

Login page code:

```
class LoginPage{
  get usernameInput() {
    return cy.get('[data-test="username"]')
  }

  get passwordInput() {
    return cy.get('[data-test="password"]')
  }

  get loginButton() {
    return cy.get('[data-test="login-button"]')
  }

  get errorMgs() {
    return cy.get('[data-test="error"]')
  }

  login(username, password) {
    this.usernameInput.type(username)
    this.passwordInput.type(password)
    this.loginButton.click()
  }
}

export default new LoginPage
```

Inventory Page:

```
class InventoryPage{
  get inventoryContainer() {
    return cy.get('.inventory_list')
  }

  get inventoryContainer() {
    return cy.get('.shopping_cart_badge')
  }

  get sortDropdown() {
    return cy.get('[data-test="product_sort_container"]')
  }

  addBackPackToCart() {
    cy.get('[data-test="add-to-cart-souce-labs-backpack"]').click()
  }
}
```

```
export default new InventoryPage
```

Cart page:

```
class CartPage{
  get checkoutButton() {
    return cy.get('[data-test="checkout"]')
  }
  get cartItems() {
    return cy.get('.cart_item')
  }
}
export default new CartPage
```

Checkout page:

```
class CheckoutPage{
  get firstName() {
    return cy.get('[data-test="firstName"]')
  }
  get lastName() {
    return cy.get('[data-test="lastName"]')
  }
  get zipCode() {
    return cy.get('[data-test="postalCode"]')
  }
  get continueButton() {
    return cy.get('[data-test="continue"]')
  }
  get finish() {
    return cy.get('[data-test="finish"]')
  }
  get completeMessage() {
    return cy.get('[.complete-header]')
  }

  fillCheckoutInfo(fname, lname, zip) {
    this.firstName.type(fname)
    this.lastName.type(lname)
    this.zipCode.type(zip)
    this.continueButton.click()
  }
}
export default new CheckoutPage
```

Test file [source-demo-cy.js](#)

```
import LoginPage from "../Pages/LoginPage";
import Inventory from "../Pages/Inventory";
import CartPage from "../Pages/CartPage";
import CheckoutPage from "../Pages/CheckoutPage";

describe('SouceDemo = e-commerce website check', () => {
  before(()=>{
    cy.visit("www.saucedemo.com/")
  })

  it('successfully LoginPage', () => {
    cy.fixture("user").then((user)=>{

LoginPage.login(user.standardUser.username,user.standardUser.password);
      cy.url().should('include',"invenorty.html");
      Inventory.inventoryContainer.should("be.visible")
    })
  });

  it("failed login",()=>{
    cy.fixture("users").then((user)=>{
      LoginPage.login(user.lockedUser,user.lockedUser.password)
      LoginPage.errorMessage.should("be.visible")
      .and("contain","locked-out")
    })
  })

  it('Add to cart products', () => {
    cy.fixture("users").then((user) => {

LoginPage.login(user.standardUser.username,user.standardUser.password)
      inventoryPage.addBackpackToCart()
      inventoryPage.CartPage.should("contain","1")
    })
  })

  it('checout page', () => {
    cy.fixture("users").then((user) => {

LoginPage.login(user.standarUser.username,user.standardUser.password)
      inventoryPage.addBackpackToCart()
      cy.get('.shopping_cart_link').click()
    })
  })
});
```

```

        CartPage.cartItems.should("have.length", "1")
        CartPage.checkoutButton.click()

CheckoutPage.fillCheckoutInfo("vaishnavi", "Mahajan", "12345")
        checkoutButton.finishButton.click()
        CheckoutPage.completeMessage.should("contain", "Thank you
for your order!")
    })
})
})

```

[cypress.config.js](#)

```

const { defineConfig } = require("cypress");

module.exports = defineConfig({
  e2e: {
    baseUrl: "https://www.saucedemo.com/",
    specPattern: "cypress/e2e/**/*.cy.js",
    setupNodeEvents(on, config) {
      // implement node event listeners here
    },
  },
});

```