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# Project: Automationpractice.com

# Test Case Group : SUPPLEMENTARY FUNCTIONS

## TC ID: SF\_LOG\_01 Signing in to the website

**Priority** : Normal

**Goal** : User is able to sign in to the website

**Pre Conditions**

User already registered and has an account

**Main Actions**

User open the website

User click the sign in

User enter username and password and submit them

System validate username and password

**Post Conditions**

User signed in to the website

## TC ID: SF\_LOG\_02 Failed to signed in to the website

**Priority** : Normal

**Goal** : User is not able to sign in to the website

**Pre Conditions**

-

**Main Actions**

User open the website

User click the sign in

User enter username and password and submit them

System validate username and password and found wrong username/password

**Post Conditions**

User not signed in to the website, authentication failed is shown

## TC ID: SF\_LOG\_03 Signing out from the website

**Priority** : Normal

**Goal** : User is able to sign out from the website

**Pre Conditions**

User is already signed in to the website

**Main Actions**

User click the sign out

System clears the session.

**Post Conditions**

User is signed out. Back to login page.

## TC ID: SF\_REG\_01 Creating a new account on the website

**Priority** : Normal

**Goal** : User is able to create new account on the website

**Pre Conditions**

User open the website

**Main Actions**

User click the sign in button

User enter the email address and click “Create an account”

System provide registration form

User fills in the form

User submit the filled form

System validate the form – if everything’s correct, system will store the information and create the account.

**Post Conditions**

User is registered and directly signed in to the website. Landed on User Profile page.

## TC ID: SF\_REG\_02 Missing fields during registration

**Priority** : Normal

**Goal** : User is unable to create new account on the website due to missing information

**Pre Conditions**

User open the website

**Main Actions**

User click the sign in button

User enter the email address and click “Create an account”

System provide registration form

User fills in the form but some fields are missed

User submit the form

System validate the form and return errors.

**Post Conditions**

User is not registered. Back to registration form.

## TC ID: SF\_PROF\_01 Display User Account Page

**Priority** : Normal

**Goal** : User is able to view account page.

**Pre Conditions**

User already signed in to the website

**Main Actions**

User click on his profile

System displays options to be viewed:

* Order History
* Credit Slips
* Addresses
* Personal Information
* Wishlists

**Post Conditions**

User landed on his profile page.

## TC ID: SF\_PROF\_02 Display Order History

**Priority** : Normal

**Goal** : User is able to view order history.

**Pre Conditions**

User already signed in to the website and landed on his account page.

**Main Actions**

User click on “Order History”

System displays the order history from that user.

**Post Conditions**

User landed on his Order History page.

## TC ID: SF\_PROF\_03 Display specific order by order reference

**Priority** : Normal

**Goal** : User is able to view a specific order from Order History

**Pre Conditions**

User already signed in to the website and landed on his Order History page.

**Main Actions**

System displays the order history from that user.

User click specific order by clicking the Order Reference

System displays details of that order

**Post Conditions**

User gets the information that he chose.

## TC ID: SF\_PROF\_04 Display specific order by detail

**Priority** : Normal

**Goal** : User is able to view a specific order from Order History

**Pre Conditions**

User already signed in to the website and landed on his Order History page.

**Main Actions**

System displays the order history from that user.

User click specific order by clicking the Detail button

System displays details of that order

**Post Conditions**

User gets the information that he chose.

## TC ID: SF\_PROF\_05 Display Credit Slips

**Priority** : Normal

**Goal** : User is able to view his credit slips

**Pre Conditions**

User already signed in to the website and landed on his account page.

**Main Actions**

User click Credit Slips

System displays details of credit slips of that user.

**Post Conditions**

User landed on his Credit Slips page.

## TC ID: SF\_PROF\_06 Display User’s Addresses

**Priority** : Normal

**Goal** : User is able to view his addresses

**Pre Conditions**

User already signed in to the website and landed on his account page.

**Main Actions**

User click User’s Adresses

System displays details of addresses: Billing and Shipping Addresses.

**Post Conditions**

## TC ID: SF\_PROF\_07 Add New User’s Addresses

**Priority** : Normal

**Goal** : User is able to add new address

**Pre Conditions**

User already signed in to the website and landed on his Address’ page

**Main Actions**

User click add new address.

User fills in the new address form

System validate the fields – if everything’s correctly filled in, system will store the information to the database

**Post Conditions**

A new address is added on the user’s addresses.

## TC ID: SF\_PROF\_08 Saving the same address’ name

**Priority** : Normal

**Goal** : User is unable to save the same address’s name

**Pre Conditions**

User already signed in to the website and landed on his Address’ page

**Main Actions**

User click add new address.

User filled in the new address form but saving it with the same name

System will return error.

**Post Conditions**

User landed on his Address’ page with error information regarding the new address

## TC ID: SF\_PROF\_09 Update User’s Addresses

**Priority** : Normal

**Goal** : User is able to update one of his addresses

**Pre Conditions**

User already signed in to the website and landed on his address’ page

**Main Actions**

User click update on specific User’s Adress

System provide an update form for Address, with original information in each field.

