

ID:	R1D1
Title:	Register
Trigger:	User wants to login or sign up.
Primary Actor:	User/Admin.
Preconditions:	<ul style="list-style-type: none"><li>• The user has already an email.</li><li>• The admin has already admin email.</li></ul>
Postconditions:	<ul style="list-style-type: none"><li>• The User/Admin account is activated.</li><li>• The User/Admin can log in with the provider email and password.</li></ul>
Main flow:	<ul style="list-style-type: none"><li>• User/Admin Selects the (Sign up) option.</li><li>• User/Admin Selects whether to register as a regular user or an admin.</li><li>• User/Admin enters name, email and password.</li><li>• System collects and stores user information.</li><li>• If entered email matches the pre-approved admin email system recognizes the user as an admin and collects and stores admin information.</li><li>• If the entered email doesn't match the admin email, then ((Scenario 1)).</li><li>• System Sends a verification email.</li><li>• User/Admin receives the email, clicks on the verification link.</li><li>• System verifies email and make account active.</li><li>• User/Admin selects the (log in) option.</li><li>• User/Admin enters email and password.</li><li>• System validates email and password and logs in the user.</li></ul>
Alternative flow:	<ul style="list-style-type: none"><li>• <b>Scenario 1:</b> System display an error message indicating that entered email isn't an admin email and user is prompted to enter as a user instead of admin.</li><li>• <b>Scenario 2:</b> If the user/admin attempts to register with an already used email, the system prompts the User/Admin to use a different email:<ul style="list-style-type: none"><li>○ System displays an error message indicating that the entered email is already associated with an existing account.</li><li>○ User/Admin is prompted to log in with the existing account.</li></ul></li><li>• <b>Scenario 3:</b> if the User/Admin forgets their password during the login process, they can reset it:<ul style="list-style-type: none"><li>○ User clicks on the (Forgot Password).</li><li>○ System prompts the user/admin to enter their registered email.</li><li>○ System sends a password reset email to the user.</li><li>○ User clicks on the link in the email , resetting the password.</li></ul></li><li>• <b>Scenario 4:</b> If the entered email is in an invalid format, the system prompts the User/Admin to enter a valid email:<ul style="list-style-type: none"><li>○ System displays an error message indicating that the entered email format is invalid.</li><li>○ User/Admin is prompted to enter a valid email address.</li></ul></li></ul>

ID:	R2D1
Title:	Browsing
Trigger:	User wants to explore products.
Primary Actor:	User
Preconditions:	<ul style="list-style-type: none"><li>• The user is logged in.</li></ul>
Postconditions:	<ul style="list-style-type: none"><li>• The user has explored products available In the website and may proceed to the shopping process.</li></ul>
Main flow:	<ul style="list-style-type: none"><li>• User navigates to the website.</li><li>• System display top selling products and variety of products categories.</li><li>• User selects a category for browsing.</li><li>• System presents a list of available products within the selected category and user can move to product page to browsing all available products in this category.</li><li>• User can click on a specific item to view details (available sizes, images, description, price).</li></ul>
Alternative flow:	<ul style="list-style-type: none"><li>• <b>Scenario 1:</b> if the selected category has no items, the system informs the user:<ul style="list-style-type: none"><li>○ System displays a message indicating that there are currently no dressing items in the selected category.</li><li>○ User is prompted to explore other categories.</li></ul></li></ul>

ID:	R3D1
Title:	Explore offers
Trigger:	User wants explore available offers.
Primary Actor:	User
Preconditions:	<ul style="list-style-type: none"><li>• The user is logged in.</li><li>• There are active offers in the system.</li></ul>
Postconditions:	<ul style="list-style-type: none"><li>• Offers applied to checkout process.</li></ul>
Main flow:	<ul style="list-style-type: none"><li>• User visits the homepage.</li><li>• System displays active offers on the homepage.</li><li>• User can accesses the dedicated offers section for explore all available offers.</li><li>• User can add products from one available offers and this offers reflect on checkout process.</li></ul>
Alternative flow:	<ul style="list-style-type: none"><li>• <b>Scenario 1:</b> If there are no active offers, the system notifies the user:<ul style="list-style-type: none"><li>○ System displays a message indicting that there are currently no active offers.</li></ul></li></ul>

