

**Day 5 - Testing and Backend Refinement-  
Aromas**

**Asaad Hussain**

**00414030**

**GIAIC, Quarter 2**

**21<sup>th</sup> January 2025**

# Table of Content

Functional Testing	3
Error Handling	5
Performance Optimization	7
Cross Browser and Device Testing	7
User Acceptance Testing	7
Screenshots	8
Test Results	9

## Functional Testing

The functional testing includes running all the possible test cases on the functions of the site and noting the responses

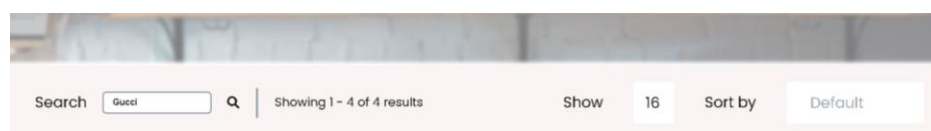
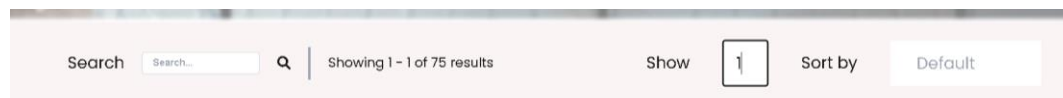
### Product list

Checked if the products are displaying on the shop page



### Items per page, Search, Sorting

Checked the implementation of items per page, the search bar and Sorting of the products



Search

Showing 1 - 5 of 58 results

Show

Sort by



Oriental Spices Perfume  
Rs. 3200



ACQUA DI  
Rs. 1800



Miss Dior Perfume  
Rs. 3000



THE SENSES perfume  
Rs. 2200

## Pagination

Reviewed if the pagination buttons are were as expected



Oriental Spices Perfume  
Rs. 3200



ACQUA DI  
Rs. 1800



Miss Dior Perfume  
Rs. 3000



THE SENSES perfume  
Rs. 2200

1

2

3

Next

## Dynamic Routing, Data of that product

The dynamic routing of every product to its detailed page, checking the implementation of the rating, comments on that product and the wish list if that product

Home > Shop > II LA FORCE Perfume



## II LA FORCE Perfume

Rs. 2400

★★★★★ 5 Customer Review

A zesty citrus fragrance that energizes your day.

