

# **ONLINE SPICE SHOPPING**

**A PROJECT REPORT SUBMITTED IN PARTIAL  
FULFILMENT OF REQUIREMENT  
FOR THE AWARD OF THE DEGREE  
MASTER OF COMPUTER APPLICATION(MCA)  
OF**

**MAHATMA GANDHI UNIVERSITY, KOTTAYAM**

**BY**

**Jickson Jose**

**Reg No : 22PMC132**



**MARIAN COLLEGE  
KUTTIKKANAM**

**(AUTONOMOUS)**

**MAKING COMPLETE**

**Marian College Kuttikkanam Autonomous**

**Peermade, Kerala – 685 531**

**2022**

A Project Report on

# **ONLINE SPICE SHOPPING**

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**By**  
**Jickson Jose**  
**Reg No. 22PMC132**

**Under the guidance of**

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**MAHATMA GANDHI UNIVERSITY, KOTTAYAM**

**KUTTIKKANAM – 685 531, KERALA.**

## **CERTIFICATE**

This is to certify that the project work entitled

**ONLINE SPICE SHOPPING**

is a bonafide record of work done by

**JICKSON JOSE**

**Reg. No 22PMC132**

In partial fulfillment of the requirements for the award of Degree of

**MASTER OF COMPUTER APPLICATIONS [MCA]**

During the academic year 2022-2023

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## **ACKNOWLEDGMENT**

First of all, I thank the “God Almighty” for his immense grace and blessings in my life and at each stage of my project work

I express my sincere gratitude to Dr . Ajimon George , Principal, Marian College

Kuttikkanam (Autonomous), Dr. Mendus Jacob, Director, PG Department of Computer Applications for the support given throughout the project work

I extend my gratitude to Mr Win Mathew John, HOD, PG Department of Computer Applications, who is a constant source of inspiration and whose advice helped me to complete this project work successfully.

I express my deep sense of gratitude to my project guide, MS. RENY JOSE , Assistant Professor, PG Department of Computer Applications, for his profound guidance for the successful completion of this project work.

With great enthusiasm, I express my gratitude to all the faculty members of the PG Department of Computer Applications for their timely help and support.

Finally, I express my deep appreciation to all my friends and family members for the moral support and encouragement they have given to complete this project work successfully.

**JICKSON JOSE**

## **ABSTRACT**

Spice Shopping is an innovative e-commerce platform designed to transform the way people discover, explore, and purchase spices online. The key objective of Spice Shopping is to offer a user-friendly interface that simplifies the spice purchasing process. Through an intuitive and visually appealing website, customers can effortlessly browse through a wide range of spices, each accompanied by detailed descriptions, origins, flavor profiles, and suggested culinary uses. Spice Shopping search and filtering capabilities enable users to find specific spices based on various criteria and buy it.

## **OBJECTIVE AND SCOPE OF THE PROJECT**

The main objective of developing SPICE SHOPPING is provide a user-friendly environment to shop spices online in an easy and efficient way.

There are many objectives of SPICE SHOPPING

- Its cost effective and saves time - By reducing the time taken for buying a product from shop
- 24/7 accessability from , anywhere
- The ability to provide reviews so the customer can buy the products looking in the reviews.

## **METHODOLOGY OF THE PROJECT**

This project 'SPICE SHOPPING' aims at posting reviews where , where customers have to register for his/her account with necessary credentials, Admin can add/edit/delete their product. It has two main modules: Admin and Customers.

It has done using python as frond end and sqlite3 as backend. And Django-Jazzmin to customize django-admin.

## **HARDWARE SPECIFICATION:**

- Processor:
- Hard Disk: 1TB

- Ram:8GB

## **SOFTWARE SPECIFICATION:**

- Database server: Sqlite3
- Client: Microsoft Internet Explorer or any browser
- Development Tools: Pycharm. Microsoft visual studio code
- Programming Language: Python

## **CONCLUSION**

In conclusion, the spice shopping e-commerce website offers a convenient and efficient platform for customers to purchase a wide variety of spices online. The website provides a user-friendly interface, allowing customers to browse through an extensive selection of spices, explore different brands and types, and make informed decisions based on detailed product descriptions and customer reviews. The e-commerce platform ensures a seamless shopping experience by incorporating secure payment gateways and reliable shipping options, ensuring that customers receive their orders in a timely manner.

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# **1.INTRODUCTION**



## **1.1PROBLEM STATEMENTS**

Traditional way of manually finding a spices product through shops and getting to know more about a good shop to buy spices is way high difficult task. Also Shops,even though they have their own website, it might be getting attention to the world due to lack of advertising ,promotions etc.

So this project aims at doing help for a customer to buy spices , and also can rate their own products which might be helpful for others customers in decision making. It also helps shops in promoting their own prodcuts making it visible to others in the trending list of products in the website.

## **1.2 PROPOSED PROJECT**

The propose system is highly automated and allows the user to search for the vast variety of products available and allows the users to choose the best quality products available at best prices convenient for them. The Spice Shopping System can be entered using a username and password. Itis accessible either for the admin. Only these admins can change the data or to add more information data's to the database. These data can be retrieved easily. The interface is very user friendly. The data and the admin details are well "Protected" and "Personalized" to makes the data processing very fast.

## **1.3 FEATURES OF PROPOSED SYSTEM**

- Customer can register and buy spices
- Customer can give rating and reviews of each products
- Customer can rate out of 5
- Customer can add products to their wishlist and cart

## **2.FUNCTIONAL REQUIREMENTS**

## **1. Product Catalogue Management**

- This involves managing the products available in the online store.
- Functionalities such as adding new products, updating existing product information (e.g., name, description, price, images), categorizing products into different categories, and managing inventory levels.
- The system shall store the information in the database.

## **2. Product Search and Filtering**

- It's important to provide users with the ability to search for products based on keywords or specific criteria.
- Search and filtering functionality allows users to find products more easily by applying filters such as price range, category, brand, or other attributes.

