Project Report: AromaAura – E-Commerce Website

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1. Introduction

This project, titled 'AromaAura', is a fully functional perfume e-commerce website built using the Django framework. The site offers features like product display, add-to-cart functionality, a checkout form, and a sleek UI design using a pink and teal theme.

2. Objective

The main goal of this project is to build a responsive and elegant online platform for browsing and purchasing perfumes. It demonstrates the full web development cycle including frontend, backend, and database integration.

3. Technologies Used

- Python 3

- Django Framework

- SQLite Database

- HTML, CSS, Bootstrap

- Django Templates, ORM, and Admin Panel

4. Features

• Beautiful home page displaying all products

• Product detail view with image and description

• Add to cart and remove from cart functionality

• Checkout page with payment confirmation

• Admin panel for managing products

• Session-based cart without requiring login

5. How it Works

The user lands on the home page where all perfume products are displayed. Each product can be viewed in detail or added directly to the cart. The cart page lists all selected products, and users can proceed to checkout to place a mock order. Admin can manage products (add/edit/delete) through the Django admin panel.

6. How to Run the Project

1. Install Django using pip: pip install django

2. Run migrations: python manage.py makemigrations & migrate

3. Create a superuser: python manage.py createsuperuser

4. Start the server: python manage.py runserver

5. Visit: http://127.0.0.1:8000 to use the website

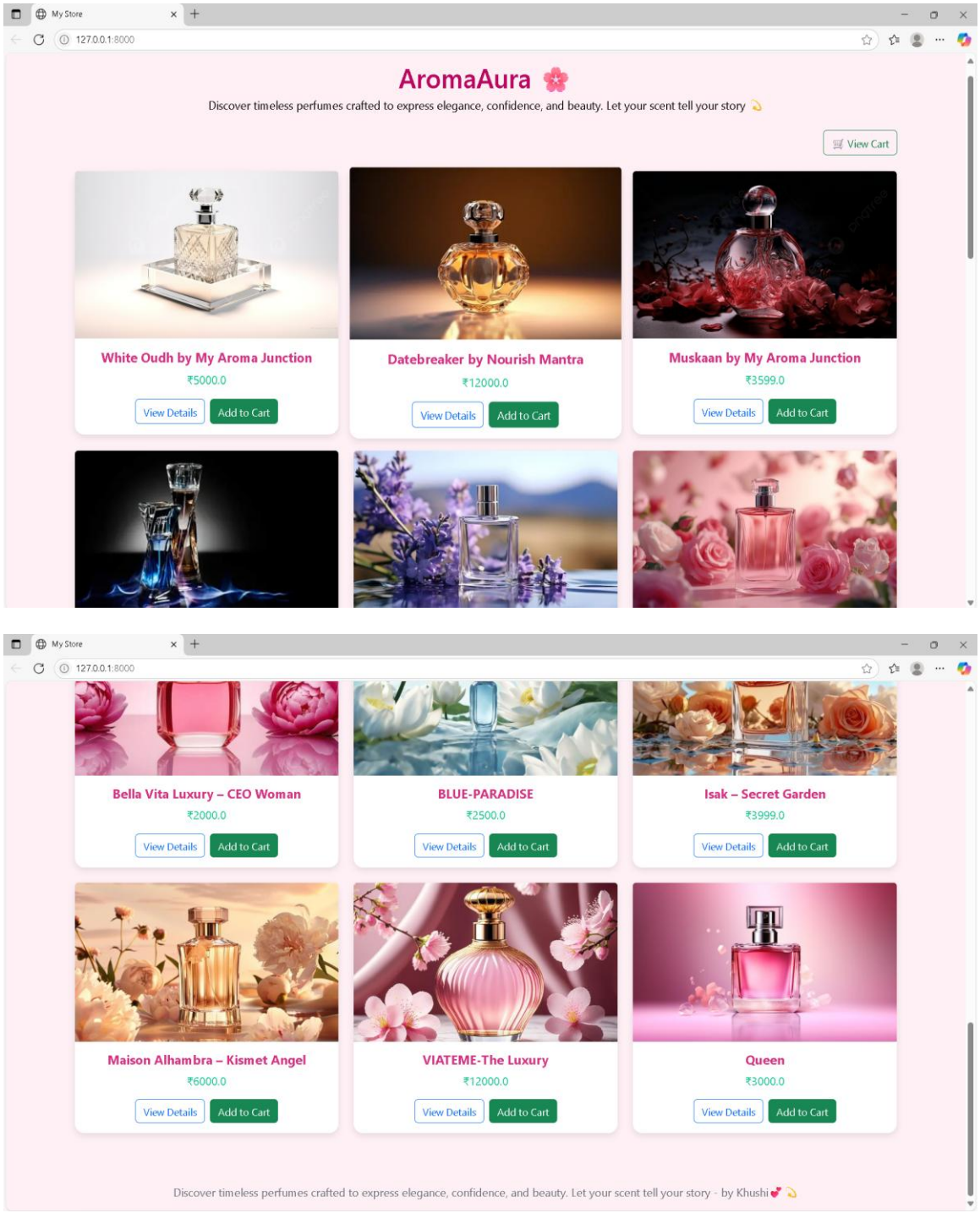
6. Visit: http://127.0.0.1:8000/admin to add products