Size

S M L

Color



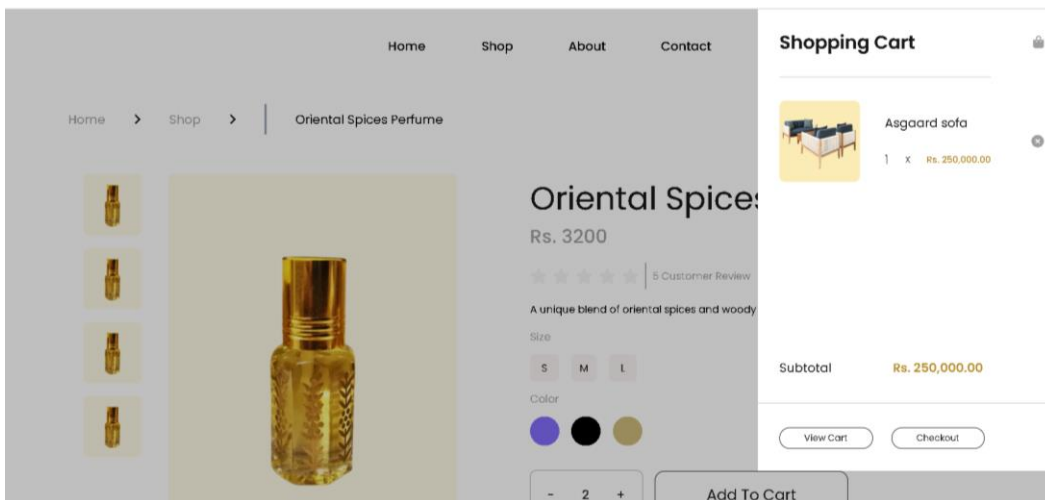
- 0 +

Add To Cart

Not Found

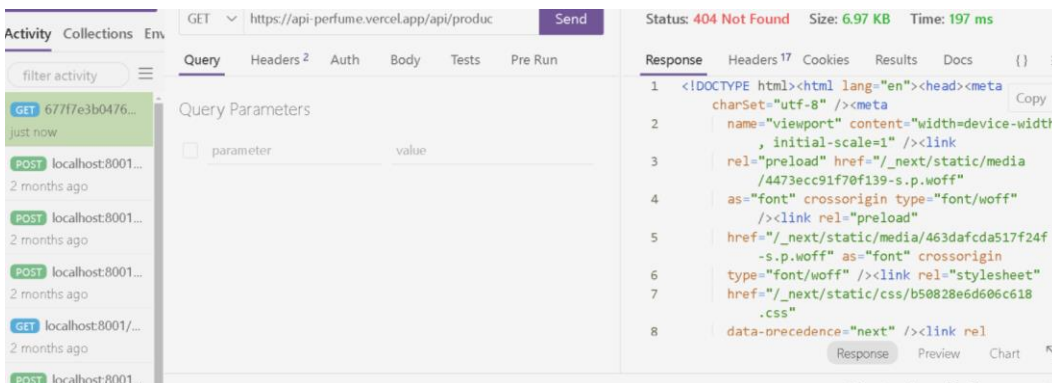
## Add to cart

Validating of add to cart works by performing different tests



## Tools used

To test the API response of the data and the API of GROQ response Thunder client was used



## Error Handling

Identifying if the UI and the API response are valid and the responses are shown on the frontend

## Fall back message

Checking if there are fall back messages in the UI if the GROQ or the API does not response

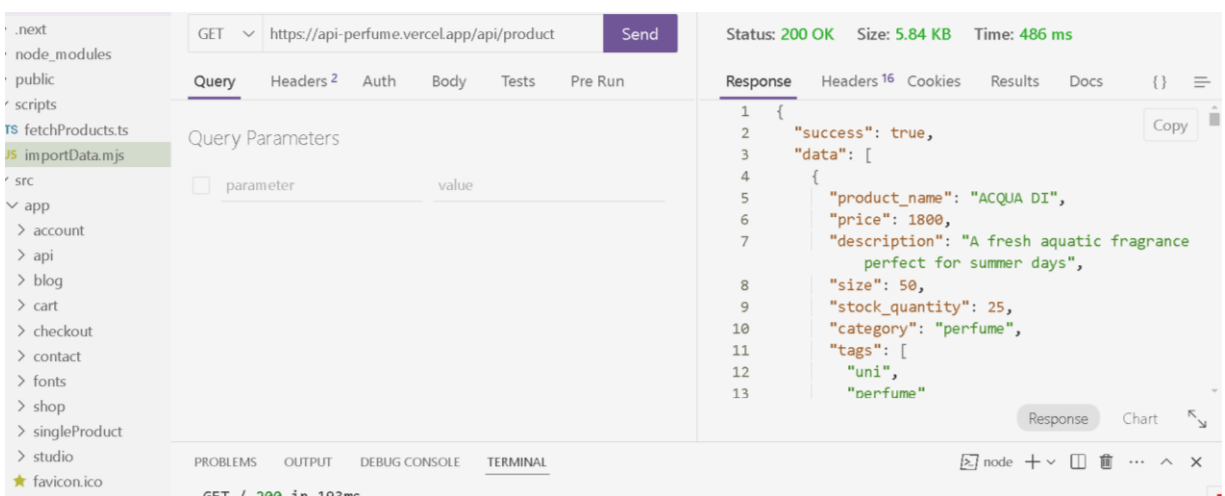
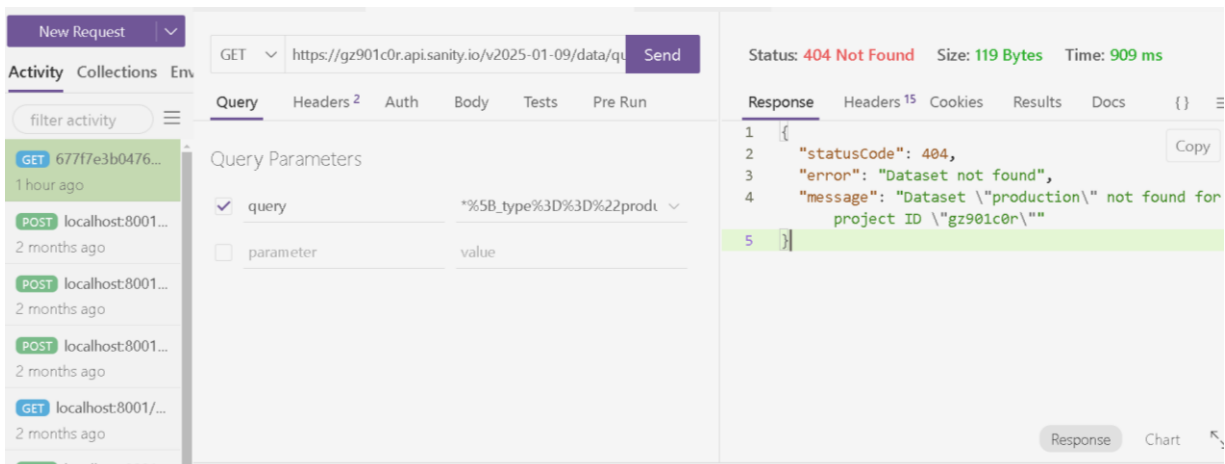
Not Found

