**-Use case descriptions:**

**1-Admin login**

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| Use case ID | UC-01 |
| Use case name | Admin Log In |
| Preconditions: | -Admin credentials (username and password) are valid and registered in the system. |
| Postconditions: | -Admin is successfully authenticated and gains access to the admin dashboard.  - In case of unsuccessful login attempts, the system provides appropriate error messages. |
| Actor: | Admin |
| Trigger: | -Admin navigates to the login page and enters valid credentials. |
| Goal: | -To authenticate the admin and grant access to the admin dashboard. |
| Standard Process (Main Success Scenario): | - Admin navigates to the login page.  -System presents a login form requesting the admin's username and password.  -Admin enters valid credentials.  -System verifies the credentials against the stored data.  If the credentials are valid:  a. System grants access to the admin dashboard.  b. Admin gains the ability to perform admin-level functions (product management, user management, order management, feedback management).  c. System logs the successful login for security purposes.  If the credentials are invalid:  a. System displays an error message indicating the login failure.  b. Admin is prompted to re-enter the credentials. |

**2-** **Product management**

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| Use case ID | UC-02 |
| Use case name | Admin Product Management |
| Preconditions: | -Admin is logged into the system.  -The admin has the necessary permissions for product management. |
| Postconditions: | -Product information is successfully updated in the system, Changes are reflected in the user interface. |
| Actor: | Admin |
| Trigger: | -Admin selects the "Product Management" option from the admin dashboard. |
| Goal: | -To manage and update product information in the system. |
| Standard Process (Main Success Scenario): | -Admin logs into the system using valid credentials.  -Admin navigates to the admin dashboard.  -Admin selects the "Product Management" option.  -System displays a list of existing products.  -Admin selects a specific product to manage.  -System presents options for product management, including:  a. View product details.  b. Edit product information (name, price, description, etc.).  c. Add new products to the inventory.  d. Delete existing products.  - Admin chooses an action and provides the necessary details.  -System updates the product information.  - Changes are reflected in the product list. |

**3-** **User management**

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| Use case ID | UC-03 |
| Use case name | Admin Users Management |
| Preconditions: | -Admin is logged into the system.  -The admin has the necessary permissions for user management |
| Postconditions: | **-**User information is successfully updated in the system, Changes are reflected in the user interface. |
| Actor: | Admin |
| Trigger: | -Admin selects the "User Management" option from the admin dashboard. |
| Goal: | -To manage and update user information in the system. |
| Standard Process (Main Success Scenario): | -Admin logs into the system using valid credentials.  -Admin navigates to the admin dashboard.  -Admin selects the "User Management" option.  -System displays a list of existing users.  -Admin selects a specific user to manage.  -System presents options for user management, including:  a. View user details.  b. Edit user information (name, email, etc.).  c. Add new users to the system.  d. Deactivate or delete existing user accounts.  Admin chooses an action and provides the necessary details.  System updates the user information.  Changes are reflected in the user list. |

**4- Orders management**

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| Use case ID | UC-04 |
| Use case name | Admin Orders Management |
| Preconditions: | **-**Admin is logged into the system.  -The admin has the necessary permissions for order management |
| Postconditions: | **-**Order information is successfully updated in the system.  -Changes are reflected in the order status and relevant user accounts. |
| Actor: | Admin |
| Trigger: | -Admin selects the "Order Management" option from the admin dashboard. |
| Goal: | -To manage and update order information in the system. |
| Standard Process (Main Success Scenario): | -Admin logs into the system using valid credentials.  -Admin navigates to the admin dashboard.  -Admin selects the "Order Management" option.  -System displays a list of existing orders, including order details (order number,total etc.).  -Admin selects a specific order to manage.  - System presents options for order management, including:  a. View detailed order information.  b. Update order status (e.g., processing, shipped, delivered, canceled).  c. Add or remove products from the order.  Admin chooses an action and provides the necessary details.  System updates the order information.  Changes are reflected in the order list and relevant user accounts. |

**5-Feedback management**

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| Use case ID | UC-05 |
| Use case name | Admin Feedback Management |
| Preconditions: | -Admin is logged into the system.  -The admin has the necessary permissions for feedback management. |
| Postconditions: | -Feedback information is successfully processed and may influence improvements in the system. |
| Actor: | Admin |
| Trigger: | -Admin selects the "Feedback Management" option from the admin dashboard. |
| Goal: | -To manage feedback provided on the website. |
| Standard Process (Main Success Scenario): | -Admin logs into the system using valid credentials.  -Admin navigates to the admin dashboard.  -Admin selects the "Feedback Management" option.  -System displays a list of user feedback, including details such as the user's name, date, and feedback content.  -Admin selects a specific feedback entry to manage.  -System presents options for feedback management, including:  a. View detailed feedback content.  b. Categorize the feedback (e.g., positive, negative, suggestion).  Admin chooses an action and provides the necessary details.  If necessary, admin communicates with the user for clarification or additional information.  Changes are reflected in the feedback list. |

