**Test Plan for App.vwo.com**

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**1. Objective**

This test plan is designed to ensure that the A/B testing platform **App.vwo.com** functions as expected for its target users—**marketing professionals, UX designers, and website owners**. The goal is to verify that all core functionalities work seamlessly and provide a smooth user experience.

**2. Scope**

The testing process will cover:

* **Features to be tested:**
  + Test creation and management
  + User interface and navigation
  + Reporting and analytics
  + Integrations with other tools
  + User account management and permissions
  + Performance and security aspects
* **Types of testing:**
  + Manual and automation testing
  + Performance testing
  + Usability testing
  + Accessibility testing
* **Environments:**
  + Various browsers (Chrome, Firefox, Edge, Safari)
  + Different operating systems (Windows, macOS, Linux)
  + Desktop, laptop, tablet, and smartphone devices
* **Evaluation criteria:**
  + Number of defects found and resolved
  + Testing time efficiency
  + User satisfaction metrics
* **Team roles and responsibilities:**
  + **Test Lead:** Oversees the testing process
  + **Testers:** Execute test cases and report defects
  + **Developers:** Fix identified defects
  + **Project Manager:** Coordinates timelines and approvals

**3. Inclusions**

* **Introduction:** Purpose, scope, and goals of testing.
* **Test Objectives:** Ensuring defects are identified early, improving user experience, and achieving optimal performance.

**4. Exclusions**

* Features currently under development and not ready for testing.
* Outdated third-party integrations that will be phased out.

**5. Test Environments**

* **Operating Systems:** Windows 10/11, macOS, Linux.
* **Browsers:** Chrome, Firefox, Edge, Safari (latest stable versions).
* **Devices:** Desktop, laptop, tablet, smartphone.
* **Network:** Wi-Fi, wired, and mobile networks.
* **Security & Permissions:** Testing access levels for users, developers, and stakeholders.

**6. Defect Reporting Procedure**

* **How we identify defects:**
  + Any deviation from expected behavior
  + User experience glitches
  + Performance issues
* **Steps for reporting defects:**
  + Use a predefined bug reporting template
  + Provide clear reproduction steps
  + Attach relevant screenshots or logs
* **Defect management process:**
  + Assign priority and severity levels
  + Log bugs into JIRA
  + Regular status updates for stakeholders

**7. Test Strategy**

**Step 1: Create test scenarios & cases**

* Techniques: Equivalence Partitioning, Boundary Value Analysis, Decision Table Testing, Use Case Testing.
* Additional methods: Exploratory and Error Guessing.

**Step 2: Testing Execution**

* **Smoke Testing:** Ensuring critical features work before proceeding.
* **Detailed Functional Testing:** Validating core features.
* **Cross-Environment Testing:** Testing across different browsers, OS, and devices.
* **Regression Testing:** Ensuring new updates don’t break existing features.
* **UI & Usability Testing:** Checking layout, navigation, and responsiveness.

**Step 3: Best Practices**

* Early testing approach (**Shift Left Testing**).
* Context-driven testing based on real user behavior.
* Exploratory testing beyond standard test cases.
* End-to-end testing to simulate real user flows.

**8. Test Schedule**

| **Task** | **Duration** |
| --- | --- |
| Test Planning | 3 days |
| Test Case Development | 5 days |
| Test Execution | 10 days |
| Defect Fixing & Retesting | Ongoing |
| Test Closure & Reporting | 2 days |

**9. Test Deliverables**

* **Entry & Exit Criteria**
  + **Entry:** Approved test cases, stable build ready for testing.
  + **Exit:** All test cases executed, major defects fixed, test summary report generated.

**10. Tools**

* **Bug Tracking:** JIRA
* **Documentation:** Word, Excel
* **Screenshots & Annotations:** Snipping Tool, Mind Map Tool

**11. Risks & Mitigation**

| **Risk** | **Mitigation** |
| --- | --- |
| Resource unavailability | Assign backup testers |
| Environment issues | Maintain alternative test environments |
| Time constraints | Prioritize critical test cases |

**12. Approvals**

* Documents requiring approval: Test Plan, Test Scenarios, Test Cases, Test Reports.
* Approval required from: **Project Manager, Test Lead, and Key Stakeholders**.

This test plan ensures a structured, efficient, and comprehensive approach to testing **App.vwo.com**, making sure the platform is **robust, reliable, and user-friendly**