



**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15**  
(A Govt. Aided Autonomous Institution affiliated to Anna University)  
*- where quality and ethics matter*



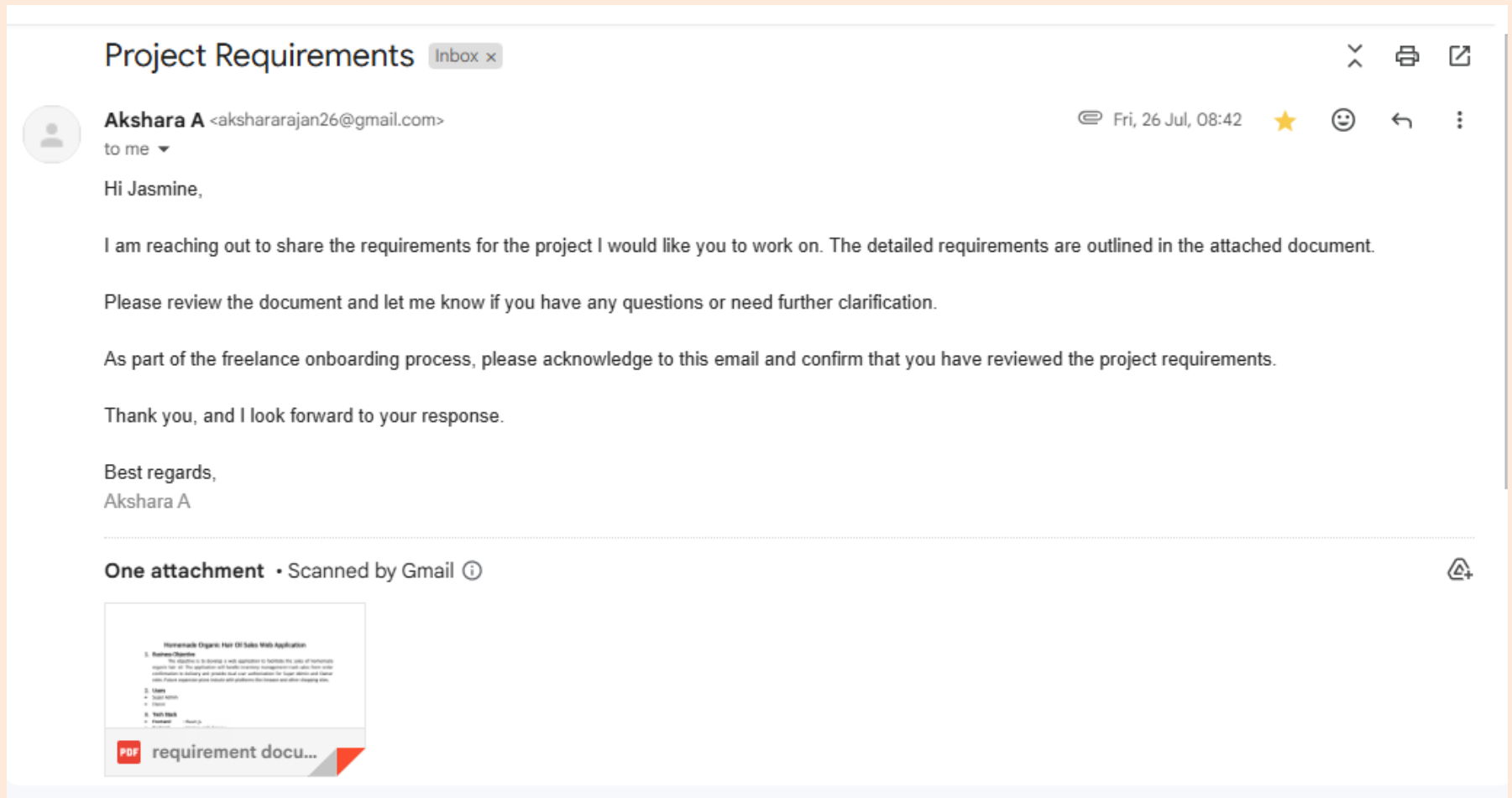
# **Organic Haircare Solutions**

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**Type of the project: Social Relevance**

# Title acknowledgement mail from Client



# Problem Statement

Develop a web application to manage homemade organic hair oil business, with secure user roles and efficient inventory and sales tracking.

