

4. Software Design/ Diagrams

4.1.1 User Scenarios

4.1.1.1 User Scenarios List

Nr	Name	Description
US_01	User logs in	Users: Customer, Administrator, Supplier log in using email and password
US_02	User changes password	Users: Customer, Administrator, Supplier can change their password
US_03	Edit profile details	Customer can edit his profile details: Name, Address, City, Country, Zip Code and Phone Number
US_04	Create a new administrator	Administrator can create new administrators to add them in the system
US_05	Administrators' List	Administrator can view the list of all administrators already in the system
US_06	Create a new category	Administrator can create new categories to add them in the system
US_07	Categories' List	Administrator can view the list of all categories already in the system
US_08	Update a category	Administrator can update a category by changing different fields of it
US_09	Delete a category	Administrator can delete a category from the system
US_10	Create a new product	Administrator can create new products to add them in the system
US_11	Products' List	Administrator can view the list of all products already in the system
US_12	Change product's status	Administrator can change a product's status from available to unavailable and vice versa
US_13	Delete a product	Administrator can delete a product from the system
US_14	Orders' List	Administrator can view the list of all orders made by different customers
US_15		
US_16		
US_17		
US_18		
US_19		
US_20		
US_21		
US_22		
US_23		
US_24		
US_25		
US_26		
US_27		
US_28		

4.1.1.2 User Scenarios Extended

US_01 User logs in

- a. User enters his email.
- b. User enters his password.
- c. User clicks "LOG IN" button.
- d. If data is correct, user will be redirected to his home page.
- e. If data is not correct or if a field is empty, an error message will be displayed and user will repeat steps from step a.

US_02 User changes password

- a. User logs in following the steps in **US_01**.
- b. User clicks "Change Password" button in his respective home page settings.
- c. User enters his old password.
- d. User enters his new password.
- e. User enters his new password again to verify it.
- f. User clicks "Continue".
- g. If old password is correct and if new password is verified, a message "Password changed successfully" will be displayed.
- h. If the old password is not correct or if the new password is not verified, a message "Password could not be changed. Try again!" will be displayed.

US_03 Edit profile details

- a. Customer logs in following the steps in **US_01** and is redirected to his home page.
- b. Customer clicks his name in the navigation bar and a drop-down menu will be shown.
- c. Customer clicks "Settings" from the menu.
- d. Customer may change one of the following fields: Name, Address, City, Country, Zip Code and Phone Number.
- e. Customer clicks "Update" button.
- f. If there are no empty fields, the customer will be redirected to home page and changes have been made successfully.
- g. If there is an empty field or more, an error message will appear and customer will have to repeat steps again from d.

US_04 Create a new Administrator

- a. Administrator follows the steps in **US_01** to log in and is redirected to his home page.
- b. Administrator clicks "Admins" in the side-bar menu.
- c. Administrator clicks "Create Admins" button.
- d. Administrator enter Email, Admin Name and Password.
- e. Administrator clicks "Create" button.
- f. If there are no empty fields, the new admin is created successfully and he will be shown in database as well.
- g. If there is an empty field or more, an error message will appear and the administrator will have to repeat steps again starting from d.

US_05 Administrators' List

- a. Administrator follows the steps in **US_01** to log in and is redirected to his home page.
- b. Administrator clicks "Admins" in the side-bar menu.
- c. Administrator will be able to see a table containing all the information (admin name and email) for all administrators of the system.

US_06 Create a new Category

- a. Administrator follows the steps in **US_01** to log in and is redirected to his home page.
- b. Administrator clicks "Categories" in the side-bar menu.
- c. Administrator clicks "Create Categories" button.
- d. Administrator enters Name, Icon, Description and an Image.
- e. Administrator clicks "Create" button.
- f. If there are no empty fields, the new category is created successfully and it will be shown in database as well.
- g. If there is an empty field or more, an error message will appear and the administrator will have to repeat steps again starting from d.

US_07 Categories' List

- a. Administrator follows the steps in **US_01** to log in and is redirected to his home page.
- b. Administrator clicks "Categories" in the side-bar menu.
- c. Administrator will be able to see a table containing all the information (category name and two buttons: "Update" and "Delete") for all categories of the system.

US_08 Update Category

- a. Administrator follows the steps in **US_01** to log in and is redirected to his home page.
- b. Administrator clicks "Categories" in the side-bar menu.
- c. Administrator goes to the chosen category and clicks "Update" button.
- d. Administrator can change the name, icon and description of the category.
- e. Administrator clicks "Update" button.
- f. If there are no empty fields, the category is updated and the changes will be shown in database as well.
- g. If there is an empty field or more, administrator will need to repeat steps from d.

US_09 Delete Category

- a. Administrator follows the steps in **US_01** to log in and is redirected to his home page.
- b. Administrator clicks "Categories" in the side-bar menu.
- c. Administrator goes to the chosen category and clicks "Delete" button.
- d. The category will be deleted immediately and it will disappear from the database as well.

US_10 Create a new Product

- a. Administrator follows the steps in **US_01** to log in and is redirected to his home page.
- b. Administrator clicks "Products" in the side-bar menu.
- c. Administrator clicks "Create Products" button.

- d. Administrator enters Title, Price, Description, selects a Category and an Expiration Date and uploads an Image.
- e. Administrator clicks "Create" button.
- f. If there are no empty fields, the new product is created successfully and it will be shown in database as well.
- g. If there is an empty field or more, an error message will appear and the administrator will have to repeat steps again starting from d.

US_11 Products' List

- a. Administrator follows the steps in **US_01** to log in and is redirected to his home page.
- b. Administrator clicks "Products" in the side-bar menu.
- c. Administrator will be able to see a table containing all the information (product name, price, expiration date and two buttons: one for changing status and one "Delete") for all products of the system.

US_12 Change Product's Status

- a. Administrator follows the steps in **US_01** to log in and is redirected to his home page.
- b. Administrator clicks "Products" in the side-bar menu.
- c. Administrator goes to the chosen category and clicks the button under "Status" header.
- d. If the product was "Available", after clicking it will be "Unavailable".
- e. If the product was "Unavailable", after clicking it will be "Available".
- f. These changes will be visible in database as well.

US_13 Delete Product

- a. Administrator follows the steps in **US_01** to log in and is redirected to his home page.
- b. Administrator clicks "Products" in the side-bar menu.
- c. Administrator goes to the chosen product and clicks "Delete" button.
- d. The product will be deleted immediately and it will disappear from the database as well.

US_14 Orders' List

- a. Administrator follows the steps in **US_01** to log in and is redirected to his home page.
- b. Administrator clicks "Orders" in the side-bar menu.
- c. Administrator will be able to see a table containing all the information (first name, last name, email, country, status, price, date and two buttons: "Update" and "Delete") for all orders of the system.