PURBANCHAL UNIVERSITY

DEPARTMENT OF COMPUTER ENGINEERING
KHWOPA ENGINEERING COLLEGE
LIBALI-2, BHAKTAPUR

A
FINAL-REPORT
ON
COOL COSMETICS SYSTEM

Project work submitted in partial fulfillment of requirements for the award of the degree of Bachelor of Engineering in Computer Engineering (Fifth Semester).

SUBMITTED BY:

SUBMITTED TO:
Department of Computer Engineering

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ABSTRACT

The Project "COOL COSMETICS" deals with the online shopping of cosmetic products. Online Shop is a place where people go for buying goods and items online. This report details the development of the website for Cosmetics shop that is written in HTML, CSS, JS and PHP language.

The project is aimed at developing a website which includes proper information of cosmetics product with proper specification and prices. This project deals with the online buying of makeup and cosmetics products by the customers. The customers who have logged into their accounts can only buy goods where other can only view the items that are for sale. Our project Cool Cosmetics is a reflection of a real online store.

Keywords: Cosmetics, makeup, online shopping

LIST OF ABBREVIATIONS

CSS   Cascading Style Sheet

HTML   Hyper Text Mark Language

JS   Java Script

MYSQL   My Structured Query Language

PHP   Hypertext Preprocessor

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CHAPTER 1

INTRODUCTION

1.1 Background

Online shopping is a form of electronic commerce that allows consumers to directly buy goods or services from a seller over the Internet using a web browser or a mobile app. Consumers find a product of interest by visiting the website of the retailer directly or by searching among alternative vendors using a shopping search engine, which displays the same product's availability and pricing at different e-retailers [1].

Just a few years back online shopping was common among a handful of people who were seemingly risk-takers. However, nowadays online shopping has become a part of our daily lives and we depend on it for everything from groceries to home appliances. Cosmetics are not far away from the online shopping wave and a lot of people are using platforms like Beauty Sense to buy their favorite cosmetic items [2].

Online Cosmetic Shopping System is a software application that allows customers to browse, select, purchase, and manage cosmetic products through a website. The system typically includes features such as system catalogs, shopping carts, payment gateways, and order management. The advantage of an Online Cosmetic Shopping System is its convenience. Customers can easily browse and select from a wide range of cosmetic products, including skincare, hair care, makeup, and fragrance [3].

With online platforms, you can shop for your favorite beauty products anytime and anywhere. All you need is a device with internet access. Just a few clicks and you will have the product in your cart. You can choose an easy payment option like cash on delivery, if you do not want to pay using your credit or debit card.

1.2 Statement of problem

Other website faces several critical issues that hinder its functionality and user experience. The website suffers from inadequate information about products, making it challenging for users to make informed purchasing decisions. Additionally, the absence of labeled prices adds further frustration and uncertainty to the shopping experience. Lastly, the website's low maintenance and infrequent updates contribute to a platform fails to meet the needs of evolving users. Addressing these challenges is crucial to improving the website's performance, enhancing user trust, and increasing overall customer satisfaction.

1.3 Motivation

Nowadays people are spending a lot of time in online web browsers and beauty products have become part of our life for both boys and girls. This is why we have chosen to create an online cosmetics shopping system website that will allow users to easily compare prices and

specifications, which helps them make good purchasing decisions and saves a lot of time roaming a lot of shops for shopping cosmetics products.

1.4   Objective

The objective of this project is:
➢ Develop an online cosmetics shopping platform that offers an enhanced user experience through personalized recommendations, secure transactions, and authentic product information.

1.5   Scope and Limitation

The scopes of this project are:

➢   Common people with slight knowledge of the internet and applications can be able to use it.
➢   Proper information on cosmetics products will be given to the user with proper specifications and prices.
➢   It is an online-based system.

The limitation of this project:

➢   The customers must compulsory log into their accounts to buy products.

CHAPTER 2

LITERATURE REVIEW

A website, also called Web site, collection of files and related resources accessible through the World Wide Web and the Internet via a domain name [4]. "Today's online shopping experience starts and ends with the customer. We have a wealth of data at our fingertips and use it to understand what customers are looking for and why they shop and respond the way they do" [5].

Online shopping for cosmetics has become increasingly popular due to its convenience and wide range of options [6]. People can buy skincare, makeup, and other beauty products from the comfort of their homes. Many people love buying cosmetics online because it's easy and convenient. Researchers have looked at how these websites work and what customers like or don't like about them.

Online shopping is like a boon for customers who have very less time to go to market or they are extremely busy due to their hectic jobs and other responsibilities. After collecting the data from respondents and by the study of some journals, articles, and books about online shopping, it was found that online shopping provides benefits like time-saving, home delivery, large variety, easy payment, saving of cost etc to its customers [7].

CHAPTER 3

PROJECT MANAGEMENT

3.1 Team Management
All the required efforts for this project were done by all of the four members of a team:

3.2. Work Breakdown Structure

S. N		Duration	1st week	2nd week	3rd week	4th week	5th week	6th week
1.	Problem Identification	3 Days	■					
2.	Analysis	5 Days	■	■				
3.	Design	7 Days		■				
4.	Coding	21 Days			■	■	■	
5.	Implementation and testing	7 Days						■
6.	Documentation	26 Days			■	■	■	■

