**Test Plan for app.vwo.com**

**Overview**

* **Project Name**: app.vwo.com
* **Version**: 01
* **Prepared By**: Pushpalatha
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Table of Contents

**1.Introduction1**

**2.Objectives1**

**3.Scope1**

3.1 In-Scope2

3.2 Out-of-Scope2

**4.Test Strategy1**

4.1 Types of Testing2

4.2 Test Environment 2

4.3 Responsibilities 2

**5.Risk and Mitigation Planning1**

**6.Test Completion Criteria1**

**7.Conclusion1**

1. **Introduction**

This test plan outlines the testing strategy and approach for verifying the user login and navigation to the dashboard functionality of app.vwo.com.

1. **Objectives**

* Verify that the login functionality works correctly.
* Ensure users can navigate to the dashboard after successful login.
* Validate the accessibility and usability of key features on the dashboard.

1. **Scope**

**3.1 In-Scope**

* Validation of valid and invalid login scenarios.
* Password reset functionality.
* User authentication and Session management (login state persistence, session timeout).
* User-specific content and features within the dashboard.
* UI elements on the dashboard (widgets, reports, settings).
* User roles and permissions (Admin, User, etc.) in the dashboard.

**3.2 Out-of-Scope**

* Mobile responsiveness or device-specific testing.
* Performance and stress testing beyond login and dashboard interactions.
* Integration with external services (e.g., payment gateways, third-party integrations).

1. **Test Strategy**

**4.1 Types of Testing**

* **Functional Testing**: To ensure the login and dashboard features perform as expected.
* **Security Testing**: To check for vulnerabilities in login credentials handling and session management.
* **Usability Testing**: To ensure the dashboard is easy to navigate and intuitive.
* **Regression Testing**: To confirm new changes have not broken existing functionality.
* **Compatibility Testing**: To verify compatibility across different browsers and devices.
* **Performance Testing**: Check the performance of the login process and dashboard under load.

**4.2 Test Environment**

* **Test Data**: Sample valid and invalid credentials, Test users (admin, standard user) with different access levels.
* **Browsers**: Google Chrome, Mozilla Firefox, Safari, Microsoft Edge.
* **OS**: Windows, macOS.
* **Tools**: Selenium for automation, JIRA for defect management.

**4.3 Responsibilities**

* **Test Lead:** Oversee test execution and results.
* **Testers:** Execute test cases and report any issues found.
* **Developers:** Fix defects as reported and retest as necessary.

1. **Risk and Mitigation Plan**

| **Risk** | **Mitigation Plan** |
| --- | --- |
| Session timeouts during tests | Ensure sufficient time for each test execution window |
| Invalid or corrupted test data | Regularly refresh and maintain test data integrity |
| Environment setup issues | Set up environment well in advance and perform regular checks |

1. **Test Completion Criteria**

* All critical and high-priority test cases must pass.
* No unresolved major defects.
* Test coverage has been met for all critical paths of login and dashboard functionality.
* Test environment has been validated.

1. **Conclusion**

The test plan will focus on verifying the basic login functionality and smooth navigation to the dashboard, ensuring the application performs as expected for users accessing the system. Regular updates and communication will be essential to ensure the quality of the features being tested.