7. Conclusion

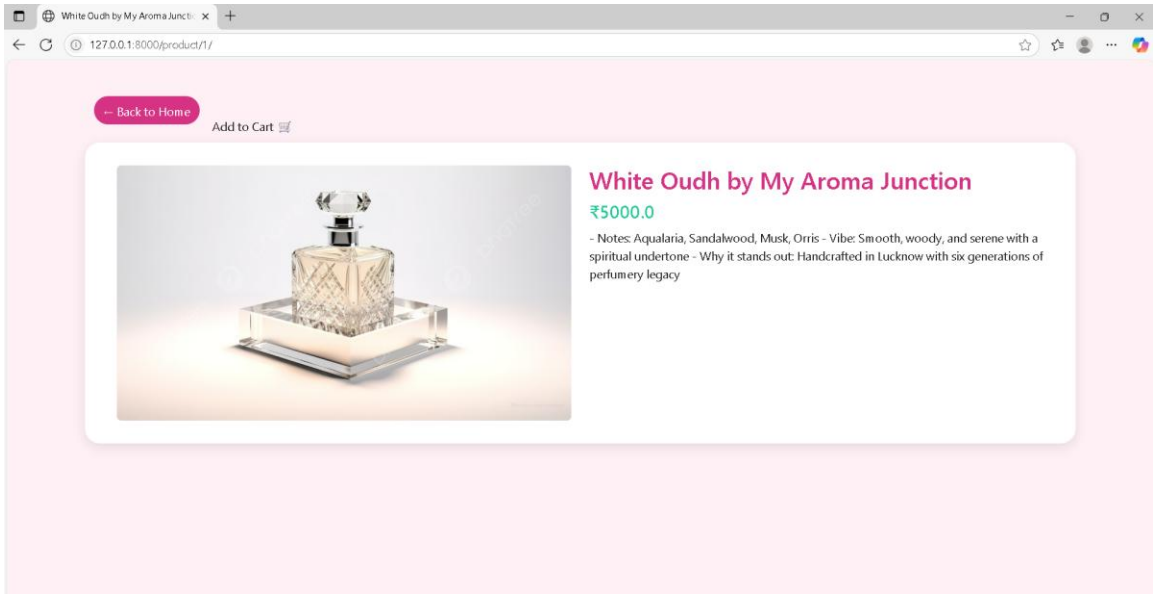
This project helped in understanding full-stack development using Django. It demonstrates backend logic, database usage, user interaction through session storage, and a clean frontend layout for real-world applications.