# Requirements as specified by the Client

- Implement a system that supports different user levels, ensuring that the right people have access to the right features.
- Enable real-time monitoring and management of product inventory to ensure smooth operations.

# Requirements as specified by the Client

- Provide tools for tracking sales activities, from order processing to delivery, with insights to support decision-making.
- Ensure a user-friendly interface that is accessible on multiple devices and facilitates efficient management.

# Objectives

To create a web application that will enhance the management and growth of homemade organic hair oil business by integrating secure user access, efficient inventory tracking, and effective sales management. The platform will streamline operations, support scalability, and provide valuable insights to drive business success.

# Tools and Technologies used

## Software Technologies

- **Front End:** React, Tailwind CSS, JavaScript
- **Server:** Express JS
- **Backend:** PostgreSQL
- **Testing:** Jest Frame Work

## Hardware Technologies

**Operating System:** Windows 8, 10, or above

**Hard Disk:** 40 GB

**RAM:** 4 GB or more

# Benchmark applications

Module description	State-of-art solution available	Drawbacks of the solution	Features proposed to overcome
User Access and Purchase	Most e-commerce platforms require users to create an account and log in before making a purchase.	<ul style="list-style-type: none"><li>- Mandatory login can discourage potential buyers who prefer quick and anonymous purchases.</li><li>- Increased friction in the checkout process, leading to higher cart abandonment rates.</li></ul>	<ul style="list-style-type: none"><li>- Allow guest checkout where users can purchase products without logging in.</li><li>- Simplified and faster checkout process, improving user experience and reducing cart abandonment</li></ul>



# Benchmark applications

Module description	State-of-art solution available	Drawbacks of the solution	Features proposed to overcome
Automated Email Notifications	Some logistics platforms provide email updates at specific milestones, but not all e-commerce platforms offer this.	<ul style="list-style-type: none"><li>- Limited email notifications are sent, and they may not cover all relevant milestones, leading to uncertainty for customers.</li><li>- Manually triggered emails can cause delays and inconsistencies..</li></ul>	<ul style="list-style-type: none"><li>-Allow guest checkout where users can purchase products without logging in.</li><li>- Simplified and faster checkout process, improving user experience and reducing cart abandonment</li></ul>

# Benchmark applications

Module description	State-of-art solution available	Drawbacks of the solution	Features proposed to overcome
Dashboard Customization for Admin and Super Admin	Most platforms provide a unified dashboard for all administrative roles with limited customization based on role-specific needs..	Lack of differentiation in dashboard content can overwhelm users with irrelevant information. Admins may struggle to find the data and tools they need, leading to inefficiencies.	Implement role-specific dashboards where Admins and Super Admins see only the information and tools relevant to their responsibilities.

# Module description

## **User Management:**

### **Super Admin:**

- Full access to all functionalities and user roles
- Oversee inventory, sales, and reporting features.

### **Owner**

- Limited access defined by the Super Admin
- Confirm orders and update delivery status

# Module description

## **Sales Management**

- Confirm orders, generate invoices, and track deliveries

## **Order Management:**

- Users place orders; Super Admin and Owner manage and update all orders.
- Track order status from confirmation to delivery.

