**Test Data for Automation Testing on the Pioneers Wine Shop**

**1. Verify Add to Cart Functionality**

| **Scenario** | **Field/Element** | **Input/Value** | **Expected Outcome** |
| --- | --- | --- | --- |
| Add valid product | Product ID | 101 | Product 101 is added to the cart successfully. |
|  | Product Name | "Red Wine" | "Red Wine" is displayed in the cart. |
|  | Quantity | 1 | Quantity 1 is displayed in the cart. |
|  | Price | ₹1500 | The total price is calculated correctly as ₹1500. |
| Add out-of-stock product | Product ID | 404 | Error message: "This product is out of stock." |
| Add invalid product ID | Product ID | -1 | Error message: "Invalid product selection." |
| Add product with zero quantity. | Quantity | 0 | Error message: "Please select at least one item to add to the cart." |
| Add multiple valid products. | Product IDs | [101, 102, 103] | All products are added to the cart successfully with correct price calculations. |

**2. Verify the Age Sign Button in the Cart**

| **Scenario** | **Field/Element** | **Input/Value** | **Expected Outcome** |
| --- | --- | --- | --- |
| Age above 18 | Date of Birth | "2000-12-21" | Access is granted to proceed with checkout. |
| Age below 18 | Date of Birth | "2010-12-21" | Error message: "You must be 18 or older to complete this purchase." |
| Invalid Date of Birth format | Date of Birth | "21-Dec-2003" | Error message: "Invalid date format. Please use YYYY-MM-DD." |
| Empty Date of Birth field | Date of Birth | "" | Error message: "Please enter your Date of Birth to verify your age." |

**3. Verify Increment Product Quantity in Cart**

| **Scenario** | **Field/Element** | **Input/Value** | **Expected Outcome** |
| --- | --- | --- | --- |
| Increment quantity by 1 | Quantity | +1 | Product quantity increases by 1. |
| Increment quantity to max limit | Quantity | +10 (max limit = 10) | The product quantity is set to 10. Further increment is disabled. |
| Increment above the stock limit | Quantity | +1 (Stock limit = 5) | Error message: "Only 5 items are available in stock." |

**4. Verify Decrement Product Quantity in Cart**

| **Scenario** | **Field/Element** | **Input/Value** | **Expected Outcome** |
| --- | --- | --- | --- |
| Decrement quantity by 1 | Quantity | -1 | Product quantity decreases by 1. |
| Decrement to the minimum limit | Quantity | 1 → 0 | The product is removed from the cart. |
| Decrement an already empty cart | Cart Status | Empty | Error message: "No products to decrement in the cart." |

**5. Verify Add Multiple Products to Cart**

| **Scenario** | **Field/Element** | **Input/Value** | **Expected Outcome** |
| --- | --- | --- | --- |
| Add 2 products | Product IDs | [101, 102] | Both products are added to the cart successfully. |
| Add a valid and invalid product. | Product IDs | [101, -1] | Product 101 is added, and an error is shown for invalid product ID -1. |
| Add products with zero quantity. | Product IDs | [101, 102] (Quantity = 0) | Error message: "Please select at least one item to add to the cart." |

**6. Verify Remove Product from Cart**

| **Scenario** | **Field/Element** | **Input/Value** | **Expected Outcome** |
| --- | --- | --- | --- |
| Remove a single valid product. | Product ID | 101 | Product 101 is removed from the cart. |
| Remove a non-existent product. | Product ID | 999 | Error message: "Product not found in the cart." |
| Remove the product from an empty cart. | Cart Status | Empty | Error message: "No products to remove from the cart." |

**7. Verify Checkout Functionality**

| **Scenario** | **Field/Element** | **Input/Value** | **Expected Outcome** |
| --- | --- | --- | --- |
| Checkout with a valid cart | Cart Status | Contains Products | The user proceeds to the payment page. |
| Checkout with an empty cart | Cart Status | Empty | Error message: "Your cart is empty. Add products to proceed." |
| Checkout without login | Login Status | Not Logged In | Error message: "Please log in to proceed with checkout." |
| Checkout with invalid payment | Payment Method | Invalid Card Details | Error message: "Payment failed. Please check your details." |

**8. Verify User Registration with Valid Details**

| **Scenario** | **Field/Element** | **Input/Value** | **Expected Outcome** |
| --- | --- | --- | --- |
| Register with valid details. | Name | "John Doe" | Registration is successful. |
|  | Email | "john.doe@example.com" | A confirmation email is sent. |
|  | Password | "Test@1234" | The user is redirected to the login page. |
| Register with existing email. | Email | "existing.user@example.com" | Error message: "This email is already registered." |
| Register with an invalid password. | Password | "1234" | Error message: "Password must meet complexity requirements." |

**9. Verify Login with Valid Details**

| **Scenario** | **Field/Element** | **Input/Value** | **Expected Outcome** |
| --- | --- | --- | --- |
| Login with valid credentials | Email | "john.doe@example.com" | The user is logged in and redirected to the homepage. |
|  | Password | "Test@1234" |  |
| Login with an incorrect password | Password | "wrong password" | Error message: "Invalid login credentials." |
| Login with unregistered email | Email | "new.user@example.com" | Error message: "No account found with this email." |
| Login with empty fields | Email/Password | "" | Error message: "Please fill in all required fields." |

**10. Verify Search Functionality**

| **Scenario** | **Field/Element** | **Input/Value** | **Expected Outcome** |
| --- | --- | --- | --- |
| Search with valid input. | Search Query | "Red Wine" | Displays all matching products. |
| Search with invalid input. | Search Query | "12345" | Error message: "No results found for '12345'." |
| Empty search | Search Query | "" | Error message: "Please enter a search term." |

Conclusion: For this test data you have to do as per the test step. You have to type the data in the place of the variable name as per the code. If you want to add your won data you can add.