

4. Software Design/ Diagrams

4.1.1 User Scenarios

4.1.1.1 User Scenarios List

Nr	Name	Description
US_01		
US_02		
US_03		
US_04		
US_05		
US_06		
US_07		
US_08		
US_09		
US_10		
US_11		
US_12		
US_13		
US_14		
US_15	Update an order	Administrator can update information of a specific order made by a customer
US_16	Delete an order	Administrator can delete a specific order made by a customer if needed for various reasons
US_17	View feedback	Administrator can view the feedbacks left by the customers of the website, and filter them by options
US_18	Update product's price	Supplier can update the product's price of a specific product that they supply
US_19	Update product's quantity	Supplier can update the product's quantity of a specific product that they supply
US_20	View product's details	Customer can view the respective information about any of the product they select in the "Shop" page
US_21	Add item to card	Customer can add product items from the "Shop" page in their basket/card
US_22	Delete item from card	Customer can remove product items directly from their basket/card

US_23	Update product's quantity in card.	Customer can update product's quantity directly from their basket/card
US_24	Make an order	Customer can buy products by checking out their basket, and filling out the billing and payment information
US_25	View transactions history	Customer can view the information about their current order and previous orders (if made), in their profile
US_26	Contact	Customer can contact on the website by email, phone number or by sending a message form providing their details
US_27	Leave feedback	Customer can leave feedback about the overall services and offers of the website by filling out a specific form in the website "Feedbacks" page
US_28	User logs out	Administrator, supplier and customer log out from their accounts

4.1.1.2 User Scenarios Extended

US_15 Update an order

- Administrator follows the steps in **US_14**.
- Administrator clicks the button "Update" for the specific order.
- A dropdown menu in the form filled with current status of the order is shown.
- Administrator makes the necessary changes.
- Administrator double checks if the data entered is correct.
- Administrator clicks the button "Update".
- System validates data according to the specified requirements.
- If validation is passed successfully, the new data is saved in the database and is shown the "orders" sub-panel for the current order. The administrator is redirected to the "orders" page.
- If validation is not passed successfully, the old data continues to show in "orders" sub-panel for the current order.

US_16 Delete an order

- Administrator follows the steps in **US_14**.
- Administrator clicks the button "Delete" for the specific order.
- The order is deleted immediately and the respective change is reflected in the database and the order is no longer visible in the Orders' list.

US_17 View feedback

- Administrator logs in following the steps in **US_01** and directs in their home page.
- Administrator redirects in the "Feedbacks" sub-panel and views the list.
- Administrator chooses one of the given options (bad, good, very good, or other).
- Administrator views filtered feedback.

US_18 Update product's price

- Supplier follows the steps in **US_11** for "supplier".

- b. Supplier clicks the button “Update Price” for the specific product.
- c. A form is shown with an input field.
- d. Supplier makes the necessary changes.
- e. Supplier double checks if the data entered is correct.
- f. Supplier clicks the button “Update Price”.
- g. System validates data according to the specified requirements.
- h. If validation is passed successfully, the data is saved in the database. An informative message “Price updated successfully!” will be shown and the supplier is redirected to the products page.
- i. If validation is not passed successfully, informative messages will show that there’s a problem, so the supplier can fix it and continue again from step f.

US_19 Update product’s quantity

- a. Supplier follows the steps in **US_11** for “supplier”.
- b. Supplier clicks the button “Update Quantity” for the specific product.
- c. A form is shown with an input field.
- d. Supplier makes the necessary changes.
- e. Supplier double checks if the data entered is correct.
- f. Supplier clicks the button “Update Quantity”.
- g. System validates data according to the specified requirements.
- h. If validation is passed successfully, the data is saved in the database. An informative message “The quantity updated successfully!” will be shown and the supplier is redirected to the products page.
- i. If validation is not passed successfully, informative messages will show that there’s a problem, so the supplier can fix it and continue again from step f.

US_20 View product’s details

- a. Customer logs in following the steps in **US_01**, and directs in the website’s main page.
- b. Customer redirects in the “Shop” page.
- c. Customer chooses a specific category.
- d. Customer chooses a specific product and view its information: overview, picture and price.

US_21 Add item to card

- a. Customer follows the steps in **US_20**.
- b. Customer adds this product to their card by clicking “Add to card” button.
- c. An informative message is displayed “Product added to card”.
- d. Customer repeats c, d and e steps for several products in different/same category.

US_22 Delete item from card

- a. Customer follows steps in **US_21**.
- b. Customer views their card.
- c. Customer may remove any of the products from their card by clicking the “Delete” button.
- d. An informative message is displayed “Product deleted successfully”.

US_23 Update product’s quantity in card.

- a. Customer follows the steps in **US_21**.
- b. The current quantity of the specific product is shown in its text field. Customer may change this quantity by clicking the "Update" button.
- c. An informative message is displayed "Done".

US_24 Make an order

- a. Customer follows the steps in **US_21**.
- b. Customer may do necessary changes in their card by following the **d** step in **US_22** or **US_23**.
- c. Customer clicks the "Checkout" button.
- d. Customer redirects in the "checkout" page and fulfills their billing details and card information. Customer may choose to pay via PayPal or by their card.
- e. System validates data according to the specified requirements.
- f. If validation is passed successfully, the data is saved in the database. An informative message "You can check your order now!" will be shown and a button to redirect to the home page is shown.
- g. If validation is not passed successfully, informative messages will show where the problem is, so the customer can fix it and continue again from step d.

US_25 View transactions history

- a. Customer makes one/several orders following the steps in **US_24**.
- b. Customer clicks their "username" in the navigation bar.
- c. A dropdown menu is shown and the user chooses "Transactions History" from that list.
- d. The history of his orders will be shown in the respective page with the following fields of information: Name, Date, Total Price in USD, Status.

US_26 Contact

- a. Customer logs in following the steps in **US_01** and directs in the website's main page.
- b. Customer may go to any of the website's page's footer.
- c. Customer may contact by call, email or the customer clicks the contact link that redirects to the "Contact" page.
- d. Customer contacts by call/email in the respective "phone" or "mail" platforms. Otherwise, customer contacts by filling out the form in the "Contact" page.
- e. System validates data according to the specified requirements for the contact form.
- f. If validation is passed successfully, the data is saved in the database. The contact page refreshes.
- g. If validation is not passed successfully, informative messages in respective fields will show that there's a problem, so the customer can fix it and continue again from step d.

US_27 Leave feedback

- a. Customer logs in following the steps in **US_01** and directs in the website's main page.
- b. Customer redirects to the "Feedbacks" page.
- c. Customer will complete a form with several questions about the website.
- d. Customer clicks "Leave feedback" button.
- e. Alert: Are you sure you want to leave feedback? YES/ NO.
- f. If NO, do nothing, we stay at the same page.

- g. If YES, the feedback will be saved in the database and will be shown in the admin's "Feedbacks" sub-panel.

US_28 User logs out

- a. User logs in following the steps in **US_01**, and directs in the website's main page.
- b. User follows some of the scenarios listed above.
- c. User clicks their "username" in the navigation bar.
- d. A dropdown menu is shown and the user chooses "Log out" from that list.
- e. User will be logged out from the system and he will be redirected to the main page of the website (index page).