# Module description

## **Inventory Management:**

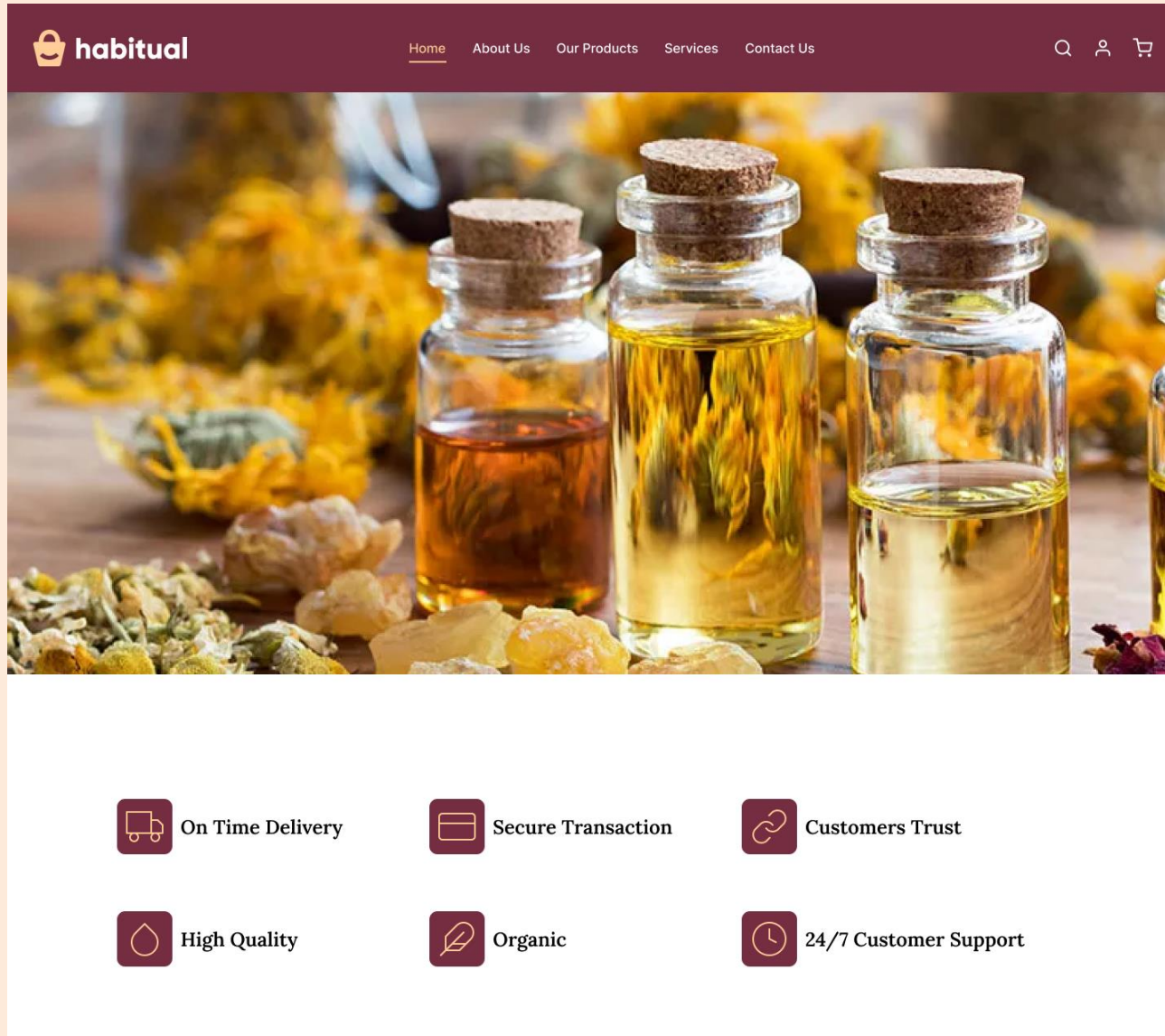
- Add, update, and remove products with details.
- Monitor stock levels and alert for low inventory.
- Generate inventory status and movement reports.