CHAPTER 4

METHODOLOGY

4.1 Generic Model
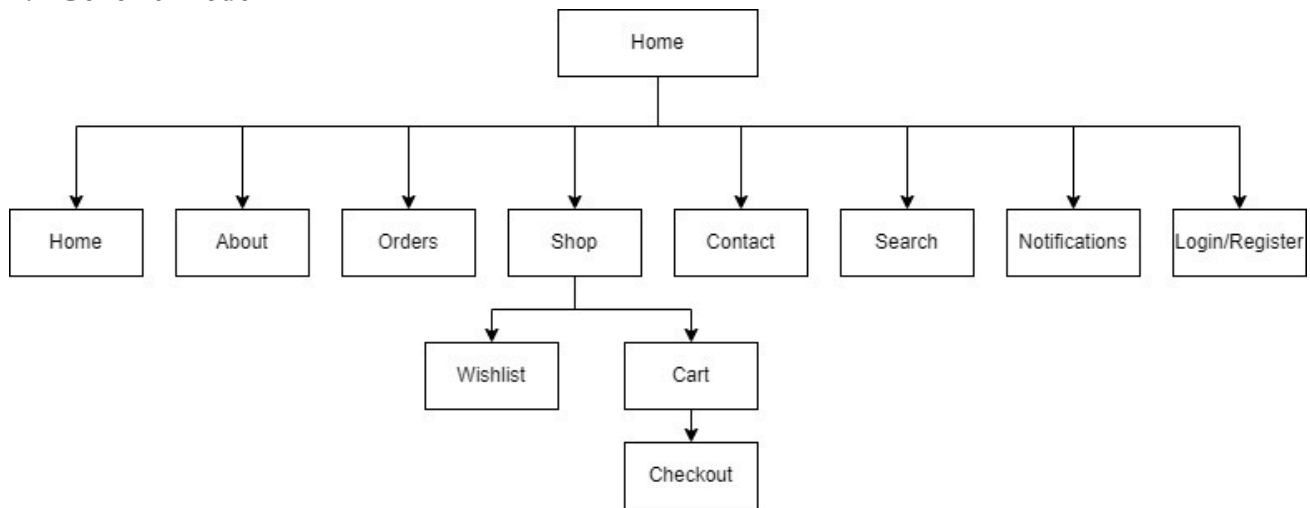
Figure 4.1: User Panel

Here this is a generic model for user panel. Here a user will get a interface, which contains home page, about us page, order detail page, shop page, contact page, search page, notifications button, and login or register page so that user can buy products from the store and access wish list and cart options.
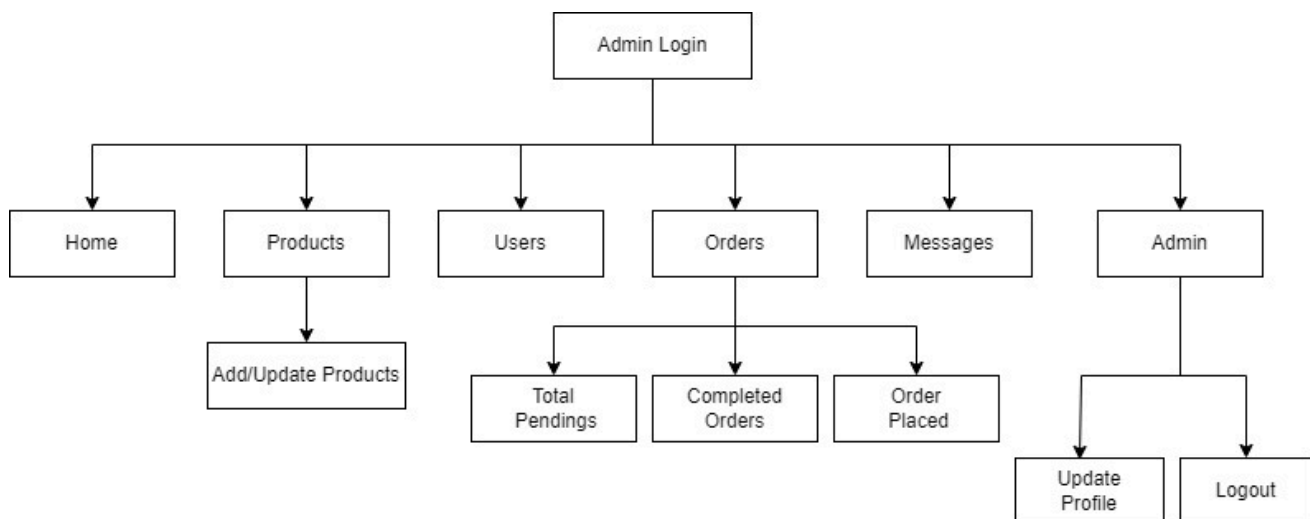
Figure 4.2: Admin panel

Here this is a generic model for admin panel. This interface is only available to admins. It contains a dashboard where we can add/update products, see total users who had login to the system, what user had ordered, the feedback from customers and update the profile of admin also.

