

SwagLabs Test Plan

Project Name | SwagLabs Website

Test Lead Name | Bassam Mostafa Abozaid

Test Members Names |

1. Mohammed Hytham Mohammed
2. Zeyad Samy Shalaby
3. Asmaa Abdelhakem Arafa
4. Norhan Anwar Younis

Number of User Stories | 6

Types of Testing Used | Static, Manual, API, Automation

Total Estimated Time | 6 weeks

Risks

1. Inadequate test coverage leading to undetected critical defects.
2. Delays in test execution due to environment or dependency issues.
3. Data security vulnerabilities that may be exploited.
4. Integration issues between frontend and backend components.
5. Limited resources or unavailability of key team members.

Risks Handling

1. Implement thorough test planning and maintain detailed test coverage to minimize undetected defects.
2. Establish backup environments and contingency plans to avoid delays from environment issues.
3. Perform regular security testing and enforce strong data protection measures.
4. Conduct integration testing early and often to detect issues between frontend and backend.
5. Allocate backup resources and cross-train team members to handle unexpected absences.

User Stories:-

No of user story	User Story Name	Assigned Tester
1	User Login & Authentication	Asmaa Abdelhakem Arafa
2	Product Browsing & Search	Zeyad Samy Shalaby
3	Add to Cart & Cart Management	Norhan Anwar Younis
4	Checkout	Mohammed Hytham Mohammed
5	Order Placement	Mohammed Hytham Mohammed
6	User Logout & Session Management	Bassam Mostafa Abozaid

Test Activities: -

1. **Writing User Stories:** Ensure requirements are clear, testable, and written from the end-user perspective and provide a baseline for creating test cases, acceptance criteria, and traceability.
2. **Writing Test Cases:** Create detailed manual and automated test cases based on user stories and requirements.
3. **Bug Reporting:** Log identified defects in the bug tracking system, including steps to reproduce and severity levels.
4. **Summary Report:** Provide a comprehensive summary report after test cycles, highlighting test coverage, defects, and overall product quality.