**Test Plan for App.vwo.com (Login & Dashboard Pages)**  
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**1. Objective**

This document outlines the test plan for the **App.vwo.com** application, focusing on the **Login** and **Dashboard** pages. The objective is to ensure that all features and functionalities work as expected for the target audience, **marketing professionals, product managers, UX designers, and developers**.

**2. Scope**

The scope of this test plan includes:

* **Features to be tested:** User authentication, password management, session handling, dashboard navigation, data visualization, user settings.
* **Types of testing:** Manual testing, automated testing, performance testing, accessibility testing.
* **Environments:** Different browsers, operating systems, and device types.
* **Evaluation criteria:** Number of defects found, time taken to complete testing, and user satisfaction ratings.
* **Team roles and responsibilities:** Test lead, testers, developers, product managers, and business analysts.

**3. Inclusions**

* **Introduction:** Overview of the test plan, including purpose, scope, and goals.
* **Test Objectives:** Identify defects, improve user experience, ensure application performance.

**4. Exclusions**

* Third-party integrations not directly controlled by VWO.
* Backend performance testing beyond API response validation.

**5. Test Environments**

* **Operating Systems:** Windows 10, macOS, Linux.
* **Browsers:** Google Chrome, Mozilla Firefox, Microsoft Edge, Safari.
* **Devices:** Desktop computers, laptops, tablets, smartphones.
* **Network Connectivity:** Wi-Fi, cellular, wired connections.
* **Hardware/Software Requirements:** Standard user specifications (e.g., 8GB RAM, modern processors, 50 Mbps internet speed).
* **Security Protocols:** Authentication mechanisms, password policies, encryption.
* **Access Permissions:** Roles for testers, developers, stakeholders.

**6. Defect Reporting Procedure**

* **Criteria for identifying defects:** Deviation from requirements, UI/UX issues, functional bugs.
* **Steps for reporting defects:** Using a designated template, providing reproduction steps, attaching screenshots/logs.
* **Triage and prioritization:** Severity levels assigned (Critical, High, Medium, Low).
* **Tracking tools:** JIRA for defect logging and tracking.
* **Roles and responsibilities:** Testers report defects; developers fix them; test lead monitors defect resolution.
* **Communication channels:** Slack, email updates, JIRA notifications.
* **Metrics:** Number of defects found, resolution time, percentage of defects fixed.

**7. Test Strategy**

**Step 1: Test scenarios and test cases creation**

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

**Step 2: Testing procedure**

* **Smoke Testing:** Verify core functionalities (Login, Logout, Dashboard Load).
* **In-depth Testing:** Execute test cases after stable build passes smoke testing.
* **Multiple environments:** Test across different browsers and devices.
* **Defect Reporting:** Log bugs in JIRA; daily status emails.
* **Types of Testing:** Smoke Testing, Sanity Testing, Regression Testing, Retesting, Usability Testing, Functional & UI Testing.

**Step 3: Best Practices**

* **Context-Driven Testing:** Focused on real-world scenarios.
* **Shift-Left Testing:** Early testing in the development cycle.
* **Exploratory Testing:** Beyond scripted test cases.
* **End-to-End Flow Testing:** Simulating login workflows and dashboard interactions.

**8. Test Schedule**

* **Tasks and Time Duration:**
  + Test Plan Creation: 2 Days
  + Test Case Creation: 5 Days
  + Test Execution: 10 Days
  + Summary Reports Submission: 3 Days
* **Dates:** Detailed schedule to be determined in alignment with release cycles.

**9. Test Deliverables**

* **Entry and Exit Criteria:** Defined for each phase of STLC.

**10. Entry and Exit Criteria**

* **Requirement Analysis:**
  + **Entry:** Receiving and clarifying requirements.
  + **Exit:** Approved and finalized requirements.
* **Test Execution:**
  + **Entry:** Signed-off Test Cases, stable application build.
  + **Exit:** Test execution reports, defect reports.
* **Test Closure:**
  + **Entry:** Test reports and defect reports compiled.
  + **Exit:** Test Summary Reports prepared.

**11. Tools**

* **JIRA:** Bug Tracking Tool.
* **Mind Map Tools:** For test case planning.
* **Snipping Tool:** For capturing defects.
* **Word and Excel:** Documentation purposes.

**12. Risks and Mitigations**

* **Possible Risks:**
  + Non-Availability of Testers.
  + Test Environment Unstable.
  + Time Constraints.
* **Mitigations:**
  + Backup Resource Planning.
  + Parallel Testing Execution.
  + Early Risk Identification and Contingency Planning.

**13. Approvals**

* **Documents for Client Approval:**
  + Test Plan
  + Test Scenarios
  + Test Cases
  + Test Summary Reports