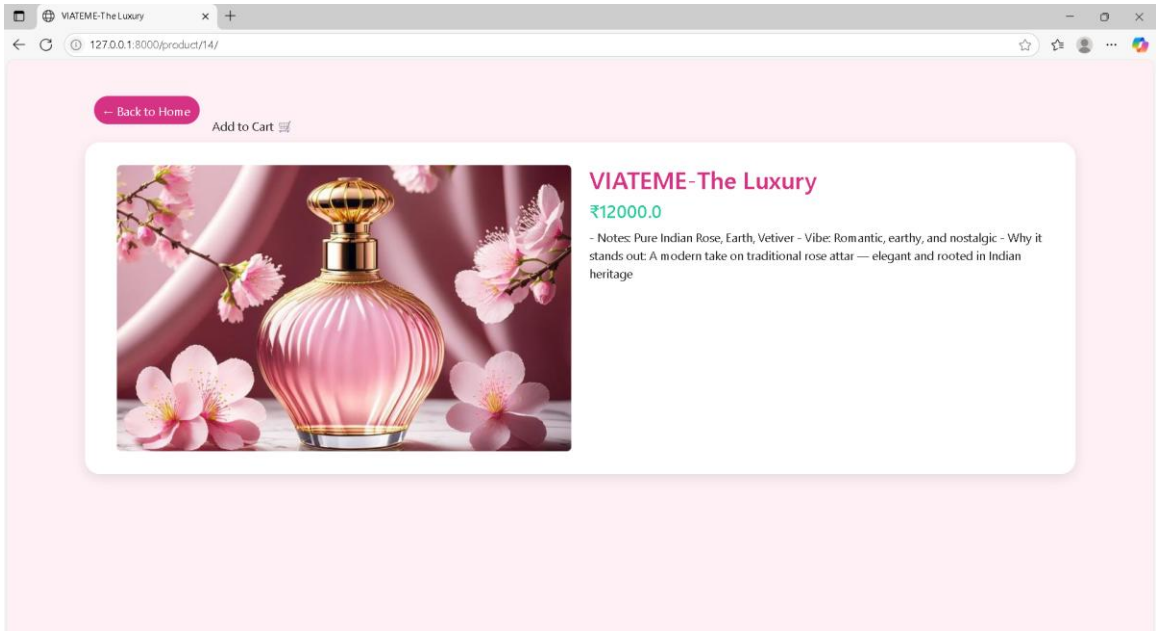
8. Screenshots

- Home Page

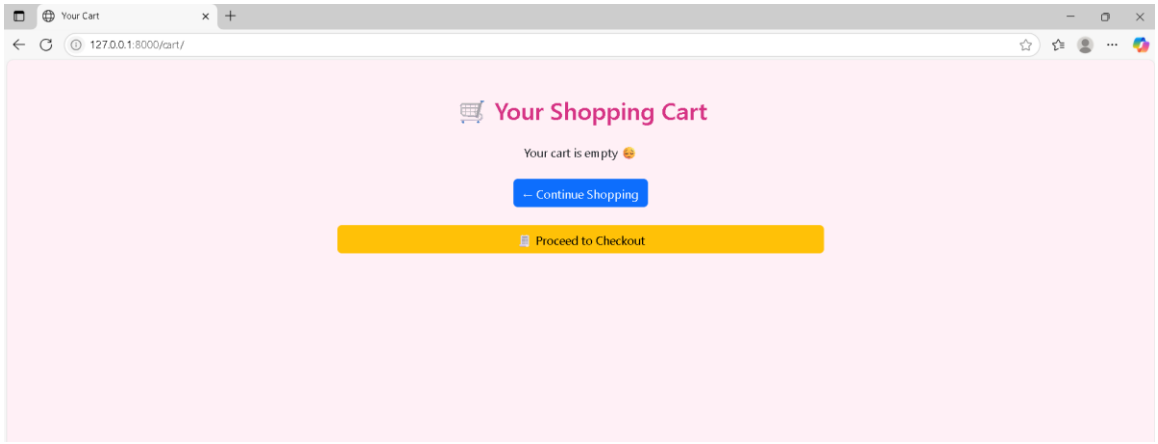


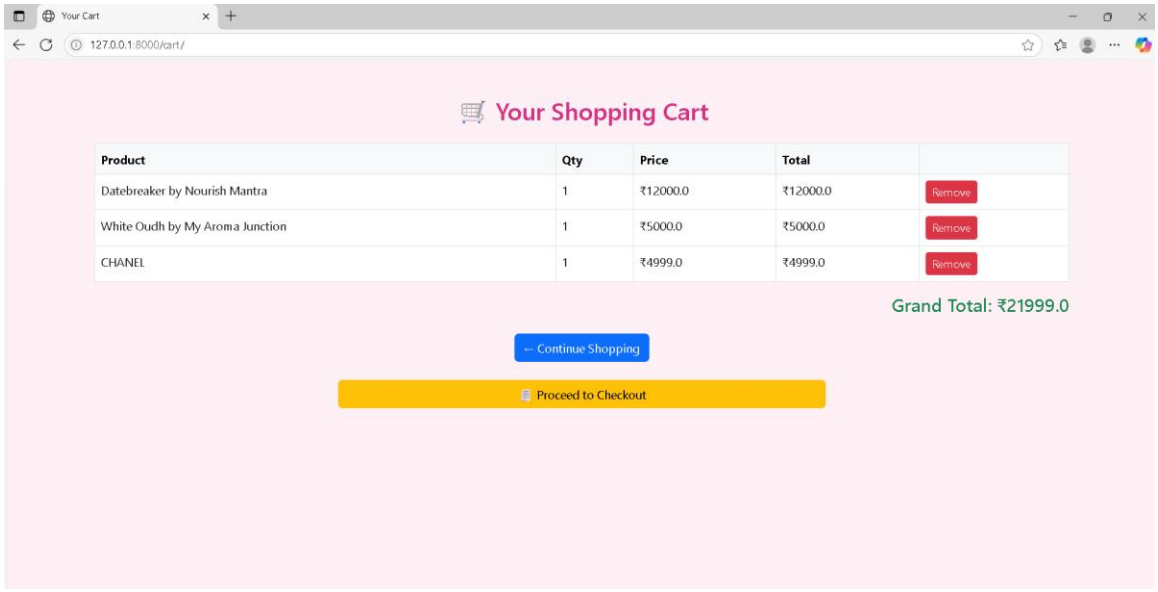
- Product Detail Page


White Oudh by My Aroma Junc
127.0.0.1:8000/product/1/
← Back to Home
Add to Cart
White Oudh by My Aroma Junction
₹5000.0
- Notes: Aqualaria, Sandalwood, Musk, Orris - Vibe: Smooth, woody, and serene with a spiritual undertone - Why it stands out: Handcrafted in Lucknow with six generations of perfumery legacy