Search Showing 1 - 0 of 0 results Show 16 Sort by Default

1 2 3 Next

## Tools used

Thunder client and web developer options on browser

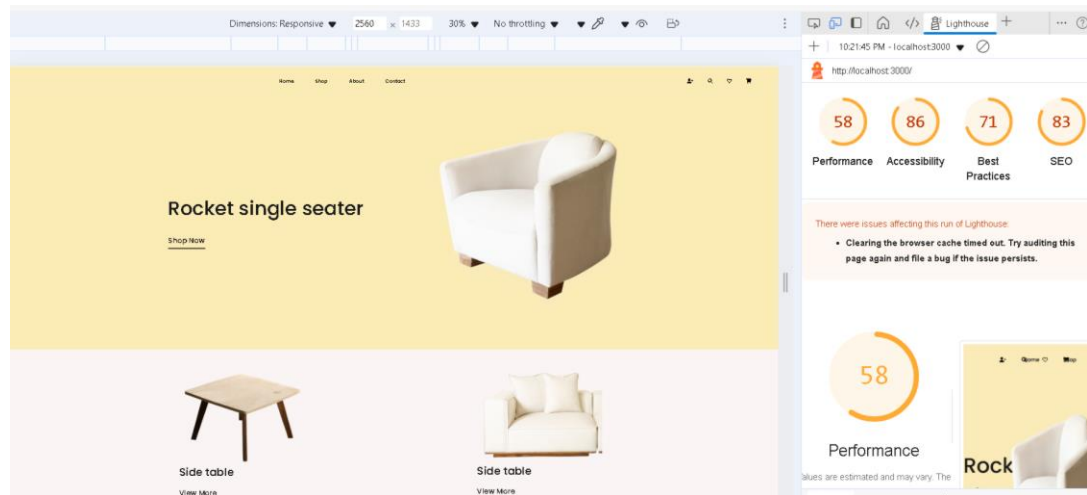


## Performance Optimization

Reviewing the performance of the website, like SEO, accessibility and speed

### Tools used

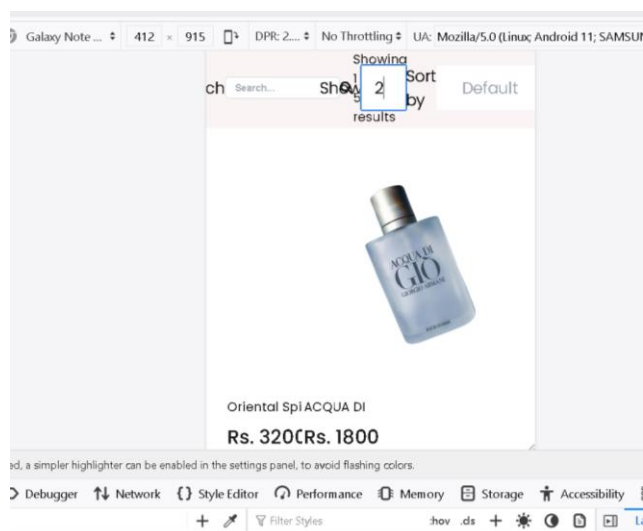
Google Lighthouse



## Cross-Browser and Device Testing

Checking if the UI is responsive to the screen size and works on other browsers,

The site is working on different browsers like Firefox, Chrome and Edge, although it is not responsive and does not adjust to the screen size



