

# Automate an E-Commerce Web Application

- \* The setup method initializes the web driver based on specified browser (chrome, edge & firefox).
- \* It sets the browser window and configures an implicit wait of 10 seconds for element searches.
- \* The Home Page Test navigates to the website's home page and verifies the page title to ensure correct loading.
- \* It also handles any pop-up that might appear upon loading the page, ensuring uninterrupted user interaction.
- \* The Mobile Search Test clicks on the home page to navigate to the mobile section.
- \* It performs a search for "iphone 13" and verifies that the search functionality works correctly.
- \* The Scroll Feature Test checks the scrolling functionality of the page.
- \* It ensures the page can be scrolled to the bottom, verifying the infinite scroll or pagination features.



The Image visibility Test Verifies the visibility of the product page.

It checks that images load correctly & are displayed as the user scrolls through the page ensuring a smooth visual experience.

### Key Features -

1. Parameterization:- The test suit uses TestNG's @Parameter annotation to pass parameters like 'drivername', 'driver path', 'website URL', and 'file loc'.
2. Assertions & Logging:- It uses assertions to verify expected conditions and Reports logs to document test steps and outcomes.
3. Screenshot Capture:- The suite captures screenshots at various stages, helping to document the state of the application during tests and facilitating debugging.