ID:	R4D1
Title:	Shopping
Trigger:	User Wants to make a purchase.
Primary Actor:	User
Preconditions:	<ul style="list-style-type: none"><li>• The user is logged in.</li><li>• There are products available in the system.</li></ul>
Postconditions:	<ul style="list-style-type: none"><li>• Shopping completed successfully.</li><li>• The order reflects any applied offers.</li></ul>
Main flow:	<ul style="list-style-type: none"><li>• User browsing website.</li><li>• User select item he/she needs to add and determine numbers of pieces needed and size.</li><li>• If number of pieces determined available in the store product add to shopping cart.</li><li>• User can then reviews and edits (add, change quantity, delete) products exist in the shopping cart and he can know total price of selected products.</li><li>• User proceeds to checkout or continues browsing.</li></ul>
Alternative flow:	<ul style="list-style-type: none"><li>• <b>Scenario 1:</b> If determined size doesn't available in the store at present system displays an error message indicating that the requested size doesn't available in the store at present.</li><li>• <b>Scenario 2:</b> If the number of pieces the user determine doesn't available in the store, the system notifies the user:<ul style="list-style-type: none"><li>○ System displays an error message indicating that the requested quantity exceeds the available stock.</li><li>○ User is prompted to reduce the quantity or remove items from the shopping process.</li></ul></li></ul>

ID:	R5D1
Title:	Search
Trigger:	User wants to find a specific product.
Primary Actor:	User
Preconditions:	<ul style="list-style-type: none"><li>• The user is logged in.</li></ul>
Postconditions:	<ul style="list-style-type: none"><li>• The user has found the desired product.</li></ul>
Main flow:	<ul style="list-style-type: none"><li>• User utilizes the search bar.</li><li>• System provides relevant suggestions after at least two letters are entered.</li><li>• User selects a suggested product or refines the search.</li><li>• System will display all related products based on entered search terms.</li></ul>
Alternative flow:	<ul style="list-style-type: none"><li>• <b>Scenario 1:</b> If the search bar returns no results, the system suggests alternatives:<ul style="list-style-type: none"><li>○ System displays a message indicating that no results were found for the entered search terms</li><li>○ User is prompted to modify the search items or explore different products.</li></ul></li></ul>

ID:	R6D1
Title:	Sort and filter
Trigger:	User wants to refine and organize the product list based on specific criteria.
Primary Actor:	User
Preconditions:	<ul style="list-style-type: none"><li>The user is logged in.</li></ul>
Postconditions:	The product list is shown, sorted, and filtered based on the choices made by the user.
Main flow:	<ul style="list-style-type: none"><li>The user selects the "Filter and Sort" option.</li><li>The system displays filter and sorting options.</li><li>The user chooses filter criteria (e.g., size: Small, color: Blue, category: Tops).</li><li>The user selects sorting criteria (e.g., price, popularity).</li><li>The system applies both the chosen filters and sorting criteria to the product list.</li></ul>

ID:	R7D1
Title:	Checkout
Trigger:	User has finished selecting items and is ready to complete the purchase.
Primary Actor:	User
Preconditions:	<ul style="list-style-type: none"><li>• The user is logged in.</li><li>• The user has added items to the shopping cart .</li></ul>
Postconditions:	<ul style="list-style-type: none"><li>• The admin confirms the order and generates a unique order ID.</li><li>• The user receives an order confirmation with details and the unique ID.</li></ul>
Main flow:	<ul style="list-style-type: none"><li>• The user selects the "Checkout" option.</li><li>• The user enters shipping details (name, address, contact information).</li><li>• The user selects a payment method from available options (credit card, PayPal)</li><li>• The system validates the provided information and payment method.</li></ul>
Alternative flow:	<ul style="list-style-type: none"><li>•If the entered information is incomplete or invalid, the system prompts the user to correct errors.</li><li>• If the selected payment method is declined, the system notifies the user and allows them to choose another method.</li></ul>