# Module description

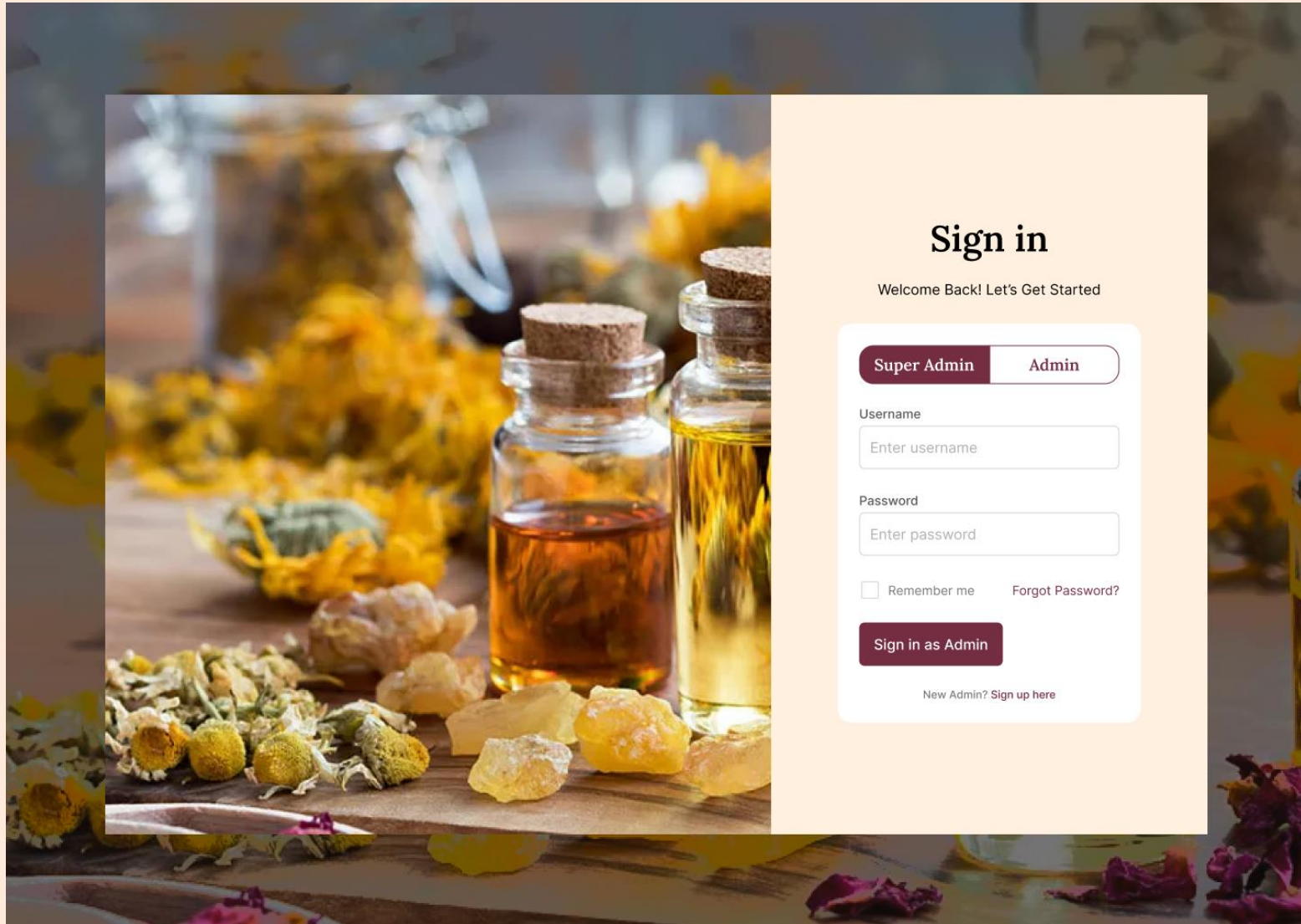
## **Reporting and Analytics**

- Generate reports on sales performance and trends.
- Provide reports on inventory levels and turnover

