***:Redmart Test Documentation:***

Language : Protractor

Test Case: 1. Register new user.

2. Add 3 different category items into cart.

3. CheckOut by adding address.

4. Logout successfully.

***Process/steps involved in this test flow:***

|  |
| --- |
| Step 1. Login to RedMart page |
| Step 2. SignUp user & Logout |
| Step 3. Login |
| Step 4: Add three items for each categories to cart. |
| Step 5: Remove 2nd item. |
| Step 6: Proceed for checkout and create new address. |
| Step 7: Proceed to Logout |
| Step 8: End process of protractor |

***Test Methods:***

describe('angularjs homepage todo list', function(){

global.dv = browser.driver;

it(' Step 1: Home page', function() {

console.log("Step 1: Home page");

navigateToRedmartSite();

browsersleep(4000);

});

it(' A. Sign up.',function(){

console.log("Step 2: SignUp flow");

var loginname="test5test";

var loginmail=loginname+"@gmail.com";

console.log("username : "+loginmail);

signUpPage(loginmail);

logout();

});

it(' Step 3: Login flow', function(){

console.log("B. Login");

loginPage("test5test@gmail.com","abc123456");

browsersleep(4000);

console.log("Login Successful");

});

it(' C. Add three items from each of the following 3 categories to cart: Marketplace, On Sale and Fresh Produce.',function(){

console.log("Step 4: Add three items for each categories to cart.");

afterLoginsearchItem("MarketPlace");

addItemToCart();

afterLoginsearchItem("On Sale");

addItemToCart();

afterLoginsearchItem("Fresh");

addItemToCart();

});

it('D. Go to the cart and remove the second item from the top.',function(){

console.log(" Step 5: Remove 2nd item.");

navigateToCartPageandRemoveItem(); //favourite item number+1

});

it('E. Proceed to checkout by adding an address.',function(){

browser.ignoreSynchronization = true;

console.log(" Step 6: Proceed for checkout and create new address ");

browser.get("https://redmart.com/cart/checkout/address");

checkOutFlow();

});

it(' Step 7: Proceed to Logout',function(){

logout();

});

it(' Step 8: End process of protractor',function(){

console.log(" Step 8: End process of protractor")

process.exit(1);

});

});

***Details codes of each methods***

/Common Methods

function browsersleep(value)

{

browser.sleep(value);

}

function navigateToRedmartSite()

{

browser.get('http://redmart.com');

browser.driver.manage().window().maximize();

browsersleep(4000);

}

function beforeLoginsearchItem(searchtext)

{

browser.ignoreSynchronization = true;

console.log("searching Item");

browsersleep(2000);

var browsersearchbox = browser.element.all(by.css('input[class=SearchInputBox\_\_input\_\_\_2ZwUc]'));

browsersearchbox.get(0).sendKeys(searchtext);

browsersleep(2000);

}

function afterLoginsearchItem(searchtext)

{

browser.ignoreSynchronization = true;

console.log("searching Item");

//browsersleep(2000);

browser.element(by.css('input[class=SearchInputBox\_\_input\_\_\_2ZwUc]')).sendKeys(searchtext);;

browsersleep(2000);

browser.element(by.css('button[class=SearchInputBox\_\_button\_\_\_1sNM\_]')).click();

browsersleep(2000);

}

function addItemToCart()

{

browser.ignoreSynchronization = true;

console.log("adding item to cart");

browsersleep(2000);

//get item text and create url for it

var parentelements=browser.element.all(by.css('div[class="productDescriptionAndPrice"]'));

var item = parentelements.get(0);

var anchorElement = item.element(by.tagName('h4')).element(by.tagName('a'));

anchorElement.getAttribute("href").then(function(hrefValue){

browser.get(hrefValue);

})

browsersleep(2000);

var itemtoCart=browser.element.all(by.css('a[class="AtcButton\_\_container\_\_\_1RZ9c AtcButton\_\_with\_text\_\_\_4C5OY"]'));

//remove 2nd item

itemtoCart.get(0).click();

browsersleep(2000);

browser.get("http://redmart.com");

}

function signUpPage(loginname)

{

browser.ignoreSynchronization = true;

console.log("signUp of new account");

browsersleep(2000);