## **3. Product Reviews and Ratings**

- Customers often rely on product reviews and ratings to make informed purchasing decisions.
- Customers to write reviews and rate products can enhance the credibility of the products and help other users in their decision-making process.

## **4. Shopping Cart and Checkout**

- Shopping cart system allows users to add products they wish to purchase and proceed to the checkout process.
- It should provide features like adding/removing items, updating quantities, applying discount codes, calculating the total order amount, and saving the cart for future visits.

## **5. Order Management**

- This feature involves managing customer orders.

- It includes functionalities such as tracking the status of orders, sending order confirmation emails, generating invoices, handling returns and refunds, and managing order history.

## **6. Customer Account Management**

- Users should be able to create and manage their accounts within the online store.
- This involves features like user registration, login/logout, password reset, profile management (updating personal information, addresses, payment methods), and order history tracking.

## **7. Wishlist**

- Users often have the need to save products they are interested in for future reference.
- Wishlist functionality allows users to save products they want to purchase later, while comparison functionality enables them to compare multiple products side by side to make informed decisions.

## **8. Payment Processing**

- To facilitate online transactions, integrating secure and reliable payment gateways is crucial.
- It should support various payment methods (credit cards, debit cards, online banking, digital wallets) and ensure the security of sensitive customer information during the payment process.

## **9. Customer Support**

- Providing customer support channels, such as a contact form, live chat, or a support ticketing system, allows users to seek assistance or get answers to their queries.

## **10. Mobile Responsiveness and Accessibility**

- With the increasing use of mobile devices, ensuring that the online store is mobile-responsive and accessible is essential.

### **3. NON FUNCTIONAL REQUIREMENTS**

### **3.1 RELIABILITY**

The reliability of the overall project depends on the reliability of the separate components.

The main pillar of reliability of the system is the backup of the database which is continuously maintained and updated to reflect the most recent changes, Also the system will be functioning inside a container. Thus, the overall stability of the system depends on the stability of container and its underlying operating system.

### **3.2 AVAILABILITY**

The system should be available at all times, meaning the user can access it using a web browser, only restricted by the down time of the server on which the system runs. A customer friendly system which is access of people around the world should work 24 hours. In case of a hardware failure or database corruption, a replacement page will be shown. Also in case of a hardware failure or database corruption, backup of the database should be retrieved from the server and saved by the Organizer. Then the services will be restarted. It means 24 X 7 availability.

### **3.3 MAINTAINABILITY**

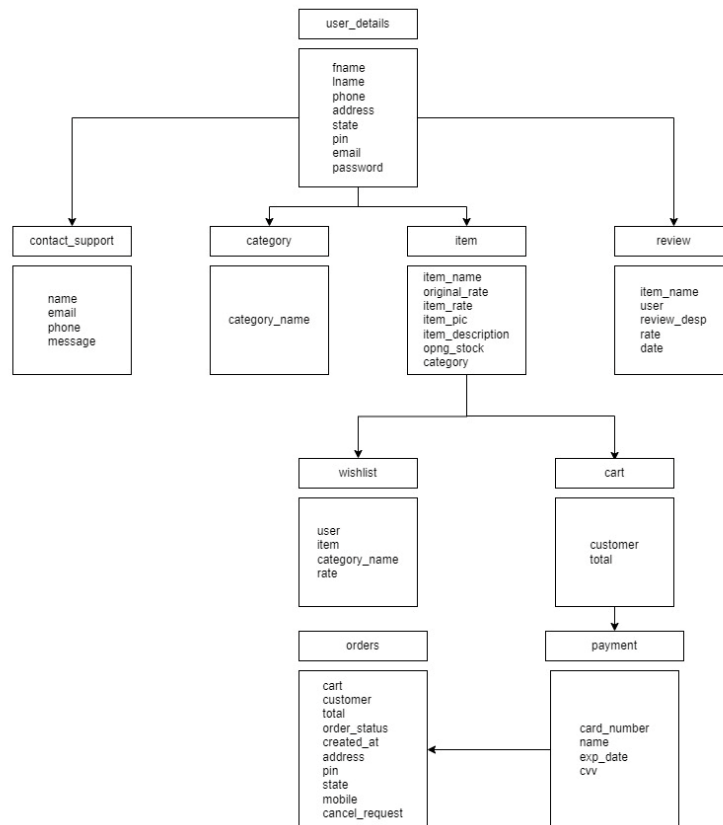
A commercial database is used for maintaining the database and the application server takes care of the site. In case of a failure, a re-initialization of the project will be done. Also, the software design is being done with modularity in mind so that maintainability can be done efficiently.

### **3.4 SUPPORTABILITY**

The code and supporting modules of the system will be well documented and easy to understand. Online documentation and help system requirements

## **4.UML DIAGRAMS**

## 4.1 CLASS DIAGRAMS





## **5.INPUT DESIGN AND OUTPUT DESIGN**

## **INPUT DESIGN**

Input design is one of the most important phase of the system design. Input design is the process where the input received in the system are planned and designed, so as to get necessary information from the user, eliminating the information that is not required. The aim of the input design is to ensure the maximum possible levels of accuracy and also ensures that the input is accessible that understood by the user.

## **OUTPUT DESIGN**

Output design is very important concept in the computerized system, without reliable output the user may feel the entire system is unnecessary and avoids using it. The proper output design is important in any system and facilitates effective decision-making.

## **6.FUTURE ENHANCEMENT**

- Artificial Intelligence (AI) C: Implement AI-powered to provide automated support to Customers. AI can handle common inquiries, assist with Purchase history and make recommendations for customers.
- Advanced Search and Filters: Improve the search functionality by implementing advanced filters based on category , amount, ratings, and other criteria. This enables customers to refine their search and find their appropriate products.
- Mobile Application: Develop a mobile application for the spice shopping, allowing customers to access the website on their smartphones. The app can provide a user-friendly interface, push notifications for new products and offers.