4.2 Context Diagram
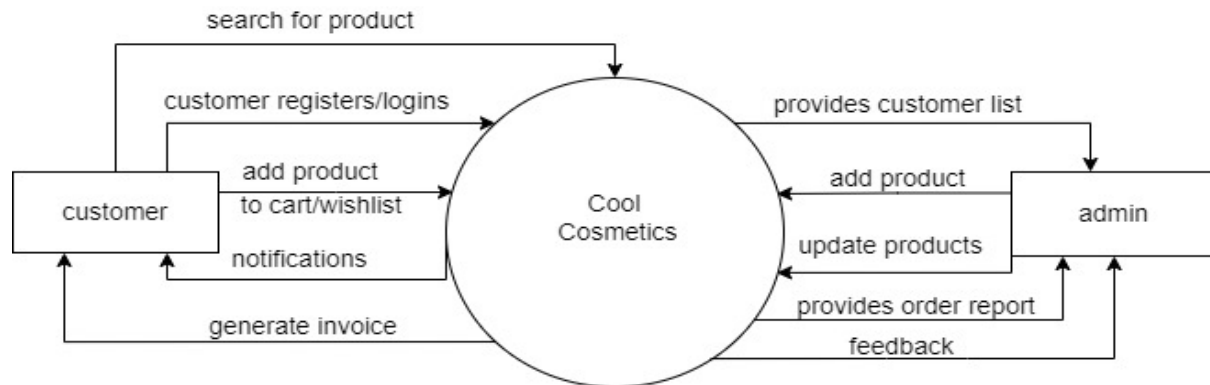
Figure 4. 3: Context Diagram

4.3 Data Flow Diagram (DFD)
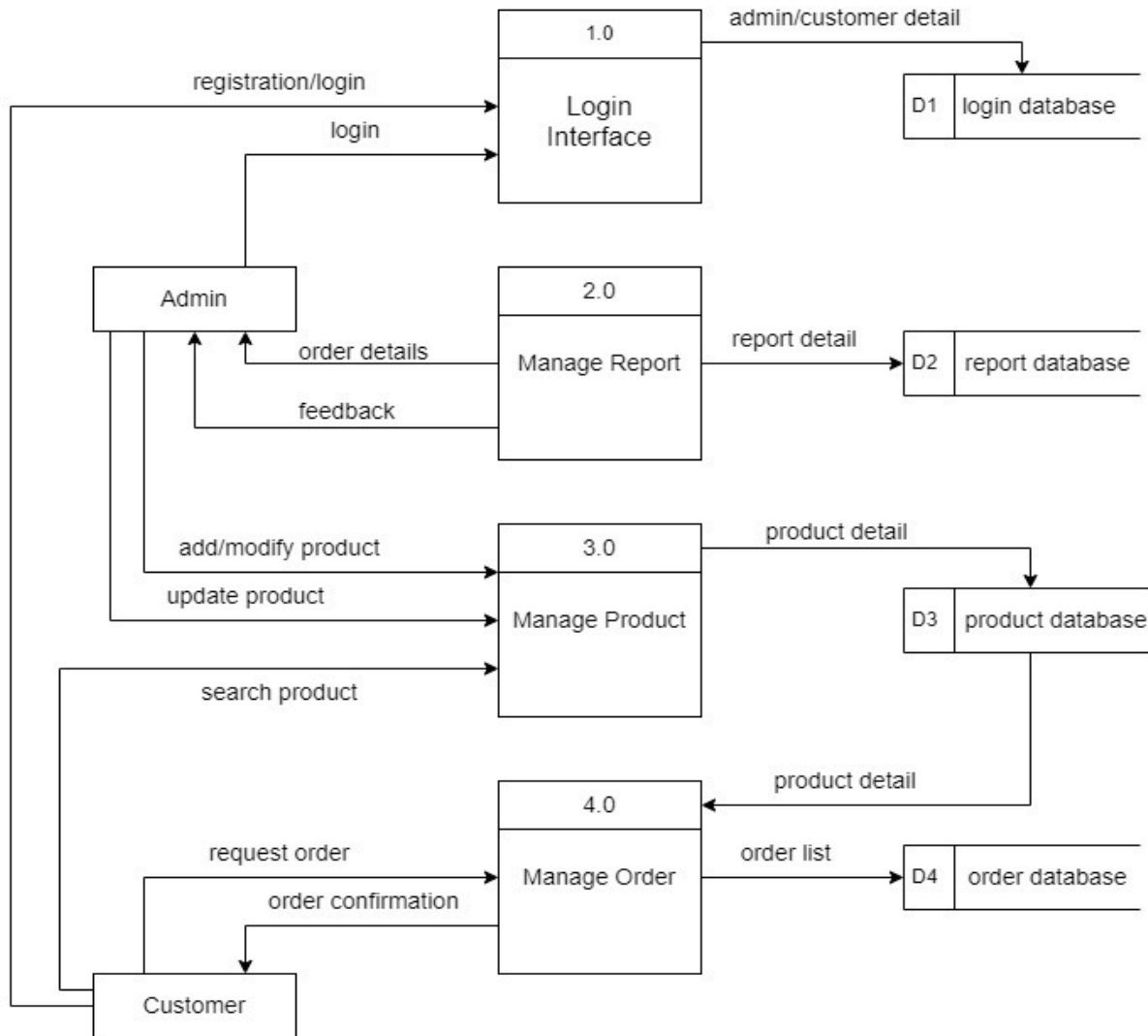
Figure 4.4: DFD

4.4 ER-Diagram
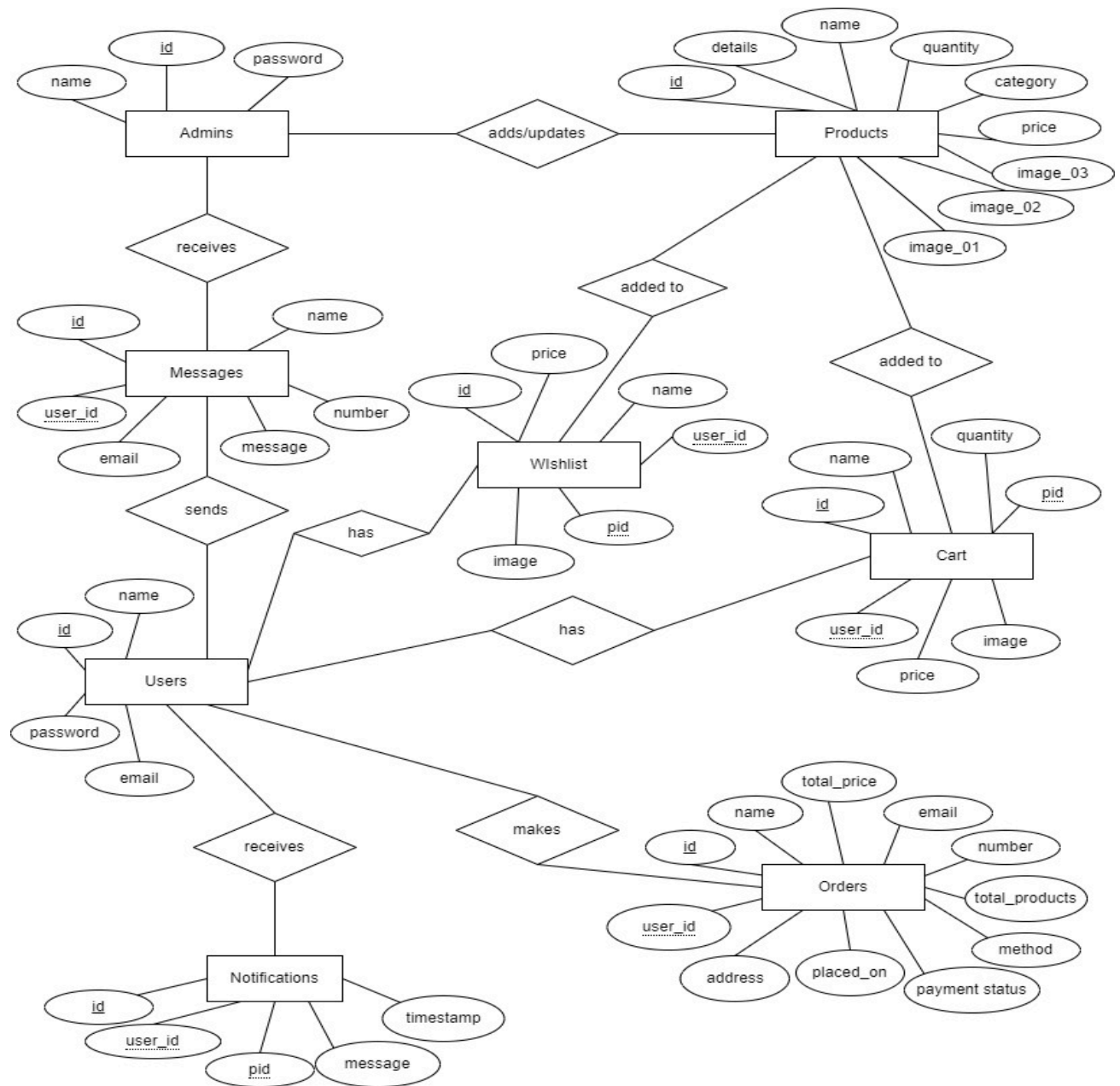
Figure 4.5: ER-diagram

4.5 Tools and Platforms
Software:

➢ MySQL, HTML, CSS, JS, and PHP

Platform:Windows

CHAPTER 5

