Test Plan for VWO A/B Testing Web Application

Product Details

- Application: VWO (Visual Website Optimizer) A/B Testing Platform

- Created by: Kartik Ch

- Objective: To ensure the quality, functionality, and performance of the VWO application across all supported platforms.

Scope

Features and Functionalities to Test:

- Login and Authentication

- Dashboard Navigation

Types of Testing:

- Manual Testing

Environments:

- Browsers: Chrome, Firefox, Edge, Safari

- OS: Windows 10, macOS, Android (Chrome), iOS (Safari)

- Devices: Desktop, Laptop, Mobile (Responsive Testing)

- Networks: Wi-Fi, Cellular

Success Criteria:

- All high-severity bugs fixed

- 95%+ Test Case Pass Rate

- Timely delivery of test reports

- Positive stakeholder/user feedback

Roles & Responsibilities:

- Test Lead: Planning, Coordination, Reporting

- QA Engineers: Execution, Bug Reporting

- Developers: Fixing defects

Schedule & Milestones:

Task	Date Range
Test Plan Creation	Sprint 1 Week 1
Test Case Creation	Sprint 1 Week 1-2

Task	Date Range
Test Execution	Sprint 2
Final Report	Sprint 2 End

Tools:

- Snipping Tool

- Mind Mapping Tool

- Word/Excel

Inclusions

- Introduction

- Test Objectives

- Login

- Dashboard Page

- Create Account

Exclusions

- Support Page

- Support Widget (ZOHO Chat)

Test Environments

Name	Env URL
QA	qa.vwo.com
Pre-Prod	preprod.vwo.com
UAT	uat.vwo.com
Production	app.vwo.com

Browsers/OS/Devices

- Windows 10: Chrome, Firefox, Edge

- macOS: Safari

- Android: Chrome

- iOS: Safari

Defect Reporting Procedure

Criteria:

- Deviations from requirement

- UI/UX issues
- Functional failures

Reporting Steps:
- Repro steps with screenshots
- Attach logs (if any)
- Assign severity/priority

Triage:
- Assign defects to:
    - Frontend: Devesh
    - Backend: Sonal
    - DevOps: Pranav

Communication:
- Daily EOD status email
- Weekly QA sync-up

Metrics:
- Defect density
- Avg time to resolve
- % of high severity bugs fixed

Test Strategy

Test Design Techniques:
- Equivalence Partitioning
- Boundary Value Analysis
- Decision Table Testing
- State Transition Testing
- Use Case Testing
- Error Guessing
- Exploratory Testing

Test Execution Workflow:
1. Smoke Testing on new build
2. Reject unstable builds

3. Full test execution on stable build

4. Parallel testing across environments

5. Daily defect logging and communication

6. Perform:

  - Sanity, Regression, Retesting

  - UI, Usability, Functionality Testing

  - Repeat cycles until sign-off

Best Practices:
- Shift Left Testing

- Context Driven Testing

- Exploratory and End-to-End Testing

Test Schedule

Task	Duration
Test Plan Creation	Sprint 1 Week 1
Test Case Creation	Sprint 1 Week 1-2
Test Execution	Sprint 2
Report Submission	Sprint 2 End

Test Deliverables

- Test Plan

- Test Cases and Scenarios

- Defect Reports

- Test Summary Report

Entry and Exit Criteria

Requirement Analysis
- Entry: Receive requirement docs

- Exit: Clear understanding of scope

Test Execution
- Entry: Signed-off test cases & stable build

- Exit: Completed test cycle, defect reports

Test Closure

- Entry: Execution done, bugs resolved

- Exit: Summary report submitted

Risks & Mitigations

Risk	Mitigation
Resource Unavailability	Backup QA resource identified
Environment Down	Alternate tasks, wait for environment recovery
Tight Deadlines	Ramp up team if needed

Approvals

- Test Plan Approval

- Test Scenario/Case Review

- Weekly Summary Reports