## User Acceptance Testing (UAT)

A friend was chosen to do UAT on the site

### User

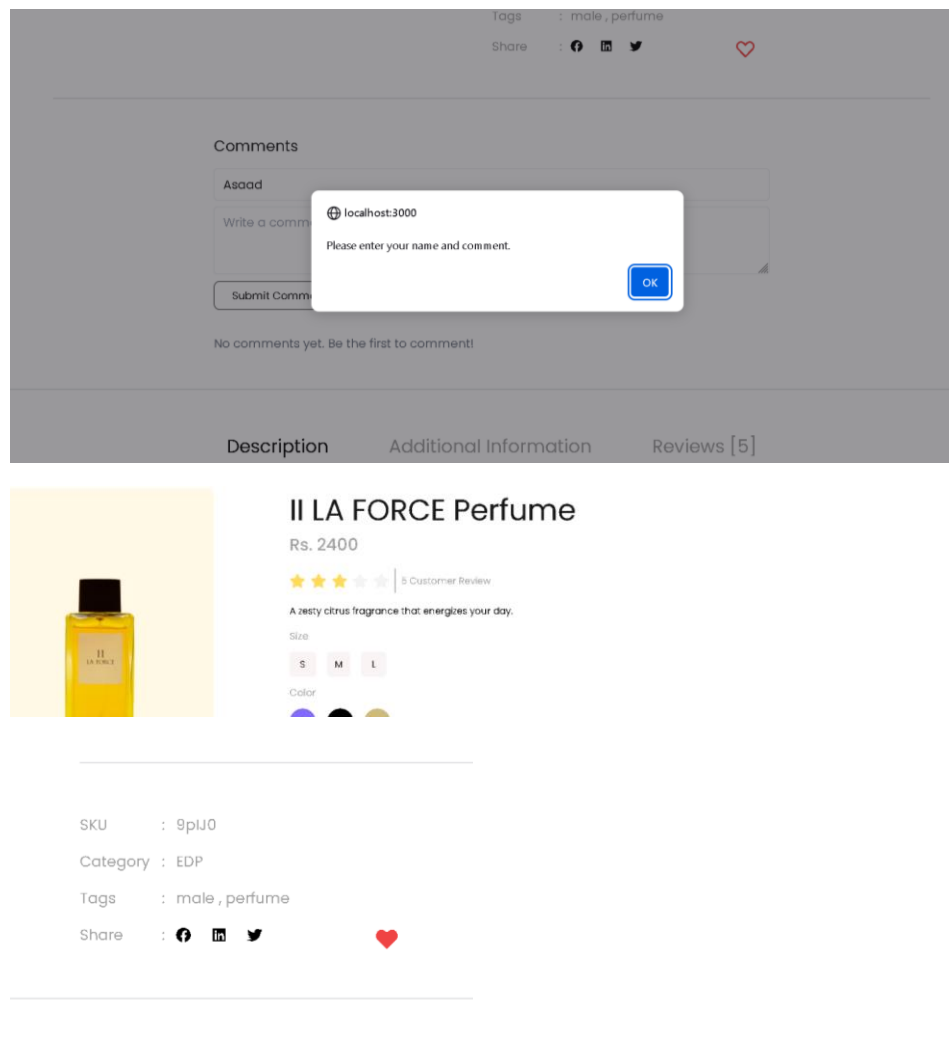
Name: Abdul Hadi, Student, no technical background

## Review

The UI is attractive but the site can only be viewed on larger screens, It is a bit slow for the fast paced world, there are very less functionalities for a ecommerce site.

The searching, pages of the products and the show number of products on page functionality is good

## Other Screenshots





## Testing Results

### Functionality missing

- Add to cart
- Wish list
- User registration
- Checkout
- Responsiveness
- Landing page

### Summary

The site lacks key functionalities and is incomplete, requiring significant development. Performance, speed optimization, and responsiveness need to be addressed to enhance user experience. However, the existing UI design is visually appealing and well-suited to the site's purpose although the landing page does not perceive that it is a perfume shop site. Prioritizing feature implementation and technical improvements will ensure the site meets user expectations while retaining its aesthetic appeal.