

Team 65 Textual Use Cases

CUSTOMER TEXTUAL USE CASES

C1: Account Management

Brief Description	This use case describes how a customer creates, logs into, or logs out of a NOVA account to access personalised features and manage their shopping activity.
Actor(s)	Customer (new or registered)
Main success scenarios	
Basic Flow	
1.	User opens the registration or login page.
2.	Enters full name, email, and password.
3.	System validates inputs, creates an account, or authenticates credentials.
4.	Upon login, the homepage is displayed with user options.
5.	User selects “Log Out” to end the session.
Alternate Flows	
Title	Description
Invalid Credentials	On registration, if email exists, system shows error and suggests login or password reset. On login, if email/password invalid, system shows error and invites retry or reset.
Pre-Conditions	
Title	Description
Active Website and Services	The NOVA website and authentication services are online and connected to the database.
Post-Conditions	
Title	Description
Account or Session Updated	A new account is created and stored, or an existing session is securely initiated or closed.

C2: Browse and View Products

Brief Description	Customer browses perfumes in the NOVA catalogue, applies filters, and views details for selected products.
Actor(s)	Customer (new or registered)
Main success scenarios	
Basic Flow	
<ol style="list-style-type: none"> 1. User opens the products page. 2. Applies filters or enters search terms. 3. System displays matching perfumes with names, images, and prices. 4. User selects a product to view full details, including description, stock, and variants. 5. User selects a preferred variant or size. 	
Alternate Flows	
Title	Description
No Products Found	If no items match the search, the system displays a message "No perfumes found" and allows a new search.
Pre-Conditions	
Title	Description
Catalogue Available	Product data exists in the database and is accessible through the front-end interface.
Post-Conditions	
Title	Description
Product Information Displayed	The system successfully retrieves and presents relevant perfume details.

C3: Add to Cart and Checkout

Brief Description	Registered customer adds perfumes to the shopping cart and completes a simulated checkout with order confirmation.
Actor(s)	Registered customer
Main success scenarios	
Basic Flow	
1.	User adds items to the cart.
2.	Reviews the order on the checkout page.
3.	Enters delivery details and completes payment.
4.	System validates, saves the order, and clears the cart.
5.	Confirmation message is displayed.
Alternate Flows	
Title	Description
Payment Failed	If payment validation fails, the system displays an error and offers retry or cancellation options.
Pre-Conditions	
Title	Description
Authenticated User	Customer is logged in and has at least one product added to the cart.
Post-Conditions	
Title	Description
Order Recorded	Order details are saved in the database, and the user receives a confirmation message.

ADMIN TEXTUAL USE CASES

A1: Manage Products (Add / Edit
/ Delete)

Brief Description	Administrator adds, edits, or deletes perfume listings to maintain an up-to-date catalogue.
Actor(s)	Administrator
Main success scenarios	
Basic Flow	
<ol style="list-style-type: none"> 1. Admin accesses the product dashboard. 2. Creates or edits product details such as name, price, or image. 3. System validates input and saves updates. 4. Updated products appear in the catalogue. 	
Alternate Flows	
Title	Description
Invalid Input	If product details are missing or incorrect, the system displays an error message until corrected.
Pre-Conditions	
Title	Description
Admin Access Granted	Administrator is logged in with permission to modify product data.
Post-Conditions	
Title	Description
Product Database Updated	Product records are successfully added, edited, or deleted.

A2: Manage Orders and Content

Brief Description	Administrator reviews customer orders and updates homepage content such as banners or featured products.
Actor(s)	Administrator
Main success scenarios	
Basic Flow	
<ol style="list-style-type: none"> 1. Admin navigates to the “Orders and Content” section. 2. Reviews customer orders and updates order statuses. 3. Edits homepage banners or promotional content. 4. System validates and saves all changes. 	
Alternate Flows	
Title	Description
No Orders Available	If there are no existing orders, the system displays a message and allows the admin to update content only.
Pre-Conditions	
Title	Description
Admin Logged In	The administrator is authenticated and has access to manage orders and content.
Post-Conditions	
Title	Description
Data Updated	Orders and promotional content are saved and reflected on the website.