## **9. CONCLUSION**

In conclusion, the spice shopping e-commerce website offers a convenient and efficient platform for customers to purchase a wide variety of spices online. The website provides a user-friendly interface, allowing customers to browse through an extensive selection of spices, explore different brands and types, and make informed decisions based on detailed product descriptions and customer reviews. The e-commerce platform ensures a seamless shopping experience by incorporating secure payment gateways and reliable shipping options, ensuring that customers receive their orders in a timely manner.

## **10.REFERENCES**

## REFERENCES

- Stack Overflow: <https://stackoverflow.com/>
- ChatGPT
- Django Jazzmin Documentation:
- <https://django-jazzmin.readthedocs.io/>
- <https://stripe.com/docs>

## 11.ANNEXURE

FIGURE 1 : Home page

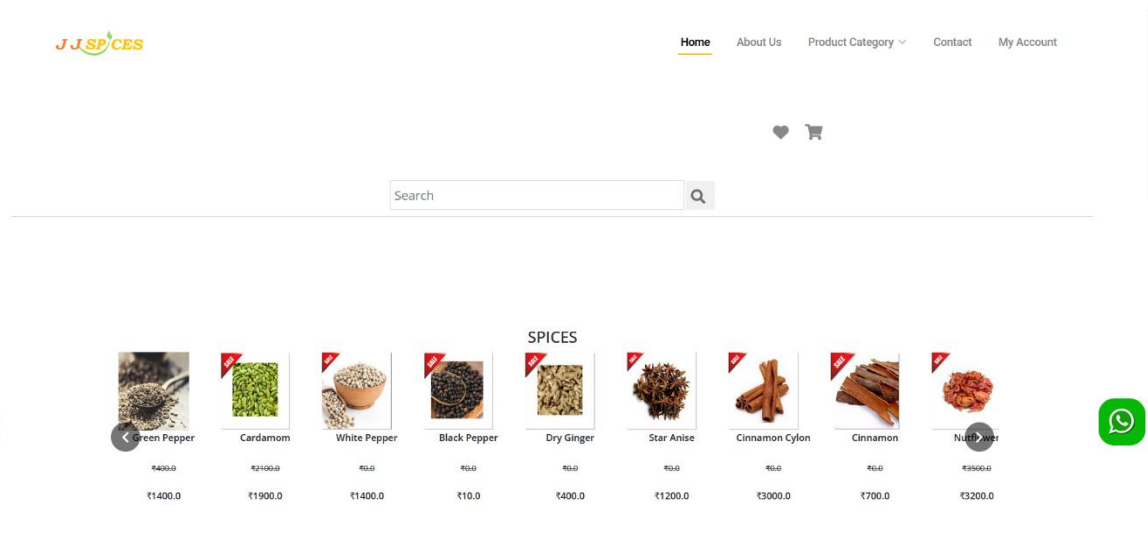


FIGURE 2: REVIEWS

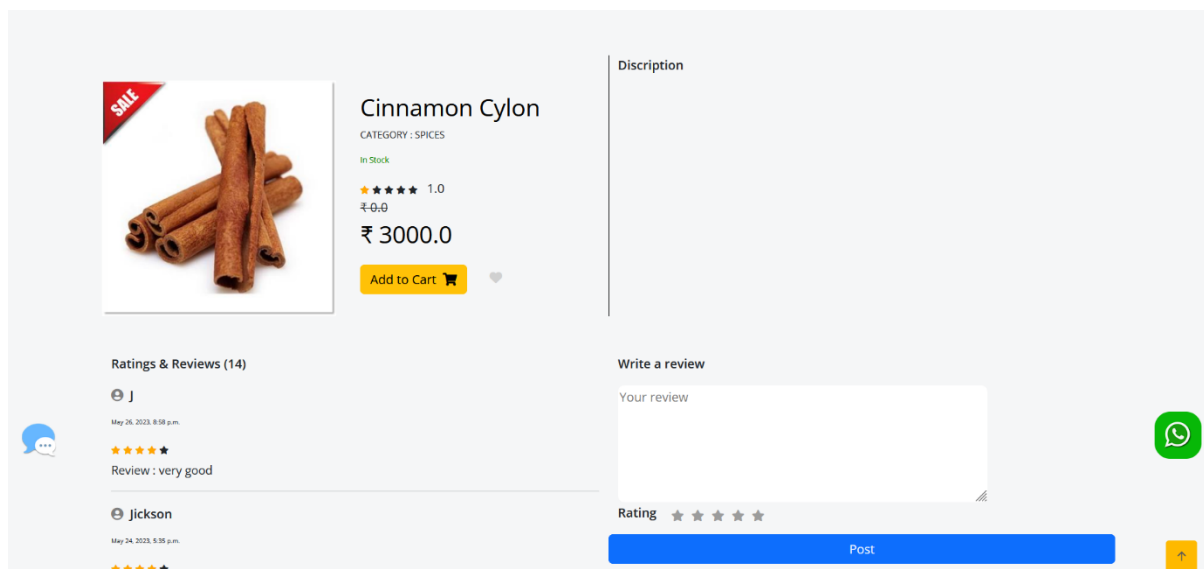


FIGURE 3 : Cart

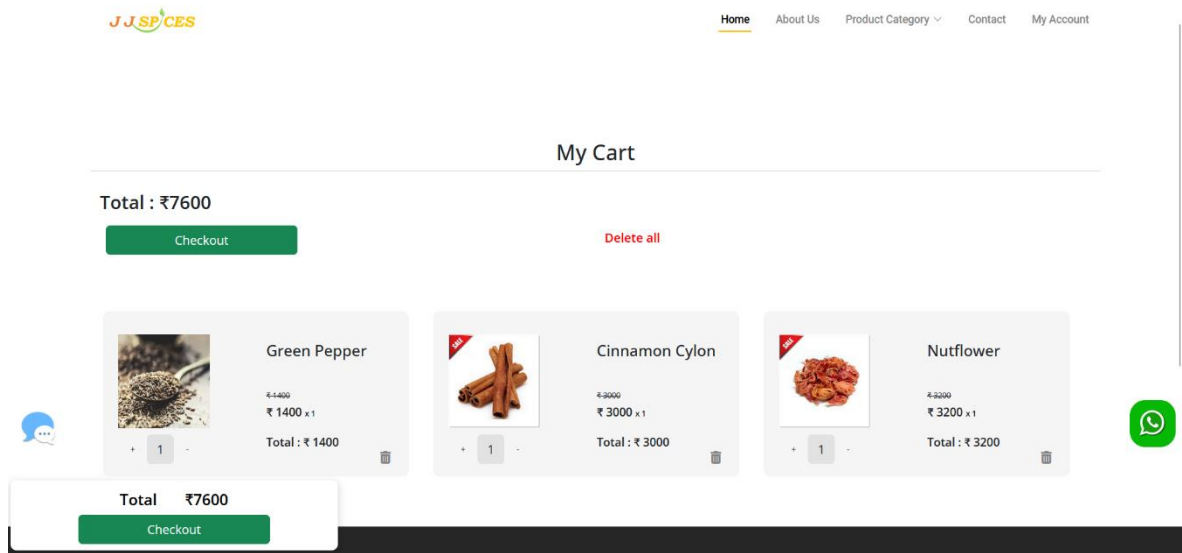


FIGURE 4: Wishlist

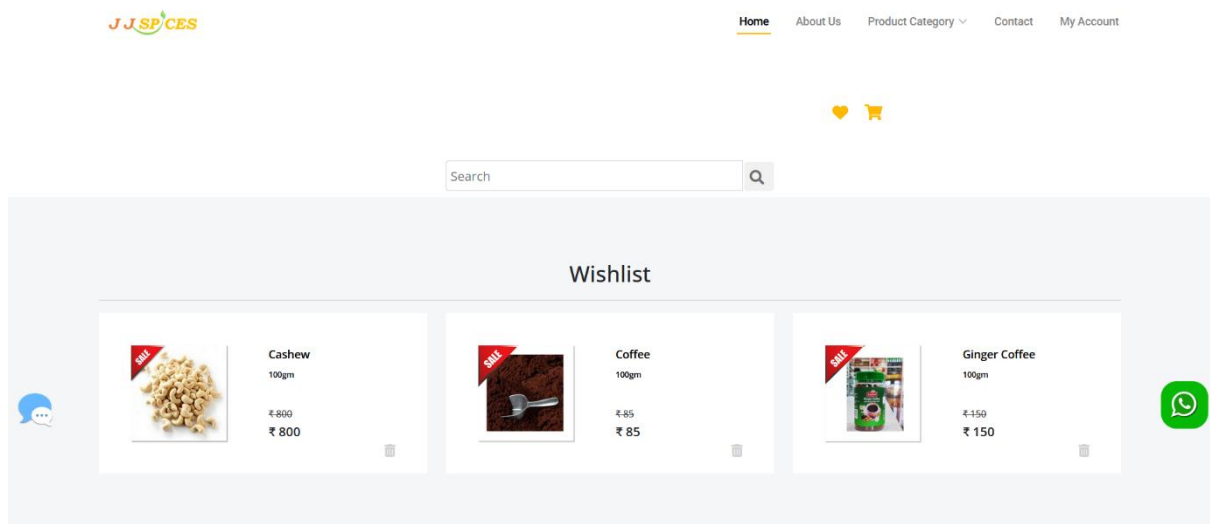


FIGURE 5 : Order Summery

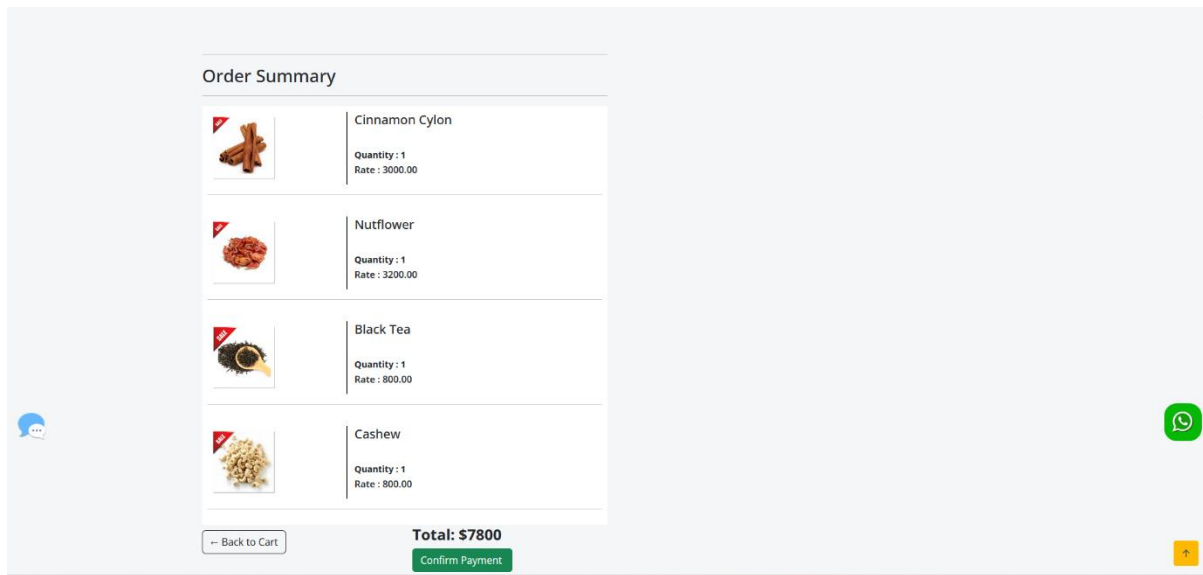




FIGURE 6 : Payment

← 
TEST MODE



j

**₹7,600.00**

Powered by  | [Terms](#) [Privacy](#)

**Pay with card**

Email

Card information  
   
  

