

# Test case – Purchase order with User Registration

## Preconditions:

- The user is on the homepage of the website (<https://automationexercise.com>).
- The user is not logged in.
- The product catalog contains at least three products.
- Internet connection is stable, and the website is accessible.

## Test Steps:

Step	Data	Expected Result
1. Open the browser and navigate to <a href="https://automationexercise.com">https://automationexercise.com</a> .		The website's homepage loads successfully.
2. Click on the "Products" button from the homepage to navigate to the products section.		The products page is displayed, showing a list of products available for purchase.
3. Scroll to the <b>third</b> product in the product list and click the " <b>View Button</b> " button to review details.		The product details page is displayed, showing the name, description, price, and other product-related details.
4. Enter a random quantity generated by a function or by a library between 1 to 20.	<b>Quantity:</b> number between 1-20.	The random quantity is entered in the quantity field, and the total price is updated based on the selected quantity.
5. Click the " <b>Add to Cart</b> " button to add the product to the shopping cart.		A modal appears confirming that the product has been added to the cart.
6. Click on the " <b>View Cart</b> " link in the modal, then proceed to the checkout from the cart page by clicking the " <b>Proceed to Checkout</b> " button.		The <b>Checkout</b> page is displayed, but a login/register modal appears, asking the user to log in or register to proceed with the checkout process.

7. Fill the <b>Name</b> and <b>Email</b> from the new user Signup form, and click the <b>Signup</b> button.	<b>Name:</b> string <b>Email:</b> string with email format (e.g. email@domain.com)	The <b>Signup</b> page is displayed and shows a form for the user password and address information.
8. Fill the <b>Password</b> and address information form, then click the <b>"Create Account"</b> button.	<b>Password:</b> string <b>Date of birth:</b> dropdown options <b>First Name:</b> string <b>Last Name:</b> string <b>Address:</b> string <b>Country:</b> dropdown option <b>State:</b> string <b>City:</b> string <b>Zip Code:</b> number <b>Mobile Number:</b> number	The <b>'Account Created'</b> page is displayed, showing a confirmation message: <b>Account Created!</b>
9. Click the <b>Continue</b> button and return to the cart after registration, then click the <b>Proceed to Checkout</b> button.		The <b>Checkout</b> page is displayed.
10. Click the <b>Place Order</b> button, fill the payment information and click <b>Pay and Confirm Order</b> .	<b>Name on card:</b> string <b>Card number:</b> number <b>CVC:</b> number between 100-999 <b>Expiration month:</b> number between 1-12 <b>Expiration year:</b> number-valid year.	The confirmation payment was success, displaying a message: <b>Order Placed!</b>
11. Click on the <b>"Log Out"</b> button from the homepage		The user is successfully logged out and is redirected to the login page.

### Expected Results:

- The user successfully navigates through the website, selects a product, adds it to the cart, and proceeds to checkout.
- The login/register modal is triggered, prompting the user to log in or create a new account.
- If the user registers a new account, they can complete the checkout process after logging in.
- The order is confirmed, and the user can log out of the account successfully.