RESULTS AND DISCUSSIONS

5.1 Analysis of Result

We have prepared project on "Cool Cosmetics" using HTML, CSS, PHP and DATABASE. This project has provided information about cosmetics related products like its price, size etc. Some screenshots of this project are:
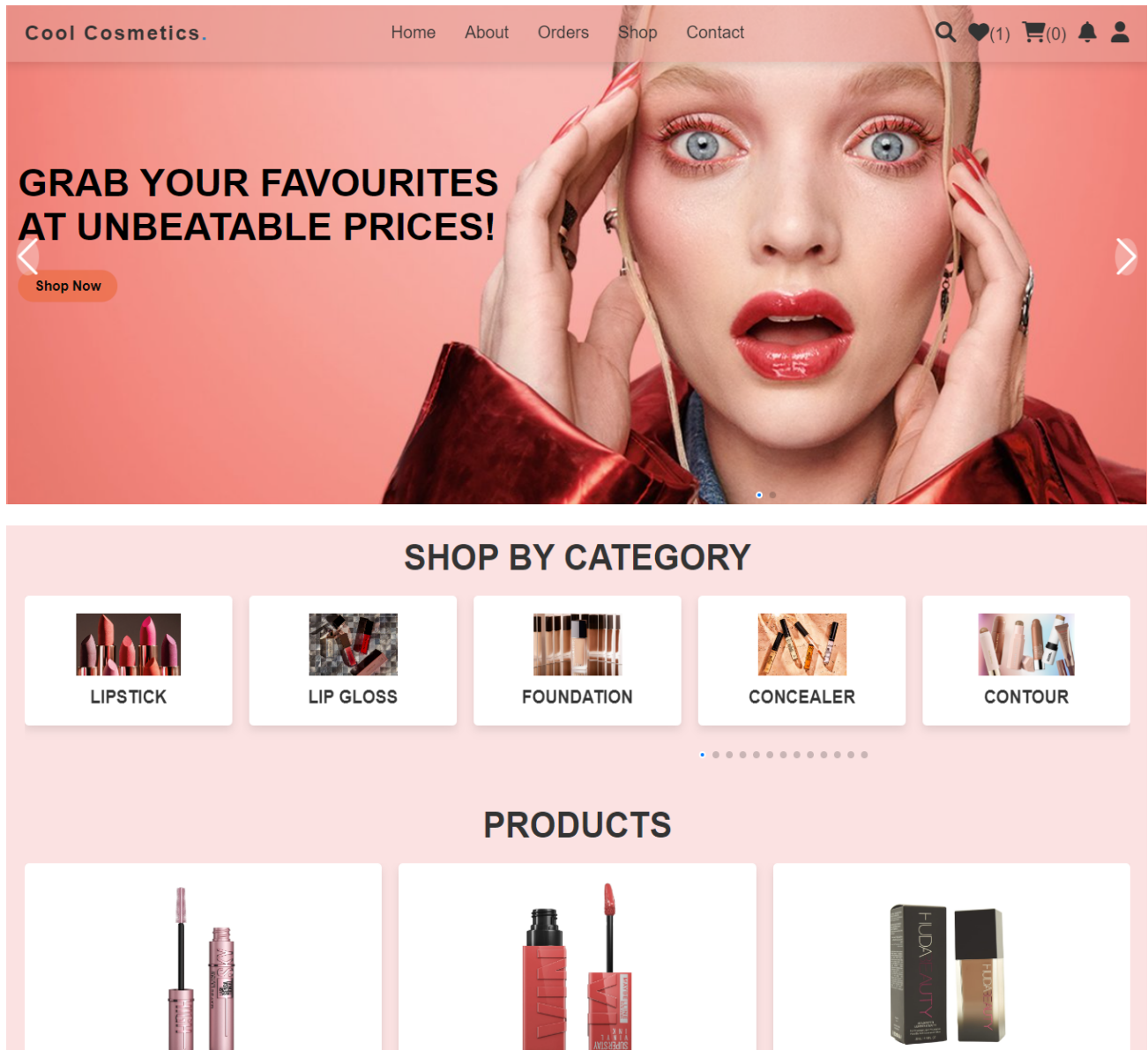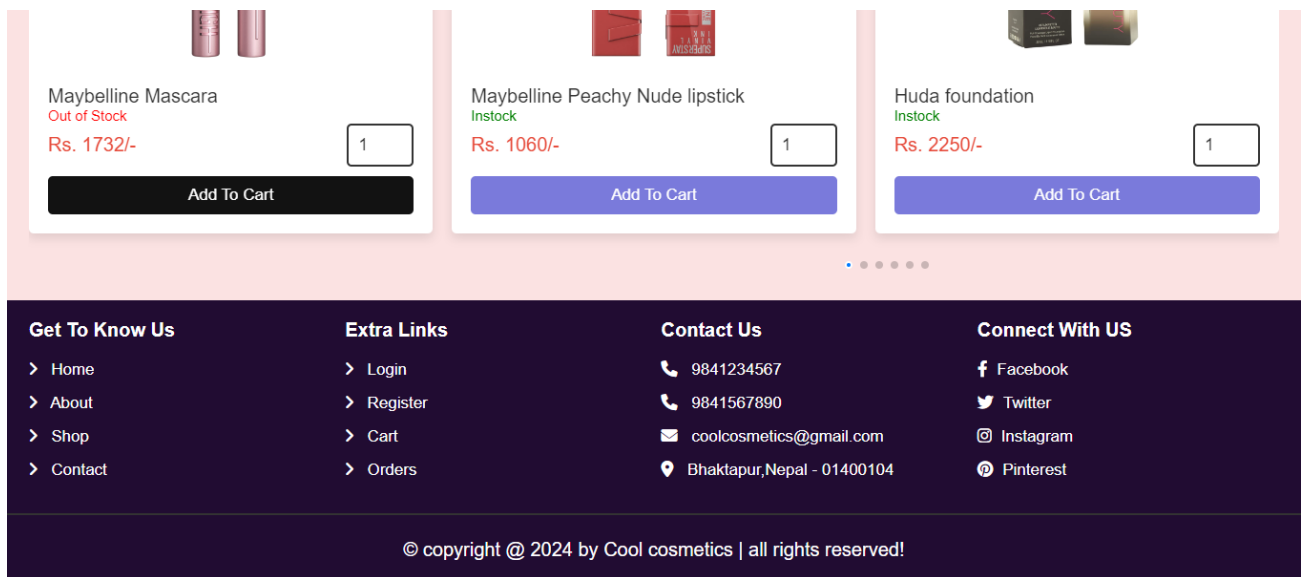
Fig 5.1: Home Page