Name on card

Country or region  
 ▼


Pay 



FIGURE 7: Order Summery

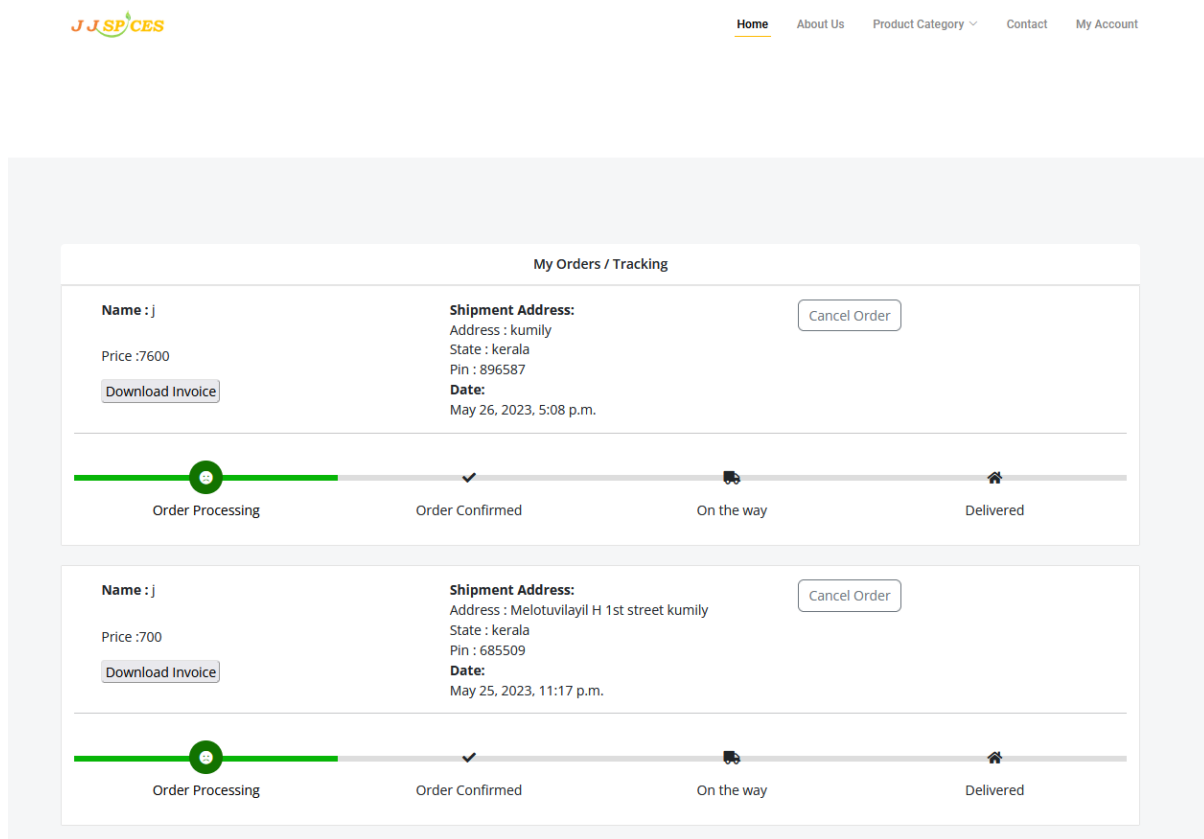


FIGURE 8 : User Profile

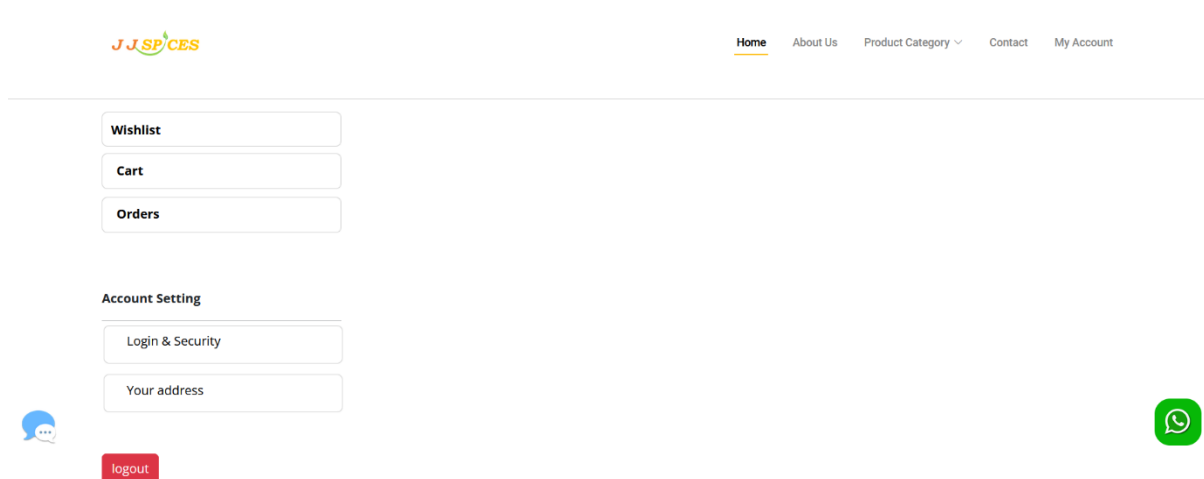


FIGURE 5 : User Profile

FIGURE 8 : Contact Support

Search

## Contact Us

**Our Address**  
Thekkady Road Kumily, Po Kumily  
Idukki Kerala.

**Call Us**  
7579393299  
9356753299

**Get In Touch**

**Responsible Tourism Spice Sh...**  
3.8 ★★★★★ 4 reviews  
View larger map

Meat mathavan karam

dhurga store

ATS UNIVERSE

Kaithavana Spices (ATS Spices)

