

FEATURE DESCRIPTION DOCUMENT

Functional Requirements

1. Feature name: Home page

Role(s): Logged users and Guest users

Feature description/steps:

The home page must contain:

- Page logo
- Search bar and Search button
- Carousel with products on sale
- “Login” button
- “Register” button
- “My profile” dropdown menu
- “Customer support” button

Dependencies/constraints: “My profile” and “Customer support” button must not be selectable if you’re not a logged-in user.

2. Feature name: Register

Role(s): New users

Feature description/steps:

1. Register popup must appear when the user selects the register button on the home page or when a guest tries to buy a product and in the login pop-up selects the “Register” button.
2. The register popup shall contain two options: To register as an individual or as a company.
3. When the user selects to register as an individual, the pop-up must contain Full Name, E-mail address, Phone number, Password, and Confirm password text fields.
4. When the user selects to register as a company the pop-up must contain Company Name, E-mail address, Phone number, Company ID, Password, and Confirm password text fields.
5. The user which successfully registers is going to receive a confirmation e-mail.

Dependencies/constraints: If the user doesn’t fill every field or when the password is less than 8 characters, the pop-up must appear again with empty fields and a message “You must fill in required fields and the password must be ≥ 8 characters in order to register!”.

3. Feature name: Login

Role(s): Registered users

Feature description/steps:

1. Login popup will appear when the user selects the login button on the home page or when a guest user selects the “Add to cart” button of a product.
2. Login pop-up must contain the E-mail and Password required text fields as well as the “I forgot my password” and the “Register” button.
3. After entering the correct login information, the software must give the user a possibility to select the “Login” button in order to proceed to the Home page.

Dependencies/constraints: If a user doesn’t fill every field correctly, the pop-up must appear again with empty fields and the message “Your e-mail or password is incorrect”.

4. Feature name: Reset password

Role(s): User that selected the “I forgot my password” button.

Feature description/steps:

1. Reset password pop-up must appear when the user selects the “I forgot my password” button from the Login pop-up.
2. Reset password pop-up shall contain only an E-mail text field and a “Send reset password E-mail” button.
3. If the entered e-mail address is found in the system and the user selects the “Send reset password E-mail” button, the user shall get a reset password email.

Dependencies/constraints: Entering existing e-mail is required in order for the system to send a reset password e-mail to the user. If the entered e-mail address doesn’t exist in the system, the user will get the same Reset password pop-up with an additional “This E-mail doesn’t exist” message.

5. Feature name: Searched items page

Role(s): Users that activated the “Search” button

Feature description/steps:

1. User shall land on the searched item page after entering the search word in the “Search bar” and selecting the “Search” button.
2. Searched items page must contain every product relevant to the searched word using the “Relevant product” algorithm.
3. Software must give the user a possibility to add products to “My cart” by selecting the “Add to cart” button.

Dependencies/constraints: If nothing’s entered in the search bar, the user will not activate the “Search” button when selected.

6. Feature name: Filter

Role(s): Users that landed on the searched items page

Feature description/steps:

1. Filter button must contain a dropdown menu with options:
 - Filter by price (lower to higher)
 - Filter by price (higher to lower)
 - Filter by availability
 - Filter by manufacturer

Dependencies/constraints: -

7. Feature name: My profile

Role(s): Logged users that selected the “My profile” button

Feature description/steps:

My profile must be a dropdown menu that must contain:

- Profile e-mail
- Change the password button
- Purchased items
- Wish list
- My cart

Dependencies/constraints: -

8. Feature name: My cart page

Role(s): Every logged user

Feature description/steps:

1. My cart page must be activated when the user selects the “My cart” button from the “My profile” dropdown menu.

2. My cart page must contain:

- The list of added products.
- At the end of added products list, the user should see the Summary price.
- User has the ability to increase the quantity of every product and to remove products from the list.
- My cart page must contain the “Buy” button which will activate the purchase algorithm and add the purchased items to “Purchased items”.

Dependencies/constraints: If the item from the “My cart” list is no longer available, it must be removed from the list.

9. Feature name: Customer support

Role(s): Every logged user

Feature description/steps:

1. Online customer support must be implemented as a chat button.

2. When the user selects the chat button, a chat pop-up will appear and the online shopping bot algorithm should be activated in the pop-up.

3. User should be able to receive help while shopping.

Dependencies/constraints: In case the online shopping bot can't help the user, it should prompt the phone number of our customer support employee and working hours.

Nonfunctional Requirements

- In case of system maintenance, the system can be unavailable from 2 AM until 6 AM CET.
- In case of updates, the system can be unavailable maximum of 1 day.
- System should show an update message on the home screen 10 days before the update.
- After selecting the “Register” button, a confirmation e-mail should be sent in a maximum of 15 seconds.
- After confirming your account, the account should be created in the database in a maximum of 30 seconds.
- After 10 incorrect inputs of password and login tries, the profile with the entered email address shall be blocked for 24 hours, and the “Confirm your identity” email shall be sent to the same email address.
- System must be available in both Bosnian and English languages
- Search bar must be placed in the top middle of the home page and must be of color (#F9EFEC)
- Carousel on the Home page shall contain items on sale based on system recommendations.
- After the user searches or filters an item, Searched items page must be loaded in less than 3 seconds.
- The system should only be available to users from Bosnia and Herzegovina.
- To successfully log in, the user must confirm that it’s not a robot.
- Company ID should be available only to the system admin.