It is the primary page of a website where customers can view the categories of the products as well as the products. They can check their orders, contact us, learn more about us and search the required products.
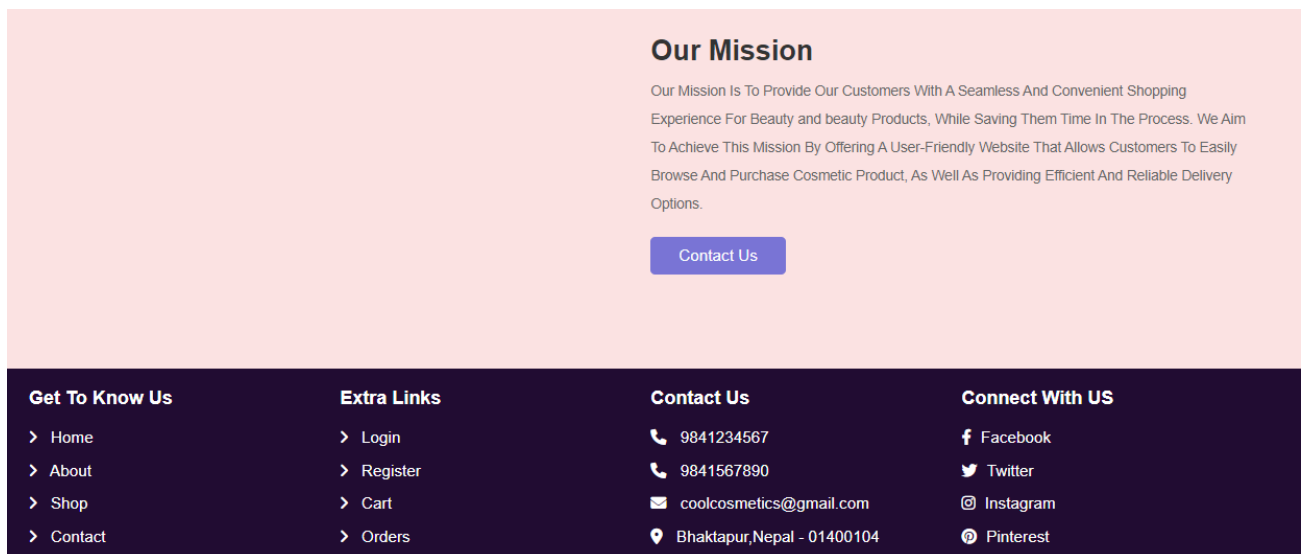
Fig 5.2: About us Page

Here in About Us section it focus on providing a concise overview of our company mission .

