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| Swag Labs |
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| Use Case Scenarios |

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| Milena Tsonkova  10-11-2024 |

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# Change Log

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| --- | --- | --- |
| Date | Change | Author |
| 10/11/2024 | Document created. | Milena Tsonkova |
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# Use Case Scenarios

## User Login and Authentication

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| --- | --- | --- | --- |
| Scenario ID | Module ID | Profile | Description |
| UC001 | ULA001 | Admin | As an admin, I want to ensure that only registered users can log in and proceed to the products page.  I know that this requirement is fulfilled when a user with a valid username and password can log in successfully.  Note that username and password fields must be made required. |
| UC002 | ULA002 | Admin | As an admin, I want to ensure that locked-out users cannot log in and reach the products page.  I know this requirement is fulfilled when a user with locked-out credentials cannot log in and an appropriate warning message appears to inform them why they are not permitted to proceed to the products page. |
| UC003 | ULA003 | Admin | As an admin, I want to ensure that non-registered users cannot log in and reach the products page.  I know this requirement is fulfilled when non-registered users cannot log in and an appropriate warning message appears to inform them why they are not permitted to proceed to the products page. |

## Products Section

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| Scenario ID | Module ID | Profile | Description |
| UC004 | PS001 | Client | As a client, I want to be able to browse products on the products page and check their photos, names, descriptions, and prices.  Constraints:   * Only 6 products are available on the Website. * There is no search field. |
| UC005 | PS002 | Client | As a client, I want to be able to filter products based on different criteria: price, alphabetically.  I know this requirement is fulfilled when a filter functionality is implemented on the Website. |
| UC006 | PS003 | Client | As a client, I want to be able to add products from the products page to the shopping cart.  I know this requirement is fulfilled when:   1. After pressing the “Add to cart” button next to a product, the text changes to “Remove”. 2. A red round badge appears on top of the cart icon with number 1 if the cart was previously empty. 3. If the cart was not empty, the number on this badge increases with each added product. |
| UC007 | PS004 | Client | As a client, I want to be able to view product details page with detailed description and add product to the shopping cart from this page.  I know this requirement is fulfilled when:   1. I can access the product details page by clicking on any product name. 2. On product details page there is an Add to Cart button. 3. When I click this button the product is added to the shopping cart and “Add to Cart” text changes to “Remove” 4. A red round badge appears on top of the cart icon with number 1 if the cart was previously empty. 5. If the cart is not empty, the number on this badge increases with each added product. |
| UC008 | PS005 | Client | As a client, I want to be able to remove previously Added to Cart products from the Products Page and the Product details page.  I know this requirement is fulfilled when:   1. For a product, added to the shopping cart, the Add to Cart text changes to Remove. 2. Upon pressing the button again, the product is removed from the shopping cart and the text “Remove” changes to “Add to cart”. |

## Shopping Cart

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| Scenario ID | Module ID | Profile | Description |
| UC009 | SC001 | Client | As a client, I want to access the shopping cart by clicking on the shopping cart icon on the website’s top right corner.  I know this requirement is fulfilled when I am redirected inside the shopping cart where I can see all my products with their qty, prices, and total price as well as Continue Shopping and Checkout buttons. |
| UC010 | SC002 | Client | As a client, I want to be able to remove from shopping cart any product I want.  I know this requirement is fulfilled when:   1. There is a Remove button next to the product. 2. When I click this button the product disappears from the shopping cart. 3. The total price decreases with the price of the removed product. 4. The number in the cart’s badge decreases with 1. 5. If the shopping cart is empty, the badge disappears. |
| UC011 | SC003 | Client | As a client, I want to be able to continue shopping once I land in the shopping cart.  I know this requirement is fulfilled when:   1. There is a “Continue Shopping” button in the Shopping cart. 2. Upon pressing this button I am redirected back to the Products page. |

## Checkout Process

### Customer Information

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| Scenario ID | Module ID | Profile | Description |
| UC012 | CPCI001 | Admin | As an admin, I want to prevent users from completing the checkout process if one or all of the following fields on the “Checkout: Your Information” page are empty:   * First Name * Last Name * Zip/Postal Code   I know this requirement is fulfilled when:   1. All fields mentioned above are required. 2. If any field is empty, a warning message, stating that the field is required appears when the user clicks on the “Continue” button. |
| UC013 | CPCI002 | Client | As a client, I want to proceed to the Checkout Overview page when I enter my First Name, Last Name, Zip/Postal Code, and click Continue.  I know this requirement is fulfilled when I am redirected to the Checkout Overview” page after clicking the “Continue” button. |
| UC014 | CPCI003 | Client | As a client, I want to cancel the Checkout process by clicking on the Cancel button on the Checkout: Your information page.  I know this requirement is fulfilled when:   1. The Cancel button is displayed on the Checkout: Your Information page 2. When I click on the Cancel button I am redirected back to the shopping cart. |

### Order Overview

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| Scenario ID | Module ID | Profile | Description |
| UC015 | CPOO001 | Client | As a client, I want to view my selected products, Payment, Shipping, and price information including items total, taxes, and Total Price.  I know this requirement is fulfilled when all the above-mentioned information is displayed on the Order Overview page clearly and descriptively. |
| UC016 | CPO002 | Client | As a client, I want to be able to complete the purchase process successfully by clicking the Finish button on the Order Overview page.  I know this requirement is fulfilled when I am redirected to the Order Confirmation page. |
| UC017 | CPO003 | Client | As a client, I want to be able to terminate the Checkout process from the Order Overview page.  I know this requirement is fulfilled when:   1. There is a Cancel button on the Order Overview page. 2. I am redirected outside of the Order confirmation page. 3. I am not redirected to the Order Confirmation page. |

### Order Confirmation

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| Scenario ID | Module ID | Profile | Description |
| UC018 | OC001 | Client | As a client, I want to be informed that my order has been received successfully.  I know this requirement is fulfilled when a clear and descriptive message is displayed stating that my order has been received. |
| UC019 | OC002 | Client | As a client, I want to be able to navigate from the Order Confirmation page once I complete my purchase.  I know this requirement is fulfilled when there is a Back button and I am redirected to the Products page after I click it. |

### Logging Out

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| Scenario ID | Module ID | Profile | Description |
| UC020 | LOGOUT001 | Client | As a client, I want to log out from the system by clicking on the Log Out button in the Main Menu.  I know this requirement is fulfilled when I am redirected back to the Login section with Login button visible. |

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# Acronyms

ULA = User Login and Authentication

PS = Products Section

SC = Shopping Cart

CP = Checkout Process

CPCI = Checkout Process Customer Information

CPOO = Checkout Process Order Overview

OC = Order Confirmation

LOGOUT = Logging Out