**6-User registration**

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| Use case ID | UC-06 |
| Use case name | User Registration |
| Preconditions: | -The user is accessing the website for the first time.  -The user has a valid email address. |
| Postconditions: | -User account is successfully created.  -User is logged into the system. |
| Actor: | User |
| Trigger: | -User clicks on the "Sign Up” button. |
| Goal: | -To create a new user account on the website. |
| Standard Process (Main Success Scenario): | -User navigates to the registration page.  -System presents a registration form, requesting information such as name, email, password, etc.  -User enters valid registration details.  -System validates the entered information.  - If validation is successful:  a. System creates a new user account.  User account is activated, and the user is redirected to the login page.  User logs in with the newly created credentials. |

**7-User login**

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| Use case ID | UC-07 |
| Use case name | User Login |
| Preconditions: | -User account is successfully registered.  -User has valid login credentials. |
| Postconditions: | -User is successfully authenticated and logged into the system.  -User gains access to personalized features. |
| Actor: | User |
| Trigger: | -User clicks on the "Log In" button. |
| Goal: | -To access the user account on the website. |
| Standard Process (Main Success Scenario): | -User navigates to the login page.  -System presents a login form, requesting the user's email and password.  -User enters valid login credentials.  -System verifies the credentials against the stored data.  If the credentials are valid:  a. System logs the user into the system.  b. User gains access to personalized features (cart, wish list, etc.).  c. User is redirected to the main user page (cookies page).  If the credentials are invalid:  a. System displays an error message indicating the login failure.  b. User is prompted to re-enter the credentials. |

**8-User feedback**

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| Use case ID | UC-08 |
| Use case name | User Feedback |
| Preconditions: | -User is logged into the website.  -The user is on the "Contact Us" page. |
| Postconditions: | -Feedback is successfully submitted through the contact form.  -The feedback shown in admin dashboard in feedback management part. |
| Actor: | User |
| Trigger: | -User clicks on the "Contact Us" link or button. |
| Goal: | -To provide feedback or inquiries through the website's contact form. |
| Standard Process (Main Success Scenario): | -User navigates to the "Contact Us" page.  -System presents a contact form with fields such as name, email, and message.  -User fills in the required information and provides feedback in the message field.  -User clicks on the "Submit" or "Send" button.  -System validates the entered information.  If validation is successful:  a. System records the feedback in the admin dashboard. |

**9-User search**

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| Use case ID | UC-09 |
| Use case name | User Search for Specific Product |
| Preconditions: | -User is on the website's main page or a product-related page.  -The website has an active search functionality. |
| Postconditions: | -User is presented with relevant search results based on the entered query.  -User can view detailed information about the specific product. |
| Actor: | User |
| Trigger: | -User enters a search query in the search bar and clicks the "Search" button. |
| Goal: | -To find and view detailed information about a specific product on the website. |
| Standard Process (Main Success Scenario): | -User navigates to the website's main page or a product-related page.  -User locates the search bar on the page.  -User enters a search query for a specific product.  -System processes the search query.  -System presents a list of relevant search results, including product names and brief descriptions.  -User clicks on a specific search result.  -System displays detailed information about the selected product, including name, price, description, and images.  -Optionally, user adds the product to the cart or Wishlist. |

**10-User add product to the cart**

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| Use case ID | UC-10 |
| Use case name | User Add Product to Cart |
| Preconditions: | -User is logged into the website.  -User is on the product details page or a page displaying the product. |
| Postconditions: | -Product is successfully added to the user's cart.  -User has the option to proceed to checkout. |
| Actor: | User |
| Trigger: | -User clicks the "Add to Cart" button on the products page. |
| Goal: | -To add a specific product to the user's shopping cart. |
| Standard Process (Main Success Scenario): | -User navigates to the product details page or a page displaying the product.  -User clicks the "Add to Cart" button.  -System adds the selected product to the user's shopping cart.  -System updates the cart icon to reflect the added product.  -Optionally, User can continue shopping or proceed to the cart for checkout. |

**11-User add product to the Wishlist**

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| Use case ID | UC-11 |
| Use case name | User Add Product to Wishlist |
| Preconditions: | -User is logged into the website.  -User is on the product details page or a page displaying the product. |
| Postconditions: | -Product is successfully added to the user's Wishlist.  -User can view and manage products in their Wishlist. |
| Actor: | User |
| Trigger: | -User clicks the "Add to Wishlist" button on the products page. |
| Goal: | -To add a specific product to the user's Wishlist for future reference. |
| Standard Process (Main Success Scenario): | -User navigates to the product details page or a page displaying the product.  -User clicks the "Add to Wishlist" button.  -System adds the selected product to the user's Wishlist.  -Optionally, user can continue shopping or view their Wishlist for later reference. |

**12-User track the order**

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| Use case ID | UC-12 |
| Use case name | User Track the Order |
| Preconditions: | -User is logged into the website.  -User has placed an order recently. |
| Postconditions: | -The user is provided with information on the order status.  -User may receive notifications for significant order updates. |
| Actor: | User |
| Trigger: | -User clicks on the "orders" option in the user account or order confirmation page. |
| Goal: | -To check the status and details of a placed order. |
| Standard Process (Main Success Scenario): | -User logs into their account on the website.  -User navigates to the "Order History" or "Track Order" or "My Orders" section.  -System displays a list of the user's recent orders.  -User selects the specific order they want to track.  System presents order information, including status, estimated delivery date. |

* **User workflow**

A diagram of a flowchart

Description automatically generated

* **Admin workflow**

**A diagram of a company

Description automatically generated**