Fig 5.3: Search Page

In this page we can search products that are available in our site.
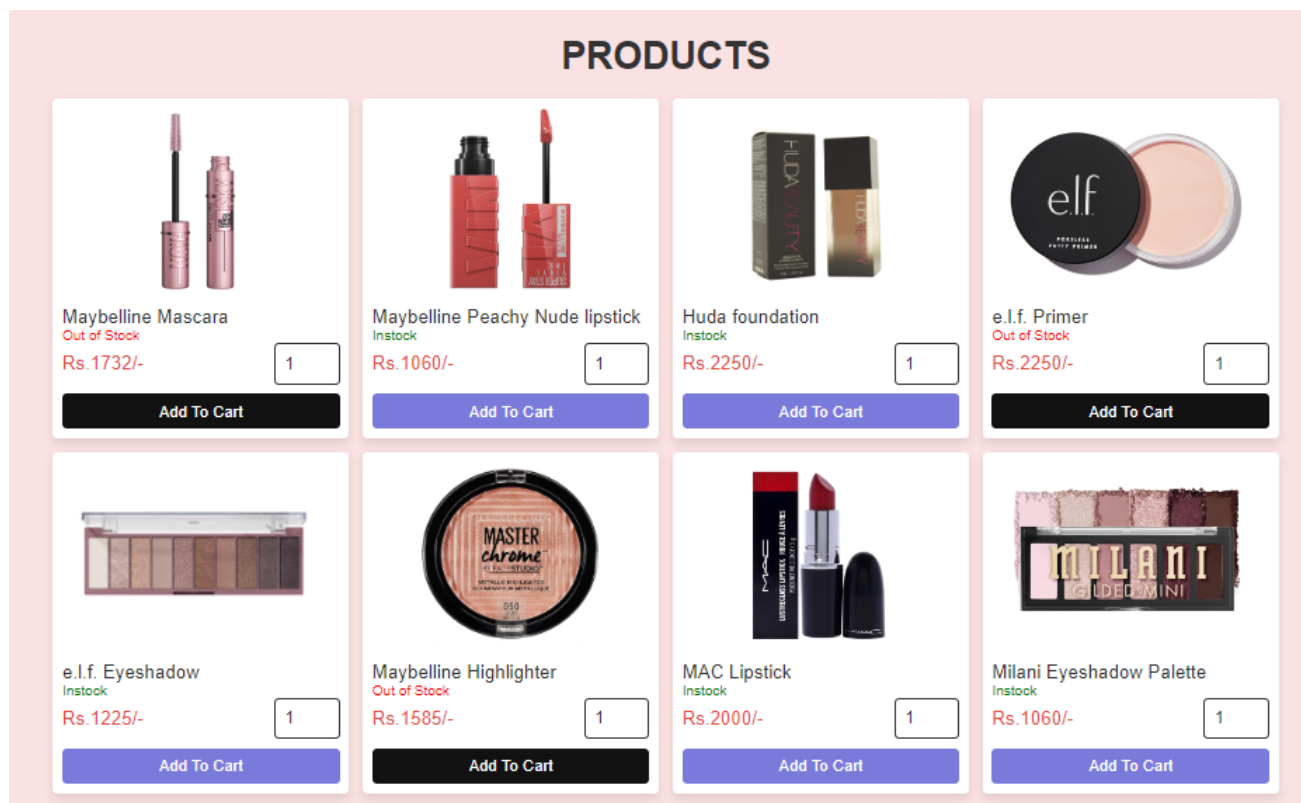
Fig 5.4: Shop page

