# Introduction

Welcome To Automation Testcases , Here You find the testcases for all tested modules

# Test Suites

* Main menu
* Product grid(out of stock, Available, Filters(Sort and filters), Filters(Search))
* Usermembership(Sign in, Sign up ,Forgot pass)
* Payment Methods
* Website Languages
* WishList
* Cart(Add to Cart,Cart)
* Contact us
* Categories
* Messages

# Main Menu Test Suite Test Cases [Abstract]

* [01-0001][Valid] Click on Brand logo
* [01-0002][Valid] Click on Home list item
* [01-0003][Valid] Click on Categories drop down list item
  + 1. [01-0003-01] [Valid] Select “Hand tools” option
    2. [01-0003-02] [Valid] Click on “Power Tools” option
    3. [01-0003-03] [Valid] Click on “Other” option
    4. [01-0003-04] [Valid] Click on “Special Tools” option
    5. [01-0003-05] [Valid] Click on “Rentals” option
* [01-0004] [Valid] Click on “Contact” List Item
* [01-0005] [Valid] Click on cart SVG item[Done after adding product to cart]

# Languages Test Suite Test Cases [Abstract]

* [01-0006] Click on “EN” Symbol and Then A drop down menu opens :

1. [01-0006-01] Click on “DE” option for Germany language.
2. [01-0006-02] Click on “EN” option for English language.
3. [01-0006-03] Click on “ES” option for Spain language.
4. [01-0006-04] Click on “FR” option for French language.
5. [01-0006-05] Click on “NL” option for Netherlands language.
6. [01-0006-06] Click on “TR” option for TÜRKİYE language.
7. [01-0006-07] [Invalid] Click on “DE” option for Germany language [HTML “lang” attribute update.]
8. [01-0006-08][Invalid] Click on “ES” option for Spain language [HTML “lang” attribute] update].
9. [01-0006-09] [Invalid] Click on “FR” option for French language [HTML “lang” attribute] update].
10. [01-0006-10] [Invalid] Click on “NL” option for Netherlands language [HTML “lang” attribute update ].
11. [01-0006-11][Invalid] Click on “TR” option for TÜRKİYE language [HTML “lang” attribute] update ].

# User membership

## Sign in

* [003-SI-0001] [Valid]Sign in with Valid user data[Email: customer@practicesoftwaretesting.com,PW: welcome01]
* [003-SI-0002] [Invalid]Sign in with invalid Email[Email customer423@practicesoftwaretesting.com,PW: welcome01]
* [003-SI-0003] [Invalid]Sign in with invalid password[Email: customer@practicesoftwaretesting.com,PW: welcome0jnewgr]
* [003-SI-0004] [Invalid]Sign in with null values
* [003-SI-0005][Valid] Sign in with Google Authentication Button with valid credentials
* [003-SI-0006][Invalid] Sign in with Google authentication Button using invalid credentials
* [003-SI-0007][Valid] Sign in With show password button is clicked.

# Registration

* [003-0005][Valid] Register User with valid data for all fields.
* [003-0006][Invalid] Register User with blank first name and last name
* [003-0007][Invalid] Register User with invalid year(e.g:12/24/275760)
* [003-0008][Invalid] Register User with Post Code That has null value.
* [003-0009][Invalid] Register User with city equals to NULL
* [003-0010][Invalid] Register User without choosing a country
* [003-0011][Invalid] Register User with city equals to NULL
* [003-0012][Invalid] Register User with string input(e.g “wergwrhg”)
* [003-0013][Invalid] Register User with city equals to NULL
* [003-0014][Invalid] Register User with blank phone number
* [003-0015][Invalid] Register User with blank email address
* [003-0016][Invalid] Register User with invalid email format (e.g “test”,e.g2 “test@test”,eg.3 “test@test,com”)
* [003-0017][invalid] Register User with invalid password length (password length less than 8)
* [003-0018] Register User with password that does not Contain both uppercase and lowercase letters[UPPER CASE ONLY]
* [003-0019] Register User with password that does not Contain both uppercase and lowercase letters[lowercase only]
* [003-0020] Register User with password that does not Contain numbers
* [003-0021] Register User with password that doesn’t have any special symbols
* [003-0022] Register User with blank password(without adding a password)

# Forgot Password

* [003-0020] Send request with valid email format (e.g: [admin@practicesoftwaretesting.com](mailto:admin@practicesoftwaretesting.com))
* [003-0021] Send request with invalid email format (e.g : admin@practicesoftwaretesting)
* [003-0022] Send request with invalid email format (e.g : admin, e.g 2 :ص)
* [003-0023] Send request with number
* [003-0024] Send request with blank
* [003-0025] [Invalid] Send request with not registered email
* [003-0026] [Valid] Send request with registered email.