Responsible Tourism Spice Shop

Google

Keyboard shortcuts Map data ©2023 Terms of Use Report a map error

WhatsApp

Telegram

FIGURE 9 : Contact Support

J.J. SPICES

Home About Us Product Category Contact My Account

Search

ca

cashew  
cardamom

## SPICES

| Green Pepper | Cardamom | White Pepper | Black Pepper | Dry Ginger | Star Anise | Cinnamon Cylon | Cinnamon | Nutmeg  |
|--------------|----------|--------------|--------------|------------|------------|----------------|----------|---------|
| ₹400.0       | ₹2100.0  | ₹0.0         | ₹0.0         | ₹0.0       | ₹0.0       | ₹0.0           | ₹0.0     | ₹1600.0 |
| ₹1400.0      | ₹1900.0  | ₹1400.0      | ₹10.0        | ₹400.0     | ₹1200.0    | ₹3000.0        | ₹700.0   | ₹3200.0 |

## TEA

WhatsApp

Telegram

FIGURE 10.: Search and Filltering

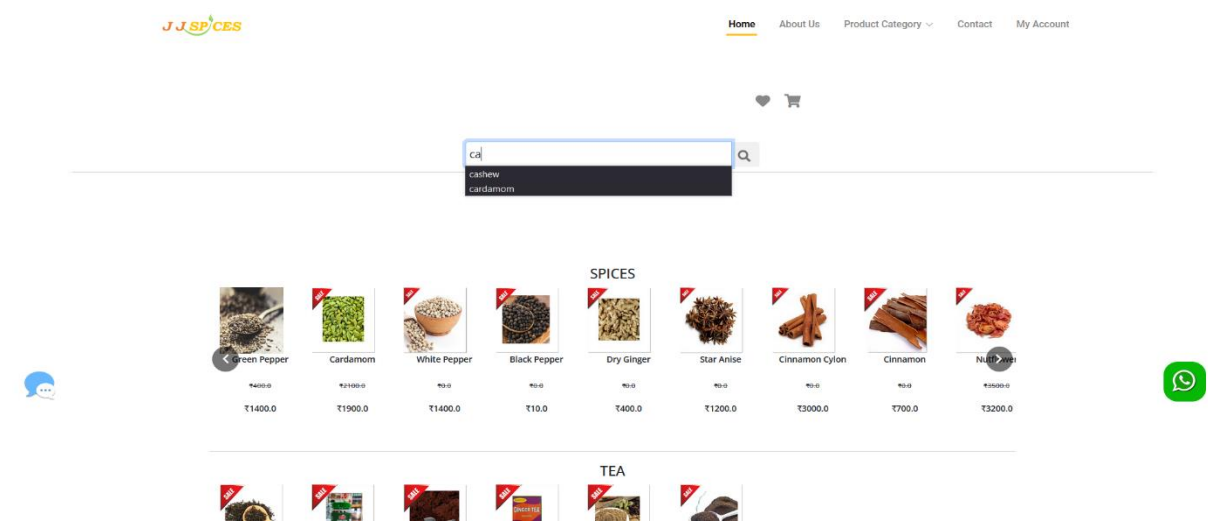


FIGURE 11 : Product Description

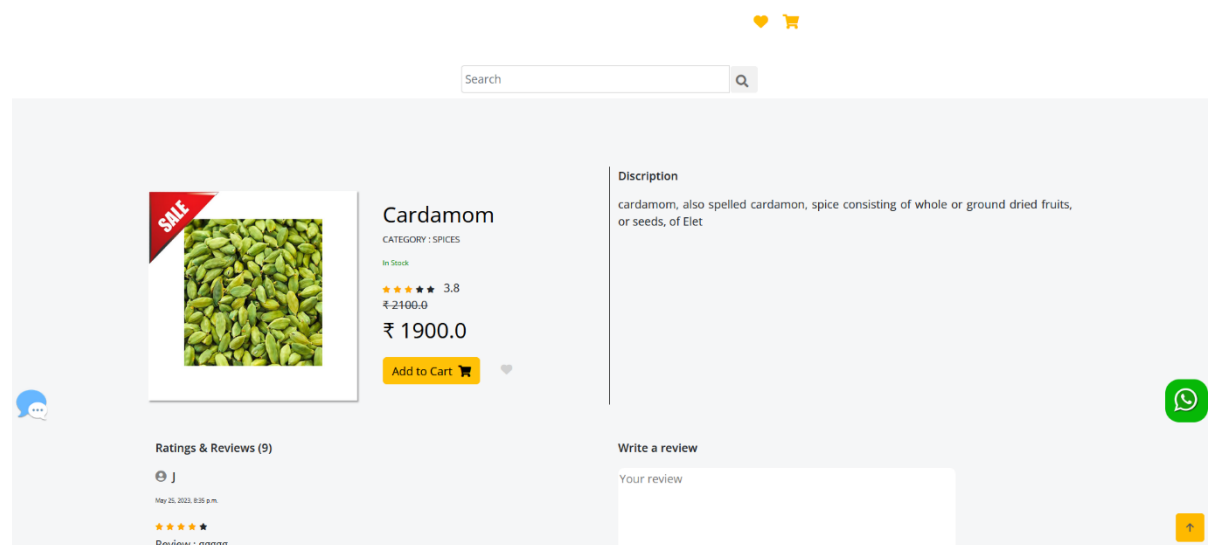
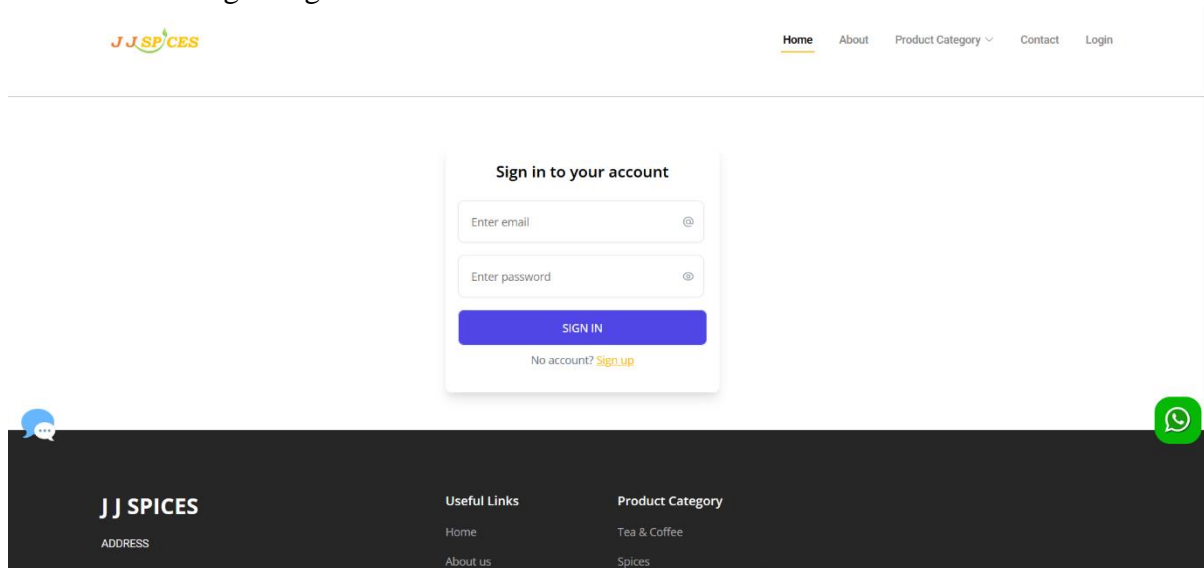


