Demo website: https://www.demoblaze.com/index.html
This is a demo website used for UI automation testing. It exhibits a small e-commerce platform for mobile, laptop, and monitor purchases.

High Level Scenarios

1. Signup
2. Login
3. Search for item
4. Add item to cart
5. Complete purchase
6. Navigation
7. Contact company

- Most critical scenarios would be, purchase cycle, which includes:
1. Add item to cart
2. Complete purchase

- Search for item is critical, however for this website there is no search cabibilites just selecting between categories. Therefore search feature is not of hight critical value, nevertheless listing correct items is critical in that case.

- Signup and Login, are considered a pre-requisete scenarios in normal use cases and the main tested scenarios. For this demo website guest account -non-logged in used- can select and purchase items.

- Navigation is crucial to make sure all pages are reachable.

Test cases

Module	Test case	Expected	priority
Signup	Signup with valid username and password	Accepted	High
	Signup with existing username and password	Error existing user	Normal
	Signup with invalid password	Use case not supported in the demo site	Normal
	Signup with invalid username		
Login	Existing account	Accepted	High
	Wrong password	Error (wrong account)	Normal
	Wrong username	Error (wrong account)	Normal
Navigation	To about us	Success	Low
	To cart page	Success	Normal

	To contact page	Success	Normal
Search	Search for mobile	Success	High
	Search for screen	Success	High
	Search for laptop	Success	High
Cart	Add item to cart	Success	High
	Remove item from cart	Success	High
	Calculation in cart	Success	Critical
	Complete purchase order	Success	Critical

Automation

Type: UI automation
Tools: Selenium, TestNG, Maven, Java

Tests to be automated
1. Login (valid / invalid)
2. Add item to cart
3. Complete purchase order

Login (Valid)
Given user at home page
When login with correct credentials
Then Login success
And navigation bar display username

Login (Invalid)
Given user at home page
When login with in-correct credentials
Then Login fail
And alert appears

Add item to cart
Given user at home page // Given Logged in user
When open product "Phones" - "Nexus 6"
When click on "Add to cart"
Then alert appears "product added"
When go to "cart" page
Then product "Nexus 6" Exists.

Complete purchase order
Given user at home page // Given Logged in user
When add item "Phones" - "Nexus 6" to cart
When go to "cart" page
Then product "Nexus 6" Exists.
When click on "Place order"

Then place order modal appears

When fill order modal with valid and complete data (mon, Egy, Alex, 123, 12, 2024)

When click on "Purchase"

Then Thank you pop up appears with purchase data