

SauceLabs Demo Playwright Test Suite For Lean Technologies

Setup:

- Ensure **Node.js** is installed.
- Install Playwright
- Before running the project, run “npm install” as it will install all dependencies from the package.json

Run Tests:

- npm run test

Notes:

- Make sure you have Node.js installed.
- Make sure you have Playwright installed
- Tests use the default standard user credentials from the SauceLabs Demo.

Project Structure:

- Pages directory containing page objects for all pages, e.g., (cartPage, checkoutOverviewPage, checkoutPage, inventoryPage, loginPage, orderCompletionPage)
- A utility directory 'utils' that contains an "**enum**" directory and a "**locator**" directory.
- A Util directory also has commonUtil, pageManager, and textConstant classes
- The enum directory consists of a user enum class containing user credentials and an inventoryItem class, which has different inventory items shown on the inventory page
- The locators directory consists of different classes segregated for each page, i.e., (cart, checkout, checkoutOverview, inventory, login, orderCompletion)
- A global-setup.ts file is created that consists of the initial login scenario, which then stores the session of the said login into an auth.json file

Project Structure Tree:

```
├── auth.json
├── global-setup.ts
├── package-lock.json
├── package.json
├── pages
│   ├── cartPage.ts
│   ├── checkoutOverviewPage.ts
│   ├── checkoutPage.ts
│   ├── inventoryPage.ts
│   ├── loginPage.ts
│   └── orderCompletionPage.ts
├── playwright.config.ts
├── README.md
├── test-results
├── tests
│   └── checkout-flow.spec.ts
├── tsconfig.json
├── utils
│   ├── commonUtil.ts
│   ├── enums
│   │   ├── inventoryItems.ts
│   │   └── users.ts
│   ├── locators
│   │   ├── cart.ts
│   │   ├── checkout.ts
│   │   ├── checkoutOverview.ts
│   │   ├── inventory.ts
│   │   ├── login.ts
│   │   └── orderCompletion.ts
│   ├── pageManager.ts
│   └── textConstant.ts
```