FIGURE 11 : Login Page



The screenshot displays the login interface for JJ SPICES. At the top left is the JJ SPICES logo. The top navigation bar includes links for Home, About, Product Category (with a dropdown arrow), Contact, and Login. The central focus is a 'Sign in to your account' form with fields for 'Enter email' and 'Enter password', each with an eye icon for toggling visibility. A blue 'SIGN IN' button is positioned below the password field. A link for 'No account? Sign up' is located at the bottom of the form. The footer is a dark grey bar containing the JJ SPICES logo and address on the left, 'Useful Links' (Home, About us) in the center, and 'Product Category' (Tea & Coffee, Spices) on the right. Floating chat and WhatsApp icons are present on the left and right sides of the footer area.

JJ SPICES

Home About Product Category Contact Login

Sign in to your account

Enter email

Enter password

SIGN IN

No account? [Sign up](#)

JJ SPICES

ADDRESS

Useful Links

Home

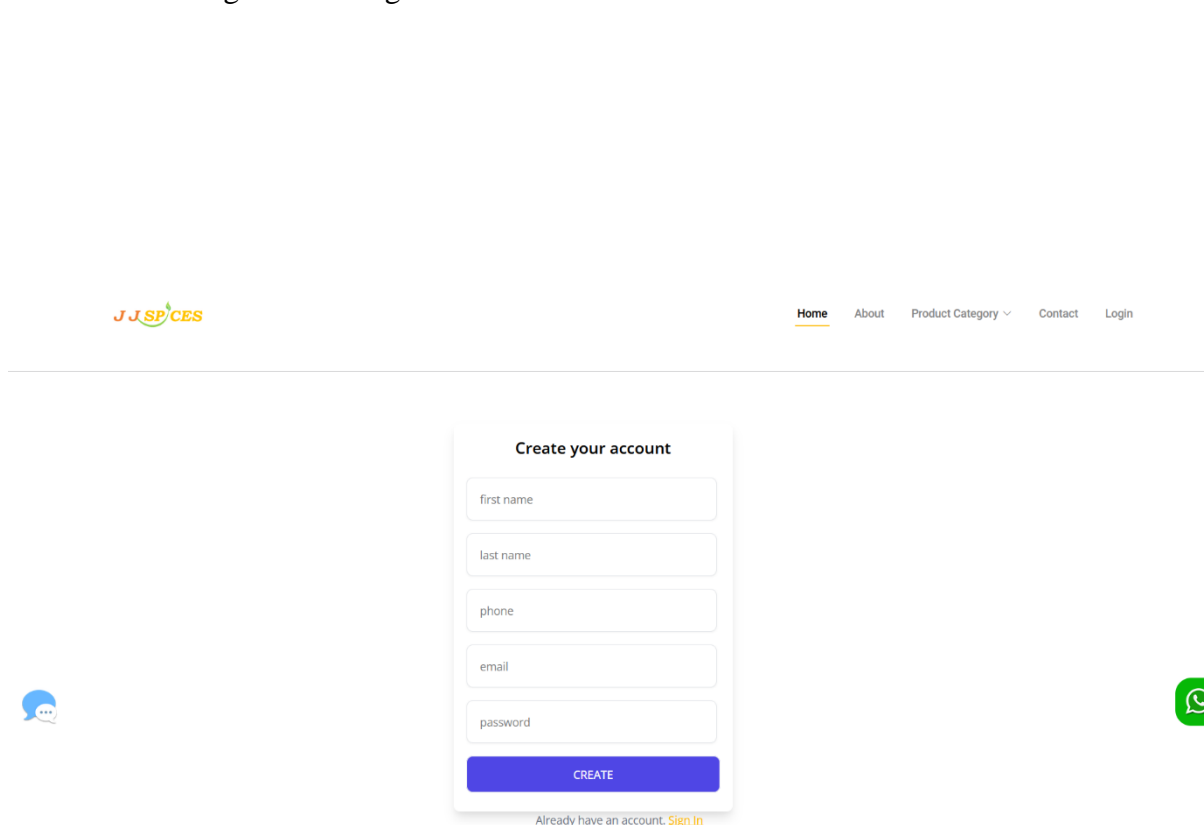
About us

Product Category

Tea & Coffee

Spices

FIGURE 11 : Registration Page



The screenshot displays the registration interface for JJ SPICES. At the top left is the JJ SPICES logo. The top navigation bar includes links for Home, About, Product Category (with a dropdown arrow), Contact, and Login. The central focus is a 'Create your account' form with fields for 'first name', 'last name', 'phone', 'email', and 'password'. A blue 'CREATE' button is positioned below the password field. A link for 'Already have an account. Sign In' is located at the bottom of the form. The footer is a dark grey bar containing the JJ SPICES logo and address on the left, 'Useful Links' (Home, About us) in the center, and 'Product Category' (Tea & Coffee, Spices) on the right. Floating chat and WhatsApp icons are present on the left and right sides of the footer area.