User update one or more fields on the form

User click submit form

System will save the updates on the database.

**Post Conditions**

Updates on address will be saved on the database.

User landed on User’s Address page with new information.

## TC ID: SF\_PROF\_10 Delete User’s Addresses

**Priority** : Normal

**Goal** : User is able to delete one of his addresses

**Pre Conditions**

User already signed in to the website and landed on his address’ page

**Main Actions**

User click delete upon specific User’s Adress

System will ask for confirmation

If User confirmed to delete, then system will remove the chosen address.

**Post Conditions**

One user’s address is removed.

User landed on User’s Address page with new information.

## TC ID: SF\_PROF\_11 Display (and update) Personal Information

**Priority** : Normal

**Goal** : User is able to view and update personal information

**Pre Conditions**

User already signed in to the website and landed on his account’s page.

**Main Actions**

User click Personal Information

System provide the Personal Information form contains with the original information (last-saved)

**Post Conditions**

## TC ID: SF\_PROF\_12 Display Wishlists

**Priority** : Normal

**Goal** : User is able to view his wishlists

**Pre Conditions**

User already signed in to the website and landed on his account’s page.

**Main Actions**

User click “My Wishlists”

System displays the user’s wishlists

**Post Conditions**

## TC ID: SF\_PROF\_13 Add New Wishlist

**Priority** : Normal

**Goal** : User is able to add new wishlist

**Pre Conditions**

User already signed in to the website and landed on his wishlists’ page.

**Main Actions**

System provide a new wishlist form

User enter a new wishlist name in the form

User submit the form

**Post Conditions**

A new wishlist is added but no item on it.

## TC ID: SF\_PROF\_14 Display specific wishlist

**Priority** : Normal

**Goal** : User is able to view specific wishlist

**Pre Conditions**

User already signed in to the website and landed on his wishlists’ page.

**Main Actions**

User click a specific wishlist

System displays products which belongs to the specific wishlist

**Post Conditions**

## TC ID: SF\_PROF\_15 Update product’s quantity from a specific wishlist

**Priority** : Normal

**Goal** : User is able to update product’s quantity from a specific wishlist

**Pre Conditions**

User already signed in to the website and landed on his wishlists’ page and chose a specific wishlist.

**Main Actions**

User updates product’s quantity

User submit the form

**Post Conditions**

Changes on Product’s quantity from a specific wishlist is saved on database.

## TC ID: SF\_PROF\_16 Update product’s priority from a specific wishlist

**Priority** : Normal

**Goal** : User is able to update product’s priority from a specific wishlist

**Pre Conditions**

User already signed in to the website and landed on his wishlists’ page and chose a specific wishlist.

**Main Actions**

User updates product’s priority

User submit the form

**Post Conditions**

Changes on Product’s priority from a specific wishlist is saved on database.

## TC ID: SF\_PROF\_17 Delete a wishlist

**Priority** : Normal

**Goal** : User is able to delete a specific wishlist

**Pre Conditions**

User already signed in to the website and landed on his wishlists’ page

**Main Actions**

User delete a specific wishlist

System request user’s confirmation

User confirmed to delete

**Post Conditions**

The selected wishlist is removed from the database.

## TC ID: SF\_PROF\_18 Send a wishlist

**Priority** : Normal

**Goal** : User is able to send a wishlist to other people

**Pre Conditions**

User already signed in to the website and landed on his wishlists’ page and chose a specific wishlist.

**Main Actions**

User click “Send this wishlist”

System provides form with 10 email address fields.

User fills in at least one email address

User submit the form

System sends the email to the corresponding email address(es).

System shows “Email has been sent”

**Post Conditions**

Email containing wishlist from the user is sent.

# Test Case Group: MAIN FUNCTIONS

## TC ID: MF\_DISPL\_01 Display Products on Main Page

**Priority** : Normal

**Goal** : User is able view products on main page without signed in

**Pre Conditions**

-

**Main Actions**

User open the website

**Post Conditions**

Main page is shown

## TC ID: MF\_DISPL\_02 Display Catalog

**Priority** : Normal

**Goal** : User is able view products on catalogs without signed in

**Pre Conditions**

-

**Main Actions**

User open the website

User go to catalog

**Post Conditions**

Catalog is displayed

## TC ID: MF\_DISPL\_03 Search Item(s) randomly

**Priority** : Normal

**Goal** : User is able search for specific item randomly

**Pre Conditions**

-

**Main Actions**

User open the website

User enter a keyword on the search form

User submit the form

**Post Conditions**

Search result is shown

## TC ID: MF\_DISPL\_03 Search Item(s) by Category in Catalog

**Priority** : Normal

**Goal** : User is able search for specific item by selecting some category in the catalog

**Pre Conditions**

-

**Main Actions**

User open the website

User select specific catalog (Women | Dress | T-Shirt)

