

Test Plan for Website App.vwo.com

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1. Introduction

This test plan outlines the testing approach for the Login and Dashboard functionality of the App.vwo.com website application. The objective is to ensure secure authentication, seamless navigation, and a robust user experience.

2. Scope

In-Scope:

- **Login Functionality**
 - User authentication (valid/invalid credentials)
 - Forgot password workflow
 - Multi-factor authentication (if applicable)

- Session timeout and re-login scenarios
- **Dashboard Functionality**
 - UI/UX verification
 - Navigation and responsiveness
 - Data accuracy and retrieval
 - User roles and access permissions
 - API response validation

Out of Scope:

- Third-party integrations (unless related to login/authentication)
- Non-functional performance and security testing (covered in separate plans)

3. Test Objectives

- Verify secure and seamless login/logout processes.
- Validate dashboard accessibility and functionality across different user roles.
- Ensure consistency in UI across multiple browsers and devices.
- Identify and log defects to improve application stability.

4. Test Approach

- Functional Testing: Validate core functionalities (login, session management, dashboard features).
- Regression Testing: Ensure updates don't impact existing login/dashboard functionalities.
- Cross-Browser & Responsive Testing: Check compatibility across Chrome, Firefox, Edge, and Safari.
- API Testing: Validate login and dashboard API responses using Postman/RestAssured.
- Security Testing: Basic checks for SQL injection, XSS, and unauthorized access.

5. Test Environment

- Browsers: Chrome (latest), Firefox, Edge, Safari
- Devices: Desktop, Tablet, Mobile (iOS/Android)
- Test Data: Valid and invalid credentials, different user roles, expired sessions

6. Test Deliverables

- Test Scenarios & Test Cases
- Test Execution Reports
- Defect Reports & Logs
- Final Test Summary Report

7. Entry & Exit Criteria

Entry Criteria:

- Test environment is ready
- Valid test data is available
- Test cases are reviewed & approved

Exit Criteria:

- All critical test cases executed
- No critical/blocker defects remain
- Test Summary Report is approved

8. Risks & Mitigation

Risk	Mitigation Strategy
Browser incompatibility	Ensure testing on multiple browsers & devices
API failures	Conduct thorough API validation with mock data
Security vulnerabilities	Implement basic security test scenarios

9. Conclusion

This test plan ensures the **Login and Dashboard functionality** of App.vwo.com meets the required quality standards, delivering a secure and seamless user experience. Testing will be conducted iteratively to support ongoing application enhancements.