JJ SPICES

Home About Product Category Contact Login

Create your account

first name

last name

phone

email

password

CREATE

Already have an account. [Sign In](#)

JJ SPICES

ADDRESS

Useful Links

Home

About us

Product Category

Tea & Coffee

Spices

FIGURE 11 : Product Category

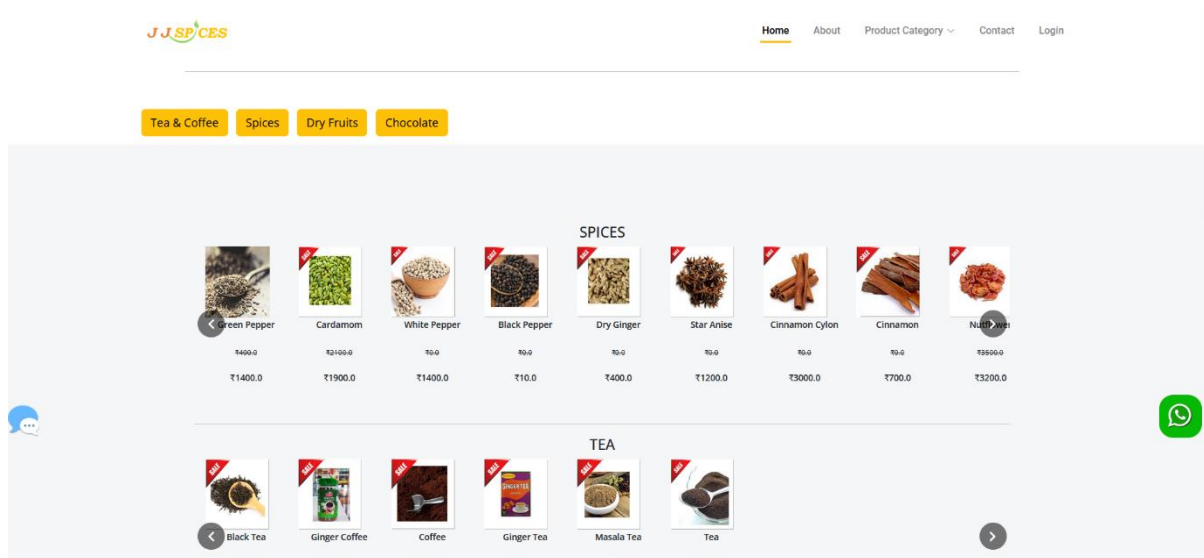


FIGURE 11 : Mobile Responsive

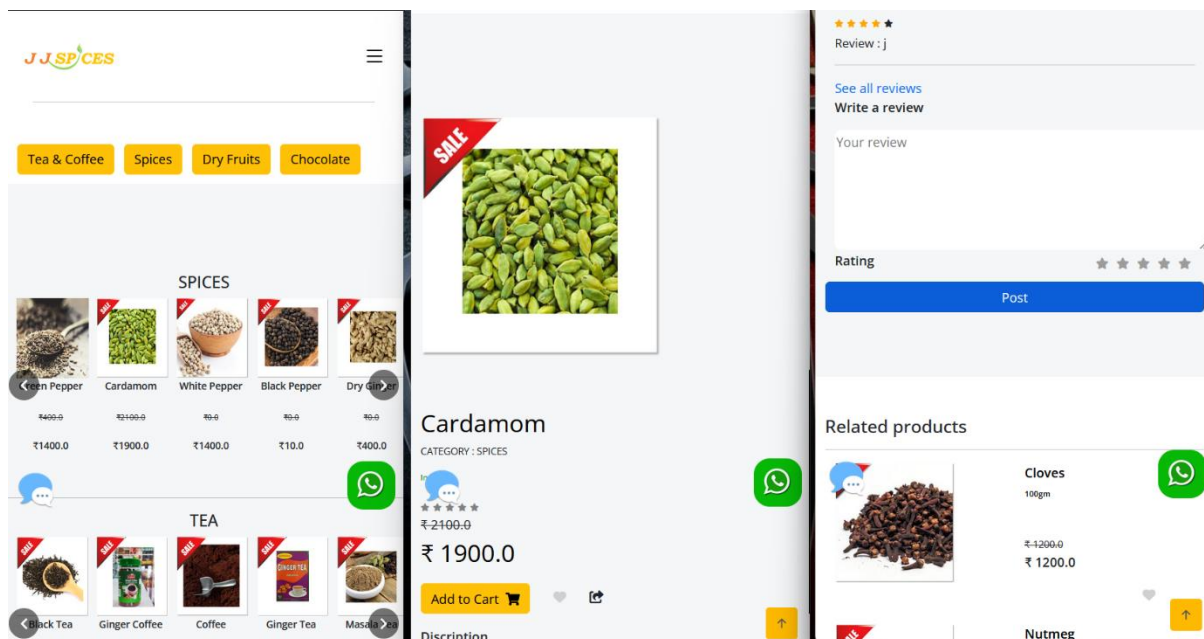


FIGURE 12 : Mobile Responsive for Tracking Orders

### My Orders / Tracking

**Name :** j

Price :7600

Download Invoice

**Shipment Address:**  
Address : kumily  
State : kerala  
Pin : 896587

**Date:**  
May 26, 2023, 5:08 p.m.

Cancel Order

Order Processing

Order Confirmed

On the way

Delivered

**Name :** j

Price :700

Download Invoice

**Shipment Address:**  
Address : Melotuvilayil H 1st street kumily  
State : kerala  
Pin : 685509

↑