

Summary Rep: 009_Exception_Hunters

Project Details

- **Project Name:** 009_Exception_Hunters
- **Report Date:** 2nd March, 2025
- **Testing Period:** February 28–02 March, 2025
- **Prepared by:** Nazish Jehangir
- **Date of Submission:** 2nd March, 2025

Test Environment

- **Devices:** Desktop, Laptops, Tablets, Mobiles
- **Operating Systems:** Windows 10
- **Browsers:** Chrome, Edge, Firefox
- **Network:** Fiber (50–75 Mbps)

Objective:

The goal of this automation project was to conduct comprehensive testing of the SauceDemo online shopping platform, covering UI validation, functional testing, and API testing using Selenium, POM & Cucumber, Postman and Rest Assured.

Manual Execution Status

Total Test Cases	Passed	Failed	Defects Logged
38	36	12	2

Defects Status

Defect ID	Scenario	Description	Severity	Status
DEF-PSD-01	Product Search & Details	Product page doesn't display ENOUGH product details.	High	Open
DEF-PSD-02	Product Search & Details	The product image can't be zoomed-in.	Low	Open

Key Findings:

1. **Search Functionality Missing**
 - Negative test cases confirmed absence of search feature.
 - UI validation showed absence of search bar & filter options, affecting user experience.
2. **No Payment Feature**
 - The application lacks a real payment gateway; checkout completes without any payment.
 - Negative testing verified users can place orders without entering payment details.
3. **Order History Not Available**

- API testing revealed the absence of a dedicated order tracking feature.
- Attempting to retrieve past orders resulted in 404 errors, confirming no backend support for order history.

High Priority Fixes:

- Password reset functionality must be implemented to improve user accessibility.
- Search feature & Product filtering features must be added to enhance user experience.

Medium Priority Fixes:

- Wishlist functionality should be added to ensure usability.

Conclusion:

The automation testing effectively validated the key functionalities of SauceDemo, uncovering missing features and potential improvements. With further enhancements, this framework can be scaled to test more complex e-commerce applications.
