Test Plan – SwagLabs Login Page

# 1. Introduction

The purpose of this test plan is to outline the strategy, scope, objectives, resources, and schedule of the testing activities for the SwagLabs Login Page.

# 2. Objective

- Verify successful login with valid credentials.  
- Ensure proper error handling with invalid/blank inputs.  
- Validate UI elements and responsiveness.  
- Check password masking and session handling.

# 3. Scope

In-Scope:  
- Functional testing of login with valid/invalid credentials.  
- Error message validation.  
- UI/UX testing.  
- Security checks (password masking, restricted access).  
  
Out of Scope:  
- Purchase flow testing.  
- API/database testing.  
- Mobile app testing.

# 4. Test Items

Login Page URL: https://www.saucedemo.com/  
Test data: Valid and invalid credentials provided by SwagLabs demo.

# 5. Test Approach

Manual Testing will be performed.  
- Test cases designed in tabular format.  
- Positive & Negative Testing applied.  
- Bugs reported with severity/priority.

# 6. Entry and Exit Criteria

Entry Criteria:  
- Login page is available.  
- Test data is ready.  
  
Exit Criteria:  
- All planned test cases executed.  
- Critical defects fixed and re-tested.  
- Test summary prepared.

# 7. Test Deliverables

- Test Plan  
- Test Cases  
- Bug Reports  
- Test Summary Report

# 8. Test Environment

Browsers: Chrome, Firefox, Edge  
OS: Windows 10/11  
Tools: Excel/Google Sheets, Jira (optional), GitHub

# 9. Roles and Responsibilities

Tester – Design and execute test cases, log bugs, prepare reports.  
Mentor/Reviewer – Review test cases and validate defects.

# 10. Risks and Mitigation

Risk: Application downtime → Mitigation: Test in available window.  
Risk: Test data missing → Mitigation: Use dummy credentials for negative tests.

# 11. Schedule

Activity | Start Date | End Date  
----------------------|------------|----------  
Test Planning | DD/MM/2025 | DD/MM/2025  
Test Case Design | DD/MM/2025 | DD/MM/2025  
Test Execution | DD/MM/2025 | DD/MM/2025  
Bug Reporting & Retest | DD/MM/2025 | DD/MM/2025  
Test Closure | DD/MM/2025 | DD/MM/2025

# 12. Approval

Prepared by: [Your Name]  
Reviewed by: [Reviewer]