ensure the early build is ready for UAT

ii. Sanity Testing: Ensure the build is working as expected without going deep
iii. Re-testing: Ensure the revalidate the fixes
iv. Regression Testing: Impact of changed part on unchanged part
b. Non-Functional
i. Usability: Ensure the Web app should be user friendly
ii. User Interface: Ensure view & alignment match with customer requirement
iii. Performance: Ensure the Web page can response quickly, and handle multiple users at a time
iv. Compatibility: Ensure the Web App should work across various browsers and devices

Test Deliverable: -
- Test Plan Document
- Test Scenarios Document
- Test Cases Sheet
- Defect Report
- Execution Log

Test Environment: -
- **Device Type: Laptop & Mobile**
- **Hardware:**
  - Laptop: 16GB RAM, i7 Processor, 256 GB SSD
  - Mobile: 16GB RAM, 3.0 GHz Dimensity 1300 Octa-core Processor, 128 GB
- **OS:**
  - Laptop: Windows 11 Pro
  - Mobile: Funtouch OS
- **Browser:** Google Chrome, Mozilla Firefox & Edge
- **Network:** ION
- **Bandwidth:** 40mbps
- **Database:** HTML, CSS, JavaScript, Python, SQL & Others

Software Risk Issues: -
- Performance Issue
- Security Issues
- User Interface issue
- Unsatisfied Built (Different from customer requirement)
- Build URL is not redirecting to the Webpage

Risk & Contingency:-
Risk
- Tester leave the job between testing process
- Communication barrier between team
- Build not received on time
- Not having proper or continuous changes in client requirement
- Platform downtime or unavailability during testing.
- Performance issues under high load.
- Compatibility issues across different browsers and devices.

Contingency
- Should have always a backup tester
- Should have daily/ weekly team meeting (For better understanding of requirements, problems)
- Should have proper planning (Documented) for all the process from development to release
- Should have final BRD as per client requirements before Development
- Work with the VWO DevOps team to schedule testing during off-peak hours.
- Perform load testing early and work with the development team to optimize code and infrastructure.
- Test across multiple browsers and devices early in the test cycle.

Schedule:-

Phase/ Activity	Start Date	End date	No. of Days
Test Plan Creation	05-03-25	05-03-25	1
Test Scenario Creation	06-03-25		
Test Case Creation	06-03-25		
Test Case Execution			
Defect Report			

Suspend & Resume Criteria: -
Suspend Criteria
- Not having proper back up planning
- If high severity defect is there
- Too much Changes
- Developer team taking too much time to fix the defect

Resume Criteria
- Always take incremental backup & store it at a safe & secure place.
- After fixing the high severity defect and checking whether that changes not affect other part of application we can resume the process
- Doing too much changes after starting the development, it can arise many defects, so after getting proper documented requirement then we can resume the further process.
- Developer team should fix the defects within scheduled timeframe can help to resume the further criteria.

Item Pass, fail Criteria:-
- All the test case should be executed properly as per test case document.
- Maximum test cases should be passed and failed test cases should not be a priority
- Delivered product should be a quality product which should be satisfy customers requirement
- Application should be user friendly
- All the test Deliverables should be Updates.

Roles & Responsibility: -
Testers: QA engineers, developers (for integration testing)

Activity	Name of Tester	Designation
Testing	Mr. Pramod/ Mr. Sudhansu/ Mr. Mihir	QA Engineer
Development	Mr. Abhishek & Mr. Prasad	Developer

Staffing & Training:-

Employee Name	Designation	Product/ service Type	Tools	Using For
Mr. Pramod/ Mr. Sudhansu/ Mr. Mihir	QA Engineer	Digital Platform/ Web Application	MS-Excel, Jira, JMeter, Selenium, Snipping Screenshot Tool	Test Plan, Test Scenario, Test Case, Bug tracking & defect raising

Approval:

Document Types	Approver	Designation	Date	Sign
Test Plan	Mr. Pramod Datta	Test Lead		
Test Scenarios	Mr. Pramod Datta	Test Lead		
Test Cases	Mr. Pramod Datta	Test Lead		
Reports	Mr. Pramod Datta	Test Lead		