**Author**: Pooja Vijayan, QA Engineer (3 Years Experience)  
 **Application Under Test**:<https://app.vwo.com>

## **1. Objective**

The objective of this test plan is to validate the core functionalities and usability of the login module on the VWO platform. The scope includes verifying login via credentials, forgot password flow, SSO login, and redirection for new users via the free trial option. The goal is to ensure a smooth, secure, and intuitive experience for end users.

## **2. Scope**

### **In Scope**

* Functional validation of the login module
* Forgot Password link and flow verification
* "Sign in using SSO" functionality
* UI and field validation
* Free trial link redirection and form initiation
* Positive and negative scenario testing

### **Out of Scope**

* Backend database validation
* API-level authentication
* Load and performance testing
* Accessibility and localization validation

## **3. Inclusions**

* Field-level validations
* Successful and unsuccessful login attempts
* Verification of password masking and error prompts
* Email trigger verification for forgot password
* Form redirection checks for free trial
* Browser compatibility testing (Chrome, Firefox, Edge)

## **4. Exclusions**

* Backend logging and analytics
* Mobile app-specific testing
* Email delivery timing validations
* Security pen testing beyond password masking and field-level constraints

## **5. Test Environment**

* **Environment**: Staging / Production
* **URL**:<https://app.vwo.com>
* **Browsers**: Chrome v124+, Firefox v113+, Microsoft Edge v124+
* **Devices**: Windows 10/11, macOS Ventura
* **Network**: Stable broadband connection

## **6. Defect Reporting Procedure**

* **Tool**: JIRA
* **Reporting Format**:  
  + Summary
  + Priority & Severity
  + Steps to Reproduce
  + Expected vs Actual Behavior
  + Screenshots / Logs / Screen recordings
* **Severity Levels**: Critical, Major, Minor, Cosmetic

## **7. Test Strategy**

* Manual execution of test cases
* Functional and UI validation
* Smoke tests before every deployment
* Regression testing post each bug fix
* Exploratory testing for uncommon or edge flows

## **8. Test Schedule**

| **Phase** | **Start Date** | **End Date** |
| --- | --- | --- |
| Test Planning | May 5, 2025 | May 6, 2025 |
| Test Case Design | May 7, 2025 | May 9, 2025 |
| Test Execution | May 10, 2025 | May 13, 2025 |
| Defect Logging & Retest | May 11, 2025 | May 15, 2025 |
| Test Closure | May 16, 2025 | May 16, 2025 |

## **9. Test Deliverables**

* Approved Test Plan
* Test Scenarios & Test Cases
* Execution Reports
* Defect Reports
* Final Test Summary Report
* Sign-off Document

## **10. Entry and Exit Criteria**

### **Test Execution Entry Criteria**

* Test plan and test cases reviewed and approved
* Access to test/staging environment
* Required test data and user credentials available
* Browser versions installed and validated

### **Test Execution Exit Criteria**

* 100% test case execution
* All critical and major defects resolved and retested
* Final test report submitted for approval
* Sign-off from QA lead and stakeholders

## **11. Test Closure**

### **Entry Criteria**

* Completion of all test cycles
* All priority defects closed or deferred with approval
* Test summary report prepared

### **Exit Criteria**

* Final sign-off from QA and product teams
* All documents archived in the project repository
* Retrospective meeting completed

## **12. Tools Used**

* **Test Management**: TestRail / Google Sheets
* **Bug Tracking**: JIRA
* **Documentation**: Confluence / Google Docs
* **Screen Captures**: Loom / Lightshot
* **Browsers**: Chrome, Firefox, Edge

## **13. Risks Involved**

* Test environment instability
* Delays in development builds
* Lack of test data or credentials
* UI or flow changes during the testing cycle
* Dependency on email delivery systems for Forgot Password flow

## **14. Approvals**

| **Role** | **Name** | **Approval** |
| --- | --- | --- |
| QA Engineer | Pooja | ✅ |
| QA Lead | [Lead Name] | ☐ |
| Project Manager | [PM Name] | ☐ |
| Development Lead | [Dev Lead Name] | ☐ |