//login page

browser.element(by.css('a[id="NAVBAR\_SIGNUP\_BTN"]')).click()

browsersleep(2000);

//signUp email id

browser.element(by.css('div[class="Auth\_\_email\_field\_\_\_12IqZ"]')).element(by.css('input[class="Input\_\_input\_\_\_35fv6"]')).sendKeys(loginname);

//first password

browser.element(by.css('div[class="Auth\_\_password\_field\_\_\_dhYd9"]')).element(by.css('input[class="Input\_\_input\_\_\_35fv6"]')).sendKeys("abc123456");

//confirm password

browser.element(by.css('div[class="Auth\_\_password\_confirm\_field\_\_\_1VE2D"]')).element(by.css('input[class="Input\_\_input\_\_\_35fv6"]')).sendKeys("abc123456");

//signUp button

element(by.css('div[class="Button\_\_button\_\_\_1-iVe Button\_\_primary\_\_\_1R0WH"]')).click()

//Assert account page is created.

var loginUserElement = element(by.css('div[id="accountPreview"]'));

expect(loginUserElement.isPresent());

}

function loginPage(userid,pwd)

{

browser.ignoreSynchronization = true;

browsersleep(4000);

//login page

browser.element(by.css('a[id="NAVBAR\_SIGNIN\_BTN"]')).click()

//login id : email

browser.element(by.css('input[name="email"]')).sendKeys(userid);

//login password : password

element(by.css('input[name="password"]')).sendKeys(pwd);

//login button

element(by.css('[class="Button\_\_button\_\_\_1-iVe Button\_\_primary\_\_\_1R0WH"]')).click()

browsersleep(2000);

//assert

var loginUserElement = element(by.css('div[id="accountPreview"]'));

expect(loginUserElement.isPresent());

}

function navigateToCartPageandRemoveItem()

{

browser.ignoreSynchronization = true;

//cart page open

element(by.css('[id="cartPreviewInner"]')).click();

browsersleep(2000);

var countremove = browser.element.all(by.css('button[class="remove"]'));

//countremove.count().then(function(Index){var chartItemsCount = Index; console.log("items in cart : "+chartItemsCount); });

countremove.get(0).click();

browsersleep(2000);

}

function logout()

{

console.log("Step 7: Proceed to Logout")

var loginUserElement = element(by.css('div[id="accountPreview"]'));

browser.actions().mouseDown(loginUserElement).perform();

browsersleep(3000);

var logoutbutton = element(by.css('a[id="NAVBAR\_SIGNOUT\_BTN"]'));

browsersleep(2000);

logoutbutton.click();

}

function checkOutFlow()

{

console.log("cart page open");

browsersleep(2000);

console.log("navigating to checkout address page.");

browser.get("https://redmart.com/cart/checkout/address");

browsersleep(2000);

console.log("create new address:");

browser.element(by.css('a[class="addBtn editMode"]')).click();

browsersleep(2000);

browser.element(by.css('input[name="addressSearch"]')).sendKeys("6 Fishery Port Road 619747"); //619747

browsersleep(2000);

browser.element(by.css('a[class="button selectSearchedAddress"]')).click();

browsersleep(2000);

console.log("filling firstname and 2nd name");

browser.element(by.css('input[id="ADDRESS\_WIZARD\_FIRST\_NAME"]')).sendKeys("test2test");

browser.element(by.css('input[id="ADDRESS\_WIZARD\_LAST\_NAME"]')).sendKeys("test2test");

browsersleep(2000);

console.log("save button");

var savebutton = browser.element(by.css('a[class="button saveSearchedAddress"]'));

if(savebutton.isPresent())

{

savebutton.getText.then(function(value){console.log("savebutton value : "+value);});

savebutton.click();

}

else

{

console.log("save button not yet ready");

}

browsersleep(2000);

console.log("Edit address");

browser.element(by.css('button[class="editMode editBtn"]')).click();

console.log("filling floor and unit");

browsersleep(2000);

browser.element(by.css('input[name="floor"]')).sendKeys("7");

browser.element(by.css('input[name="unit\_number"]')).sendKeys("1");

browsersleep(2000);

console.log("save button");

browser.element(by.css('button[class="button closeEditMode"]')).click();

}