# Design of our Application



# Design of our Application





# Design of our Application

## Why Us?



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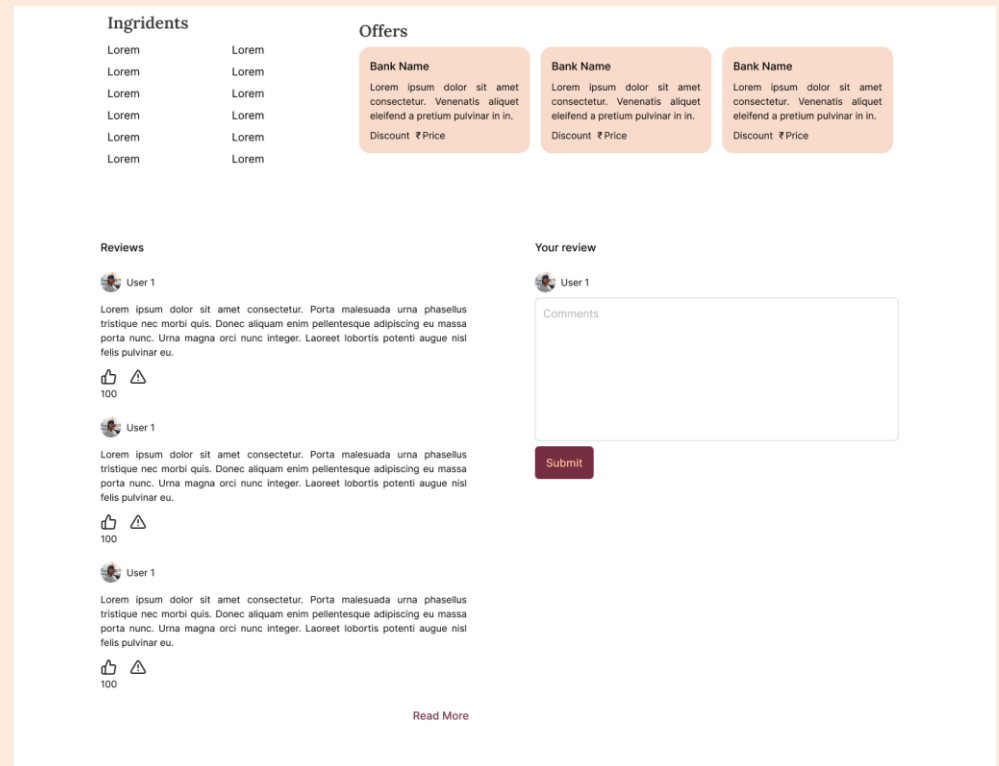
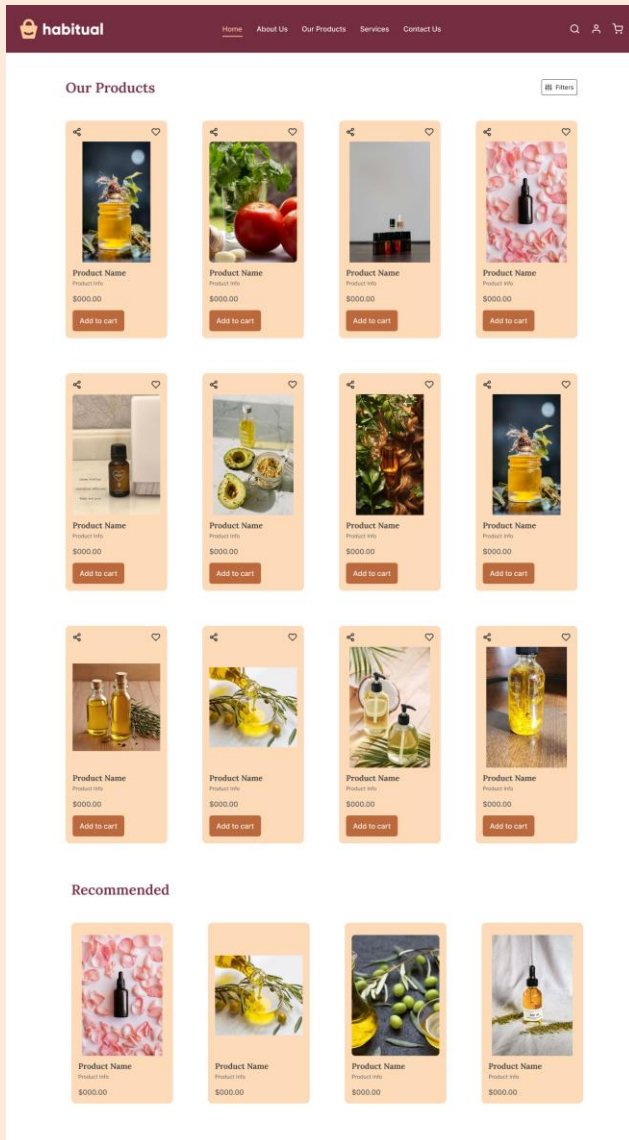


