**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