

SauceDemo Test Plan

Project Name	SwagLabs	Test Plan Version	1.0
Product Version	3.0	Test Plan Template Version	1.0

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1. Introduction

1.1 Purpose of the test plan document

This document serves as a test plan. It describes the testing approach and automation testing approach that will test the application.

This document describes:

- o Application under test overview
- o Testing strategy
- o Test management
- o Test Risks

Each section is divided into several subsections that serve to provide more detailed insight on the description and the goals of that section. This document focuses on the functional testing of the application. Providing details on the strategy and management of performance testing and security testing is not in the scope of this document.

1.2 APPLICATION UNDER TEST OVERVIEW - SWAGLABS

It is an e-commerce mock website where one can purchase items. It has a shopping cart that keeps track of the items that the user would like to purchase.

There are 4 different kinds of user for the website. There is only one password.

As a user, you can see some products with their names and images, prices and you can add product to the cart after valid login. There is also a button for sorting functionality depending on price and alphabetical.

On the cart page, user can see quantity, description, name and the price of the product. User can remove the products or continue for shopping after clicking checkout button. If user want to complete shopping, there is form to be filled out as firstname, lastname and postalcode. After

filling the form, user sees the total price including tax on the payment information page with shipping information.

2. TESTING STRATEGY

Testing Strategy will provide information about scope of testing and testing type for the application.

2.1 TEST SCOPE

The scope of testing will be limited to front-end and will only include functional testing. It will not include non-functional testing as performance, load, security, stress and load testing.

2.1.1 Functional testing

Functional testing will be performed to verify if the application features are developed according to the specifications. Manual Testing and Automation Testing will be performed for functional testing.

2.2 TEST ENVIRONMENT

- Visual Studio 2022
- C# Programming Language
- SpecFlow BDD Framework with extent report and NUnit

3. SCHEDULE

The start date of the project is starting from 27.02.2023 to 05.03.2023.

4. ROLE & RESPONSINILITY

There is only one Test Automation Engineer

Test Automation Engineer is responsible to test the application as a whole.

5 . RISKS

Responsible Engineer has never used C# programming language and specific automation tools for this project.

Limited Time.

6 . OUTCOMES

- Test Cases written in Gherkin Language
- Auomated Test Scripts for the project
- SpecFlow framework implementing Page Object Model
- NUnit for assertions
- Detailed test execution report

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