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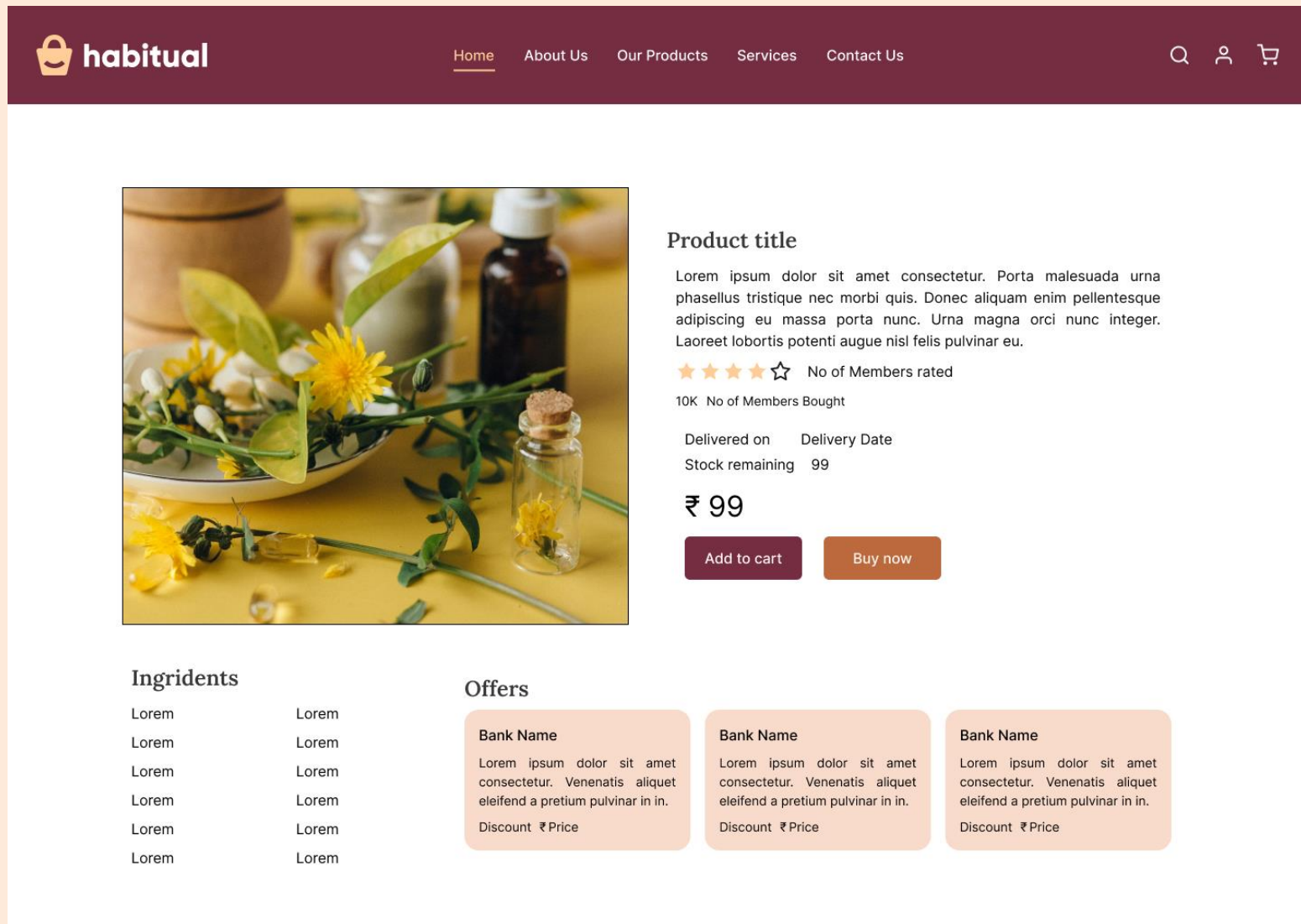