Here all the products available in our shopping site are included with their prices and name.
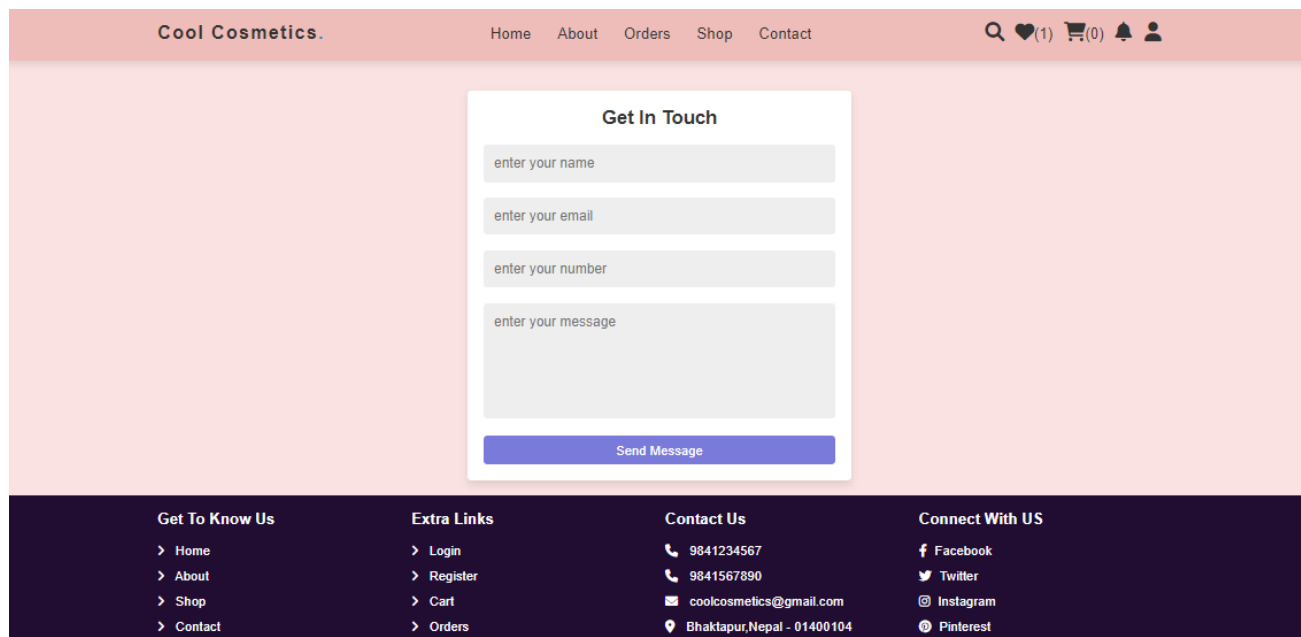
Fig 5.5: Contact Page
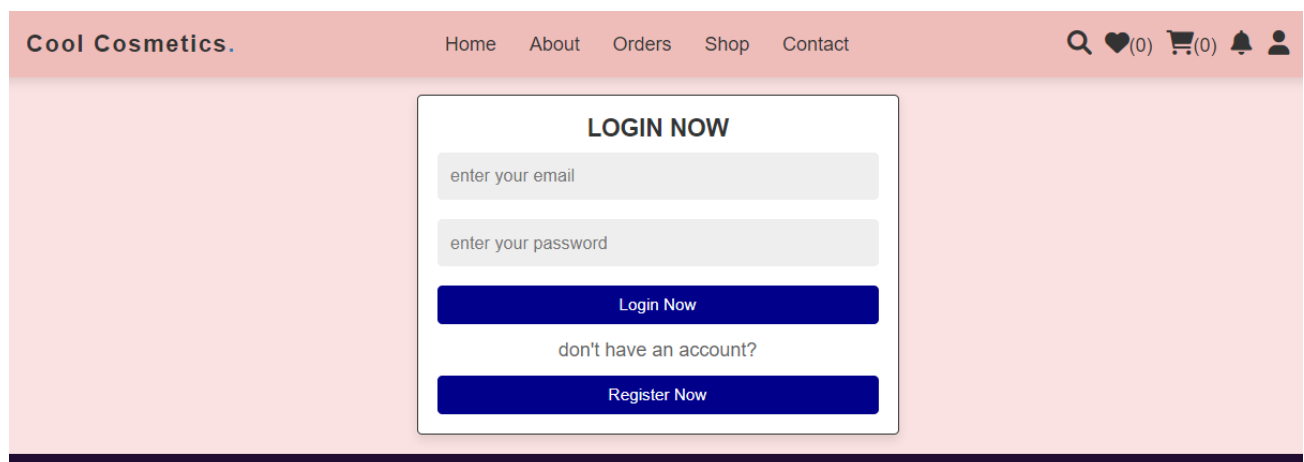
This is a contact page where customer can sent their messages and feedback.

Fig 5.6: Registration Page

This is a registration page where customer have to enter their information for further process.

Fig 5.7: Login Page

This is a login page where customer have to login for buying products from shopping system.
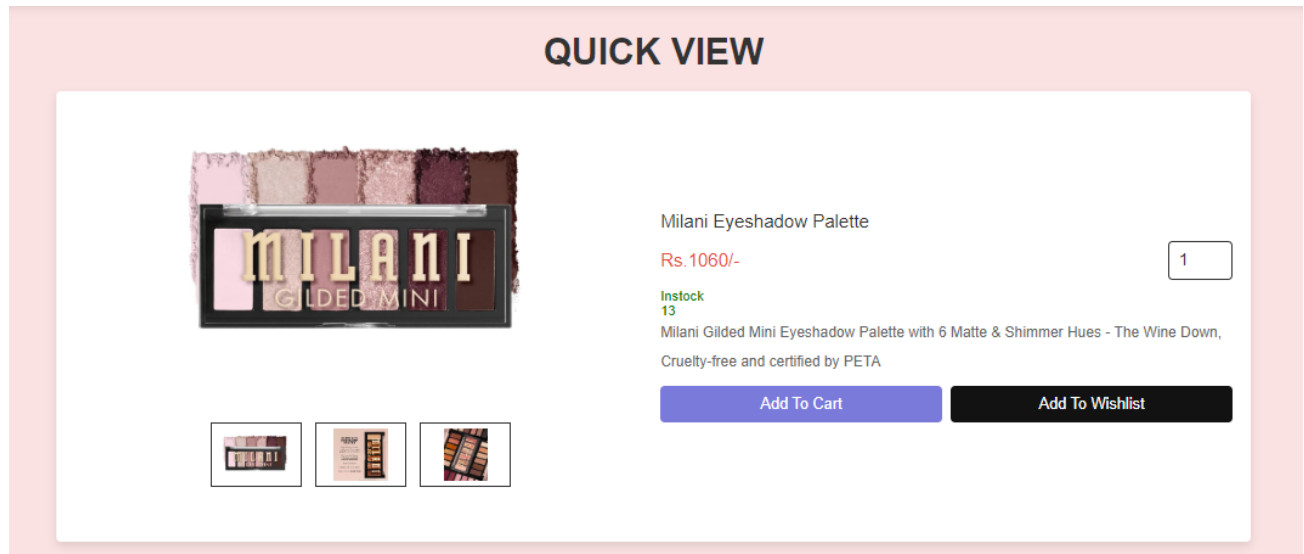