ID:	R8D1
Title:	Browsing orders
Trigger:	User wants to review their previous orders.
Primary Actor:	User
Preconditions:	<ul style="list-style-type: none"><li>• The user is logged in.</li></ul>
Postconditions:	<ul style="list-style-type: none"><li>• The user has successfully viewed their order history, including details and status.</li></ul>
Main flow:	<ul style="list-style-type: none"><li>• The user navigates to the "Order History" section .</li><li>• The system displays a list of the user's previous orders, including order details and status.</li><li>• The user can select a specific order to view more details:<ul style="list-style-type: none"><li>○ Billing and shipping information.</li><li>○ Order items and quantities.</li><li>○ Order status and tracking details.</li></ul></li></ul>
Alternative flow:	<ul style="list-style-type: none"><li>• If the user has no previous orders, the system displays a message indicating an empty order history.</li></ul>



ID:	R9D1
Title:	Send message
Trigger:	User needs to communicate with administrators or provide feedback.
Primary Actor:	User
Preconditions:	The user is logged in.
Postconditions:	<ul style="list-style-type: none"><li>The user successfully sends a message to the administrators.</li></ul>
Main flow:	<ul style="list-style-type: none"><li>The user navigates to the "Messages" or "Contact Us" section.</li><li>The user selects the option to compose a new message.</li><li>The system presents a message composition form.</li><li>The user enters the message content.</li><li>The user selects the recipient as "Administrator" or a specific department.</li></ul>
Alternative flow:	<ul style="list-style-type: none"><li>If the message composition form is not complete, the system prompts the user to fill in all required fields.</li><li>If there is an issue sending the message, the system displays an error message and prompts the user to try again.</li></ul>

ID:	R10D2
Title:	Manage products
Trigger:	Admin needs to add ,edit or remove product.
Primary Actor:	Admin
Preconditions:	<ul style="list-style-type: none"><li>• The admin is logged into their administrative account on the website.</li><li>• Admin has the necessary permissions for product management.</li></ul>
Postconditions:	<ul style="list-style-type: none"><li>• The new product is added to the catalog with the provided details and assigned categories.</li></ul>
Main flow:	<ul style="list-style-type: none"><li>• The admin navigates to the "Product Management".</li><li>• Admin select add product option.</li><li>• System presents a form for product details (name, price, description, images, etc.).</li><li>• Admin fills in the required information.</li><li>• Admin saves the new product. ((Scenario 1))</li><li>• Admin selects an existing product to edit.</li><li>• System displays the product details to edit it.</li><li>• Admin modifies the necessary details (price, description, images, etc.).</li><li>• Admin saves the changes to the product. ((Scenario 2))</li><li>• Admin selects an existing product to remove.</li><li>• Admin confirms deletion, and the product is removed from the category. ((Scenario 2))</li></ul>
Alternative flow:	<ul style="list-style-type: none"><li>• <b>Scenario 1:</b> If the form is incomplete, the system prompts the admin to fill in all required fields and If there is an error in saving, the system displays an error message and prompts the admin to retry.</li><li>• <b>Scenario 2:</b> If the selected product is not found or there is an error, the system notifies the admin and prompts them to try again.</li></ul>

ID:	R11D2
Title:	Manage order
Trigger:	Admin wants to manage order ordered by the user.
Primary Actor:	Admin
Preconditions:	<ul style="list-style-type: none"><li>• The admin is logged into their administrative account on the website.</li><li>• Admin has the necessary permissions for order management.</li><li>• The user has already ordered.</li></ul>
Postconditions:	<ul style="list-style-type: none"><li>• Orders are confirmed and updated with the appropriate status.</li><li>• Customers receive timely notifications about order confirmation, processing, shipping, and delivery.</li><li>• The admin has a clear overview of the order fulfillment process.</li></ul>
Main flow:	<ul style="list-style-type: none"><li>• The system presents an overview of pending orders.</li><li>• The admin selects an order to view its details.</li><li>• The system displays order information, including items, quantity, and customer details.</li><li>• The admin reviews the order details for accuracy.</li><li>• The admin confirms the order by selecting the "Confirm" option.</li><li>• The system updates the order status to "Confirmed."</li><li>• A confirmation message is sent to the customer, acknowledging the order confirmation.</li><li>• After confirming the order, the admin selects the same order for status updates.</li><li>• The system provides options to update the order status.</li><li>• The admin selects the appropriate status update (processing, shipped, delivered).</li><li>• If the admin selects "Processing," the system updates the order status accordingly.</li><li>• Automated notifications may be triggered to inform the customer that their order is now being processed.</li><li>• If the admin selects "Shipped," the system updates the order status to reflect shipping progress.</li><li>• Relevant tracking information is entered if applicable.</li><li>• An automated notification is sent to the customer with shipping details.</li><li>• If the admin selects "Delivered," the system updates the order status to indicate successful delivery.</li><li>• Confirmation of delivery triggers a notification to the customer.</li><li>• The order is marked as complete in the system</li></ul>