User select by category (Categories | Size | Color | Compositions | Styles| Properties| Availability | Manufacturer| Condition| Range of Price)

**Post Conditions**

Search result is shown

## TC ID: MF\_DISPL\_05 Display Specific Product

**Priority** : Normal

**Goal** : User is able to view specific Product Item

**Pre Conditions**

User open the website

**Main Actions**

User choose a specific item

**Post Conditions**

User landed on the page with Information Details of the Product item is shown

## TC ID: MF\_DISPL\_06 Quick View Specific Product

**Priority** : Normal

**Goal** : User is able to view specific Product Item

**Pre Conditions**

User open the website

**Main Actions**

User hover upon a specific item

User click “Quick View”

**Post Conditions**

A pop-up window is opened, with information about the chosen product item.

## TC ID: MF\_DISPL\_07 Write Review upon Product

**Priority** : Normal

**Goal** : User is able to write review upon specific Product Item

**Pre Conditions**

User signed in the website

User landed on the page with Information Details of the Product item is shown

**Main Actions**

User click “Write Review”

User write down the review on the form

User submit the form

**Post Conditions**

Review is submitted.

## TC ID: MF\_DISPL\_08 Add Product Item to Wishlist

**Priority** : Normal

**Goal** : User is able to add specific Product Item into his wishlist

**Pre Conditions**

User signed in the website

User landed on the page with Information Details of the Product item is shown

**Main Actions**

User add product item to wishlist

**Post Conditions**

Product Item is added to wishlist

## TC ID: MF\_PURC\_01 Add Product Item to Shopping Cart

**Priority** : Normal

**Goal** : User is able to add specific Product Item into Shopping Cart

**Pre Conditions**

User signed in the website

User landed on the page with Information Details of the Product item is shown

**Main Actions**

User add product item to the shopping cart

**Post Conditions**

Product item is added on Shopping Cart.

## TC ID: MF\_PURC\_02 Proceed Checkout

**Priority** : High

**Goal** : User is able to proceed to checkout

**Pre Conditions**

MF\_PURC\_01 Add Product Item to Shopping Cart

**Main Actions**

User click “Proceed to check out”

**Post Conditions**

System show the shopping cart: brief description of product item, quantity, price, total cost, address.

## TC ID: MF\_PURC\_03 Edit Quantity of Product Item in Shopping Cart

**Priority** : High

**Goal** : User is able to edit quantity specific Product Item into Shopping Cart

**Pre Conditions**

MF\_PURC\_02 Proceed to check out

**Main Actions**

User edit quantity of product item in shopping cart

System will check the availability of the requested quantity – If NOK, error shall be returned.

**Post Conditions**

System will show the modified cart, price/cost is re-calculated.

## TC ID: MF\_PURC\_04 Delete Product Item in Shopping Cart

**Priority** : Normal

**Goal** : User is able to delete specific Product Item from Shopping Cart

**Pre Conditions**

MF\_PURC\_02 Proceed to check out

**Main Actions**

User delete product item from the shopping cart.

**Post Conditions**

System will show the modified cart, price/cost is re-calculated.

## TC ID: MF\_PURC\_05 Define Payment Method

**Priority** : High

**Goal** : User is able to define payment method

**Pre Conditions**

MF\_PURC\_02 Proceed to check out

**Main Actions**

System shows shopping cart

User click “Proceed check out” (no edit/delete was done)

System shows the billing address

User click “Proceed check out” (no update was done)

**Post Conditions**

System offered two payment method

## TC ID: MF\_PURC\_06 Pay by Bank Wire

**Priority** : High

**Goal** : User is able to pay by wire

**Pre Conditions**

MF\_PURC\_05 Define Payment Method

**Main Actions**

User click “Pay by wire”

**Post Conditions**

System show steps to pay by wire

## TC ID: MF\_PURC\_07 Pay by Check

**Priority** : High

**Goal** : User is able to pay by check

**Pre Conditions**

MF\_PURC\_05 Define Payment Method

**Main Actions**

User click “Pay by check”

**Post Conditions**

System show steps to pay by check

## TC ID: MF\_PURC\_08 Confirm Order

**Priority** : Normal

**Goal** : User is able to pay by check

**Pre Conditions**

MF\_PURC\_05 Define Payment Method

MF\_PURC\_06/07

**Main Actions**

User click “confirmed order”

**Post Conditions**

System show the status of order

The confirmed item is removed from the Shopping Cart

The confirmed item is removed from the Stock Database.

# Unit Testing

TC ID UNIT\_01 Calculate Price

TC ID UNIT\_02 Calculate Cost

TC ID UNIT\_03 Check Availability

TC ID UNIT\_04 Reduce Instock

TC ID UNIT\_05 Remove from Cart

# Performance Testing

Load Test Simultaneous Login: 100 users, 1000 users, 10000 users

Load Test Simultaneous Checkout: 100 users, 1000 users, 10000 users

Load Test Simulatenous Search Catalog: 100 users, 1000 users, 10000 users