

# **Test Strategy for SauceDemo ecommerce website**

## **Objective:**

The objective is to test the end-to-end functionality, usability and performance of the SauceDemo ecommerce website and ensure it meets the business and technical requirements.

## **Scope:**

### **In Scope:**

- All customer workflows like:
- Login functionality
- Filter/sort functionality
- Add to cart functionality with single and multiple cart items
- Checkout functionality
- Logout functionality
- Web and mobile site

### **Out of scope:**

- Search functionality
- Integration with online payment gateways
- New account registration and management
- Order management and tracking details

### **Focus Areas:**

- Functional correctness of user work flows
- UI/Navigation
- Performance
- Load, Stress and scalability
- Security – vulnerabilities, encryption
- Compatibility with different browsers, devices and OS
- Usability – ease of use, accessibility

### **Approach:**

- Black box and white box testing
- Exploratory testing for key workflows
- Load testing
- Security testing
- Cross browser compatibility testing on different browsers available

### **Deliverables:**

- Functional test cases and reports
- User Acceptance Testing report
- Test coverage and defect report

**Team & Schedule testing:**

- Team size and schedule depends on the functionality and different types of testing covered under test case execution

**Entry & Exit Criteria:**

- User Stories to be tested must meet the defined "Ready for Testing" criteria
- Testing completes when all the test cases execute with no critical defects outstanding

**Risks:**

- Delay in test environment availability
- Complex workflows may require more time and resources