**//AddToCartTest.java**

package tests;

import org.junit.jupiter.api.\*;

import org.openqa.selenium.WebDriver;

import pages.\*;

import utils.\*;

public class AddToCartTest {

private WebDriver driver;

private HomePage homePage;

private SearchResultsPage resultsPage;

private ProductPage productPage;

private CartPage cartPage;

@BeforeEach

public void setUp() {

driver = DriverFactory.getDriver();

homePage = new HomePage(driver);

resultsPage = new SearchResultsPage(driver);

productPage = new ProductPage(driver);

cartPage = new CartPage(driver);

}

@Test

public void testAddBookToCartAndVerify() {

// Step 1-2: Open browser and page

homePage.navigateToHomePage();

// Step 3: Search for 'book'

homePage.searchItem(Config.SEARCH\_TERM);

// Step 4: Click first book

resultsPage.selectFirstItem();

// Step 5-6: Optional select Title from dropdown

productPage.selectTitleIfPresent("RequiredTitle"); / \*\*use actual title string if needed as some book needs title selected before they can get added to cart \*/

// Step 7: Add to cart

productPage.addToCart();

// Step 8: Go to cart page

productPage.goToCart();

// Step 9: Verify cart item count is > 0

int cartCount = cartPage.getCartItemCount();

Assertions.assertTrue(cartCount > 0, "Cart should display number of items in yellow after addition.");

}

@AfterEach

public void tearDown() {

if (driver != null) driver.quit();

}

}