# Contact

* [004-0001] [Valid] Sending data in valid data format and valid text attachment.
* [004-0002] [Valid] Sending data without sending text attachment.
* [004-0003] [Invalid] Sending data without filling first name.
* [004-0004] [Invalid] Sending data without filling last name.
* [004-0005] [Invalid] Sending data without filling Email Address.
* [004-0006] [Invalid] Sending data with filling invalid email format (e.g:test@test).
* [004-0007] [Invalid] Sending data with filling invalid email format (e.g:test).
* [004-0008] [Invalid] Sending data with filling invalid email address format (e.g:test.com).
* [004-0009] [Invalid] Sending data with filling numerical value (e.g:123).
* [004-0010] [Invalid] Sending data without selecting subject.
* [004-0011] [invalid] Sending data with blank message input field.
* [004-0012] [invalid] Sending data with message that has length less than 50 characters.
* [004-0013] [invalid] Sending data with non .txt file extension and 0kb size
* [004-0014] [invalid] Sending data with non .txt file extension and bigger than 0kb size
* [004-0016] [Invalid] Sending data with .txt file extension and bigger than 0kb size
* [004-0016] [invalid] Sending data with message that has length more than 250 characters.

## Contact us [Signed In]

* [004-001-0001] [Valid] Sending Contact data with valid data format with valid text attachment
* [004-001-0002] [Valid] Sending Contact data with valid data format without valid text attachment.
* [004-001-0003] [Invalid] Sending data without selecting subject.
* [004-001-0004] [invalid] Sending data with blank message input field.
* [004-001-0005] [invalid] Sending data with less than 50 character length message input field.
* [004-001-0006] [invalid] Sending data with non .txt file extension and bigger than 0kb size
* [004-001-0007] [inValid] Sending data with non .txt file extension and 0kb size
* [004-001-0008] [Invalid] Sending data with .txt file extension and bigger than 0kb size

## Messages

* [004-002-0001] [Valid] View Received messages
* [004-002-0002][Valid] Respond to incoming message with data.
* [004-002-0003][invalid] Respond to incoming message with blank data

# Product grid TestSuite Test cases

## Sort [Section]

* [005-001-01][Valid] Sort products alphabetically from A-Z.
* [005-001-02][Valid] Sort products alphabetically from Z-A.
* [005-001-03][Valid] Sort products by price from High-Low.
* [005-001-04][Valid] Sort products by price from Low-High.

# Price Range Section

In this part we will use Equivalence partitioning value testing in this suite.

* [005-002-01][Valid] Range between 1-50.
* [005-002-02][Valid] Range between 51-100
* [005-002-03][Valid] Range between 101-150
* [005-002-04][Valid] Range between 151-200
* [005-002-05][Valid] Range between 0-0
* [005-002-06][Valid][Default] Range between 1-100.

# Search section

* [005-003-01] [invalid] trying to search without typing in search bar.
* [005-003-02] [invalid] trying to search with numerical data between 0-9
* [005-003-03] [Valid] trying to search with string data[e.g :hammer]
* [005-003-04] [Invalid] trying to search with less than 3 digit number
* [005-003-05] [invalid] trying to search with less than 3 character string.
* [005-003-06][Valid] trying to search with irrelevant data to the product\business. (e.g:cola).

# Cart Test Suite

* [006-0001] [Valid] Add product to cart without sign in
* [006-0002] [Valid] Add product to cart with sign in
* [006-0003][Valid] View Cart list without sign in
* [006-0004][Valid] View Cart List with sign in

# Favorites Test suite

* [006-0005] [Valid] Adding product to favorites when signed in
* [006-0006][invalid] Adding product to favorites when not signed in
* [006-0007][Valid] View Favorites lists
* [006-0008] [Valid] Remove item from favorites list

# Invoices

* [007-0001] [Valid] Visiting Invoices page after sign in.
  + 1. [007-0001-i] [Valid] Showing invoice details
    2. [007-00010-ii] [Valid] Navigating through pages using pagination system
* [007-0002] [Invalid] Visit invoices page without sign in