ID:	R12D2
Title:	Manage inventory
Trigger:	Admin wants to manage inventory.
Primary Actor:	Admin
Preconditions:	<ul style="list-style-type: none"><li>• The admin is logged into their administrative account on the website.</li><li>• Admin has the necessary permissions for inventory management.</li><li>• The system has existing product records with associated inventory levels.</li></ul>
Postconditions:	<ul style="list-style-type: none"><li>• The admin has a real-time view of product inventory levels.</li><li>• Inventory discrepancies are corrected through manual adjustments.</li><li>• The system alerts the admin promptly when low stock or out-of-stock conditions occur.</li><li>• Admin actions for inventory replenishment are documented in the audit trail.</li></ul>
Main flow:	<ul style="list-style-type: none"><li>• The admin navigates to the inventory management section in the admin interface.</li><li>• The system displays a comprehensive list of products with current inventory levels.</li><li>• Inventory details include product names, quantities on hand, and relevant product information.</li><li>• The admin selects a specific product to view detailed inventory information.</li><li>• The system provides real-time updates on the selected product's current stock level, including variations in different warehouses or locations.</li><li>• If the admin identifies discrepancies or wishes to adjust inventory levels:<ul style="list-style-type: none"><li>• The admin selects the "Manage Inventory" option.</li><li>• The system allows the admin to manually update stock quantities.</li><li>• An audit trail is generated to record the adjustment, including the admin's action and the timestamp.</li></ul></li><li>• The system continuously monitors inventory levels.</li><li>• If a product's stock falls below a predefined threshold:<ul style="list-style-type: none"><li>• The system automatically triggers a low stock alert.</li><li>• The alert is sent to the admin via the admin interface and, if configured, through email or other designated communication channels.</li></ul></li><li>• If a product's stock reaches zero:<ul style="list-style-type: none"><li>• The system triggers an out-of-stock alert.</li><li>• The alert is immediately sent to the admin through multiple communication channels.</li></ul></li><li>• Upon receiving a low stock or out-of-stock alert:<ul style="list-style-type: none"><li>• The admin reviews the affected products.</li><li>• The admin initiates actions to replenish inventory, such as placing new orders with suppliers, adjusting reorder points, or transferring stock between warehouses.</li></ul></li></ul>

ID:	R13D2
Title:	Browsing top-selling products
Trigger:	Admin wants to know which items is the top selling products.
Primary Actor:	Admin
Preconditions:	<ul style="list-style-type: none"><li>• The admin is logged into their administrative account on the website.</li><li>• Admin has the necessary permissions for browsing top-selling products.</li><li>• The system has existing sales data for products.</li></ul>
Postconditions:	<ul style="list-style-type: none"><li>• The admin has insights into the top-selling products.</li><li>• Detailed information is available for each top-selling product.</li></ul>
Main flow:	<ul style="list-style-type: none"><li>• The admin navigates to the sales analytics section within the admin interface.</li><li>• The system presents visualizations and reports on product sales.</li><li>• The admin can view a list or graphical representation of top-selling products based on recent sales data.</li><li>• The admin can analyze sales performance over time and identify factors contributing to the success of certain products.</li></ul>