75 +  
Awards

# Design of our Application



# Design of our Application



# Design of our Application

## Benefits

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## Direction for use

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## Reviews



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## Your review



User 1

Comments

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Quality ★★★★★

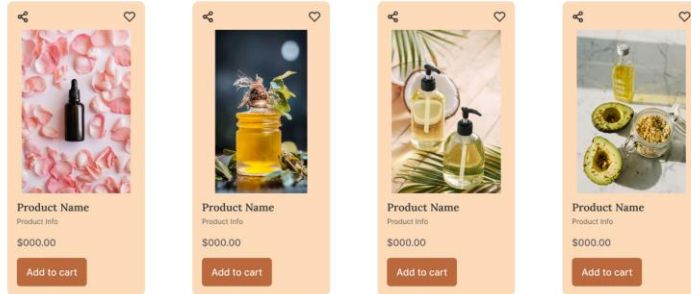
Safety ★★★★★

Reliability ★★★★★

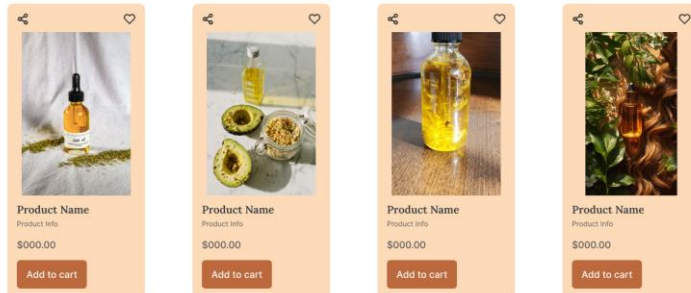
Overall ★★★★★

# Design of our Application

## Similar Products



## Top Searched



### Know About Us

About us  
Path we crossed  
Press Releases

### Support

Delivery  
Return Policy  
Transaction  
Help

### Lets Get Connected

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Twitter  
Instagram

### Reach Us

Contact: 9879879870  
Address:  
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# Action Plan

Module No.	Module Name	Deadline
1	User Management	15/08/24
2	Sales Management	22/08/24
3	Order Management	31/08/24
4	Inventory Management	15/09/24
5	Reporting and Analytics	30/09/24
	Project Document Report preparation	01/10/24
	Project Document Submission	18/10/24

# REFERENCES

## BUY HAIR OIL

[Buy Organic Oils Online in India | Pure & Sure –  
Phalada Pure & Sure \(pureandsure.in\)](#)

## ERVAMATIN HAIR OIL

[ERVAMATINervamatin.com Ervamatin ANTI  
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