# Checkout Page

* [008-0001]Add product to checkout list
* [008-0002][Valid]View Checkout list
* [008-0003] [Valid] change the quantity of product(s).
* [008-0004] [Valid] Remove product from the checkout list.
* [008-0005][Valid] Buying a product with “bank transfer” Method using valid data.
* [008-0006][Valid] Buying a product with “Cash on delivery” Method.
* [008-0007][Valid] Buying a product with “Credit Card” Method.
* [008-0008][Valid] Buying a product with “Buy now Pay later” Method.
* [008-0009][Valid] Buying a product with “Gift Card” Method.
* [008-00010][Invalid] Buying a product with “Bank Transfer” with invalid bank name format
* [008-0011][Invalid] Buying a product with “Bank Transfer” with invalid Account Name format
* [008-0012][Invalid] Buying a product with “Bank Transfer” with invalid Account Number format
* [008-0013][Invalid] Buying a product with “Credit Card” with Credit Card Number with invalid numeric format
* [008-0014][Invalid] Buying a product with “Credit Card” with Credit Card Number in text format
* [008-0015][Invalid] Buying a product with “Credit Card” with Credit Card Number with special characters format
* [008-0016][Invalid] Buying a product with “Credit Card” with Expiration date with ‘mm/dd/yyyy format
* [008-0017][Invalid] Buying a product with “Credit Card” with Expiration date that is expired (e.g 04/2024)
* [008-0018][Invalid] Buying a product with “Credit Card” with Expiration date with string data
* [008-0019][Invalid] Buying a product with “Credit Card” Expiration date input with numeric data
* [008-0020][Invalid] Buying a product with “Credit Card” CVV input with invalid numeric data format (5 digit number)
* [008-0021][Invalid] Buying a product with “Credit Card” with blank CVV input
* [008-0022][Invalid] Buying a product with “Credit Card” CVV input with invalid numeric data format (2 or less digit number)
* [008-0023][Invalid] Buying a product with “Credit Card” Card Holder Name input with string that contains numbers
* [008-0024][Invalid] Buying a product with “Credit Card” Card Holder Name input with string that contains special characters like dot or comma.
* [008-0025][Invalid] Buying a product with “Buy now Pay Later” option and not choosing any option from “Choose your monthly installments”.
* [008-0026][Valid] Buying a product with “Buy now Pay Later” option and choosing “3 monthly Installments”.
* [008-0027][Valid] Buying a product with “Buy now Pay Later” option and choosing “6 monthly Installments”.
* [008-0028][Valid] Buying a product with “Buy now Pay Later” option and choosing “9 monthly Installments”.
* [008-0029][Valid] Buying a product with “Buy now Pay Later” option and choosing “12 monthly Installments”.
* [008-0030][invalid] Buying a product with blank gift card number
* [008-0031][invalid] Buying a product with gift card number with invalid format(Contains special characters)
* [008-0032][invalid] Buying a product with gift card by leaving the validation code blank
* [008-0033][invalid] Buying a product with gift card by filling the “validation code” with invalid format.

# Product Filters

* [009-0001] Filter products by Checking “hand tools” Check box
  + - * 1. [009-0001-01]Checking “Hammer” subcategory only. With changing price range.
        2. [009-0001-02] Checking “Hand Saw” subcategory only.
        3. [009-0001-03] Checking ”Wrench” subcategory only.[Might be done later]
        4. [009-0001-04] Checking “Screwdriver” subcategory only. .[Might be done later]
        5. [009-0001-05] Checking “Pliers” subcategory only. .[Might be done later]
        6. [009-0001-06] Checking “Chisels” subcategory only. .[Might be done later]
        7. [009-0001-07] Checking “Measures” subcategory only. .[Might be done later]
* [009-0002] Filter products by Checking “Power Tools” Check box
  + - 1. [009-0002-01] Checking “Grinder” subcategory.[Might be done later]
      2. [009-0002-02] Checking “Sander” subcategory.[Might be done later]
      3. [009-0002-03] Checking “Saw” subcategory.[Might be done later]
      4. [009-0002-04] Checking “Drill” subcategory.[Might be done later]
* [009-0003] Filter products by Checking “other” Check box
  + - 1. [009-0003-01] Checking “Tool Belts” subcategory.
      2. [009-0003-02] Checking “Storage Solutions” subcategory.[Might be done later]
      3. [009-0003-03] Checking “Workbench” subcategory.[Might be done later]
      4. [009-0003-04] Checking “Safety Gear” subcategory.[Might be done later]
      5. [009-0003-05] Checking “Fasteners” subcategory.[Might be done later]
* [009-0004] filter products by brand
  + - 1. By checking “ForgeFlex Tools” check box

# Cypress Framework

* [010-PST-0001]tries to check if steps are really done and affects the checkout list api without sign in
* [010-PST-0002]tries to check if the product that was added in the first testcase remains in the checkout list without sign in

## With sign-In

* [010-PST-0003]tries to check if steps are really done and affects the checkout list api by adding product to it with sign in
* [010-PST-0004]tries to check if the product that was added in the first testcase remains in the checkout list with sign in

# Bug reports

* [003-0006][Invalid] Register User with blank first name and last name
  1. [PST-AA-0001]Last name validation is not displayed correctly
* [003-0016], [003-0018] , [003-0020] [Invalid] Register User with invalid email format'
  1. [PST-AA-0002]Validation Alert box is empty, since it doesn’t contain any messages.
* [003-0017][Invalid] Register User with invalid email format.
  1. [PST-AA-0003]User registered successfully with invalid email format (test@test)
* '[003-0020][invalid] Register User with invalid password length (password length less than 8)
  1. [PST-AA-0004] password alert messages are inconsistent,
* [003-0025] [Invalid] Send request with not registered email
  1. [PST-AA-0005] alert msg vanishes shortly after it appears.

Languages section

When you change the UI language HTML “lang” attribute value doesn’t change to suitable language that applies for all available language but English.

## Cypress Framework bug reports

* [CY-AA-01]->[010-PST-0001] [010-PST-0002] ][010-PST-0003]The steps are not working properly [the product is not being added actually to cart ]
* [010-PST-0004] the session is not restored when you try to view the checkout list when you signed In and the user is not signed in