ID:	R14D2
Title:	Manage offers
Trigger:	Admin wants to make some offers so customer would love to order .
Primary Actor:	Admin
Preconditions:	<ul style="list-style-type: none"><li>• The admin is logged into their administrative account on the website.</li><li>• Admin has the necessary permissions offers management.</li></ul>
Postconditions:	<ul style="list-style-type: none"><li>• A new discount or promotional offer is created and visible in the system.</li><li>• Existing discounts are managed and updated based on admin actions.</li></ul>
Main flow:	<ul style="list-style-type: none"><li>• The admin navigates to the offers section within the admin interface.</li><li>• The system provides options for the admin to create a new discount or promotional offer.</li><li>• The admin selects the "Create New" option.</li><li>• The admin enters details for the discount, including:<ul style="list-style-type: none"><li>• Discount type (percentage off, fixed amount, buy one get one, etc.).</li><li>• Applicable products or product categories.</li><li>• Start and end dates for the discount validity.</li><li>• Any minimum purchase requirements.</li></ul></li><li>• The admin sets conditions for the discount, such as:<ul style="list-style-type: none"><li>• Usage limitations (one-time use, multiple uses , etc.).</li></ul></li><li>• The system provides a preview of how the discount will be applied based on the specified conditions.</li><li>• The admin reviews the details and confirms the creation of the discount.</li><li>• The admin can view a list of existing discounts and promotions.</li><li>• The system allows the admin to edit, deactivate, or delete existing discounts as needed.</li><li>• A new discount or promotional offer is created and visible in the system.</li><li>• Existing discounts are managed and updated based on admin actions.</li></ul>

ID:	R15D2
Title:	Generate reports
Trigger:	Admin need to generate reports
Primary Actor:	Admin
Preconditions:	<ul style="list-style-type: none"><li>• The admin is logged into their administrative account on the website.</li><li>• Admin has the necessary permissions reports generation.</li></ul>
Postconditions:	<ul style="list-style-type: none"><li>• The admin has access to the generated report on the admin interface.</li><li>• The report is exported in the chosen format (CSV, PDF).</li></ul>
Main flow:	<ul style="list-style-type: none"><li>• The admin navigates to the reporting section within the admin interface.</li><li>• The system provides options for the admin to choose the type of report:<ul style="list-style-type: none"><li>• Sales Report</li><li>• Inventory Report</li><li>• Customer Behavior Report.</li></ul></li><li>• The admin sets parameters for the selected report, including:<ul style="list-style-type: none"><li>• Timeframe (daily, weekly, monthly, custom date range).</li><li>• Product categories or specific products (for sales and inventory reports).</li></ul></li><li>• The admin initiates the report generation process.</li><li>• The system retrieves and processes relevant data based on the specified parameters.</li><li>• The generated report is displayed on the admin interface.</li><li>• The admin has the option to export the generated report in common formats (e.g., CSV, PDF).</li><li>• The system provides export options, and the admin selects the desired format.</li><li>• The system generates the report in the chosen format.</li><li>• The admin downloads and saves the report to a local device or designated storage location.</li></ul>

ID:	R16D2
Title:	Review messages
Trigger:	Admin need to view and reply to messages
Primary Actor:	Admin
Preconditions:	<ul style="list-style-type: none"><li>• The admin is logged into their administrative account on the website.</li><li>• Admin has the necessary permissions message review.</li></ul>
Postconditions:	<ul style="list-style-type: none"><li>• The admin has read and responded to user messages.</li><li>• Users receive notifications about admin responses.</li><li>• The communication between the admin and users is documented within the system.</li></ul>
Main flow:	<ul style="list-style-type: none"><li>• The system notifies the admin about the new user message.</li><li>• The admin may receive a notification within the admin interface or through other designated communication channels.</li><li>• The admin navigates to the user messages section within the admin interface.</li><li>• The system displays a list of received messages, including sender details, time stamps, and message content.</li><li>• The admin selects a specific user message to read and review its content.</li><li>• The admin has the option to respond to user messages directly within the admin interface.</li><li>• The system allows the admin to type and send a response to the user.</li><li>• After the admin sends a response, the system notifies the user about the admin's reply.</li><li>• The user may receive a notification within the user interface or through other designated communication channels.</li></ul>