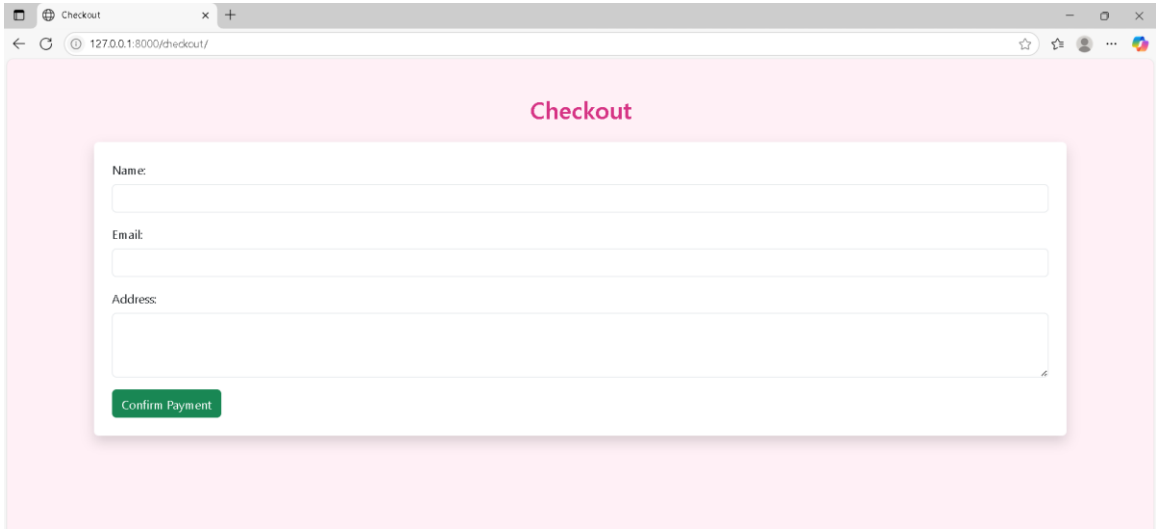
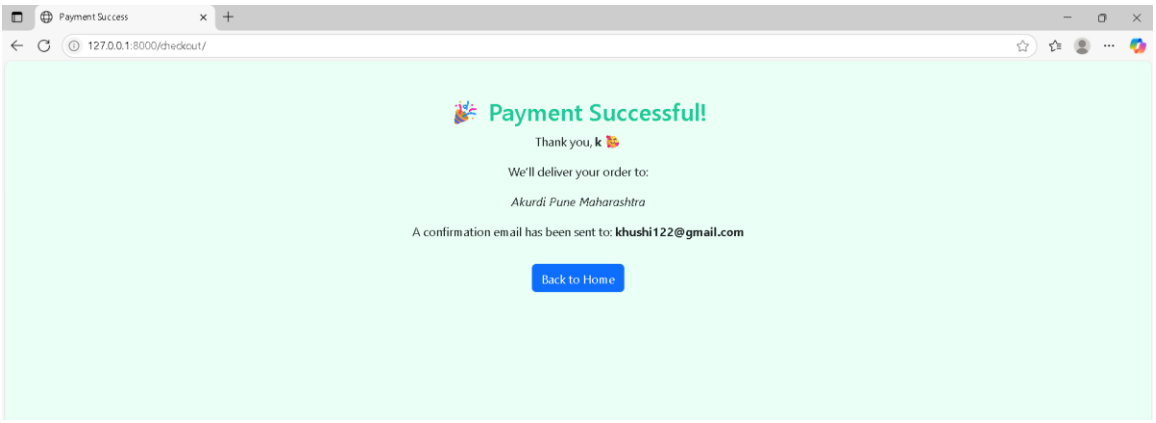

VIATEME-The Luxury
127.0.0.1:8000/product/14/
← Back to Home
Add to Cart
VIATEME-The Luxury
₹12000.0
- Notes: Pure Indian Rose, Earth, Vetiver - Vibe: Romantic, earthy, and nostalgic - Why it stands out: A modern take on traditional rose attar — elegant and rooted in Indian heritage

- Cart Page





- Checkout Page



- Payment Success Page