Fig 5.8: Quick view of products

Here customer can see the items available in the store, with full view of products and their details like quantity, price, etc.
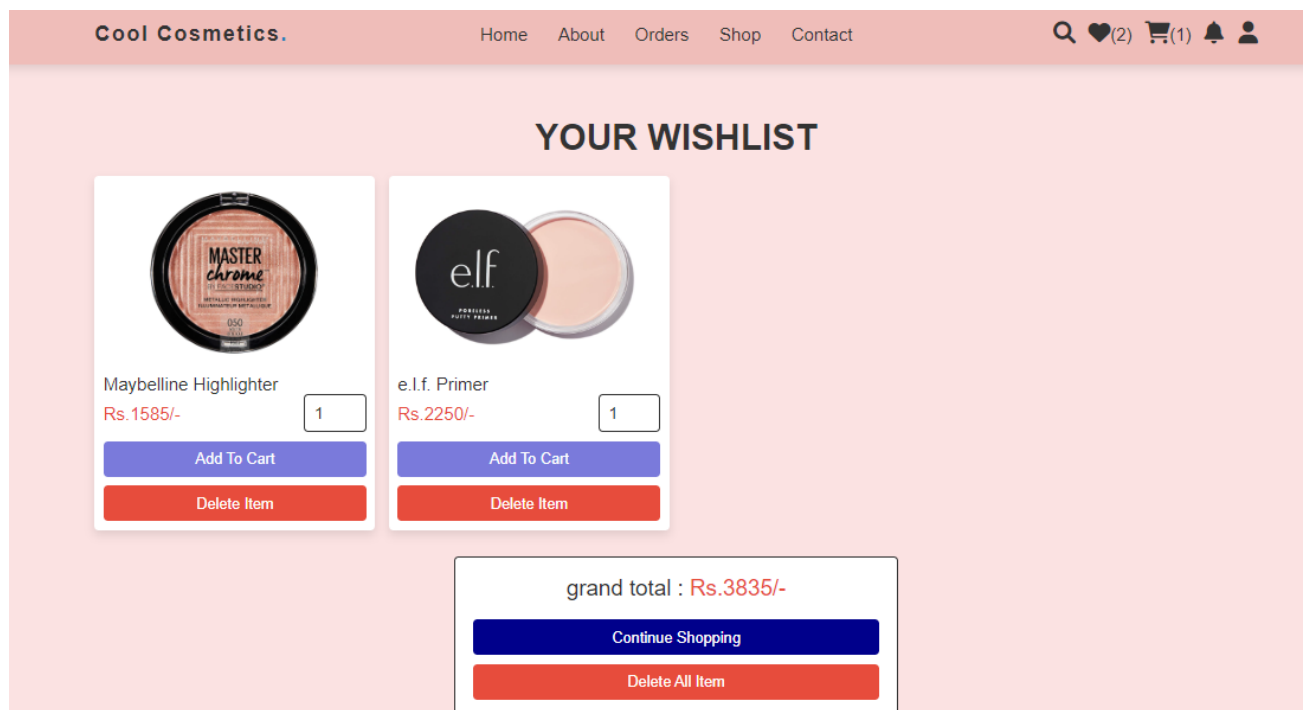

Fig 5.9: Wish list page

Items we wish to buy, so that further item can be added to cart easily are added to wish list page.
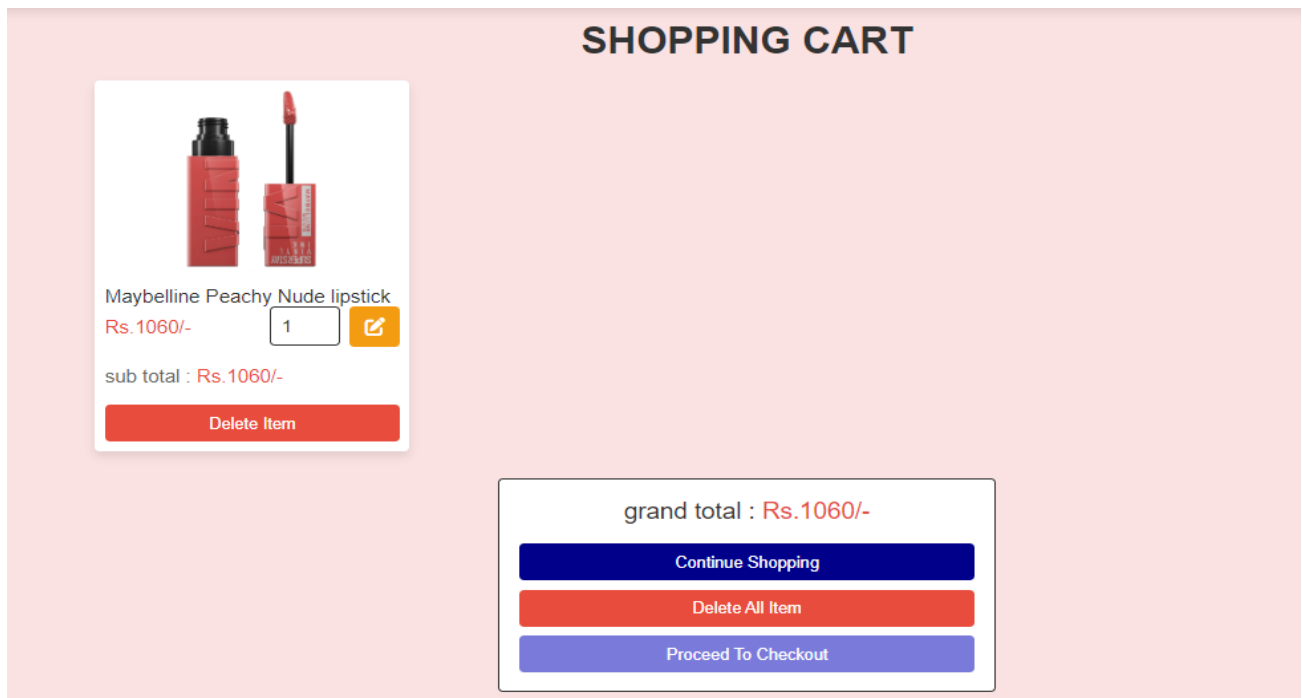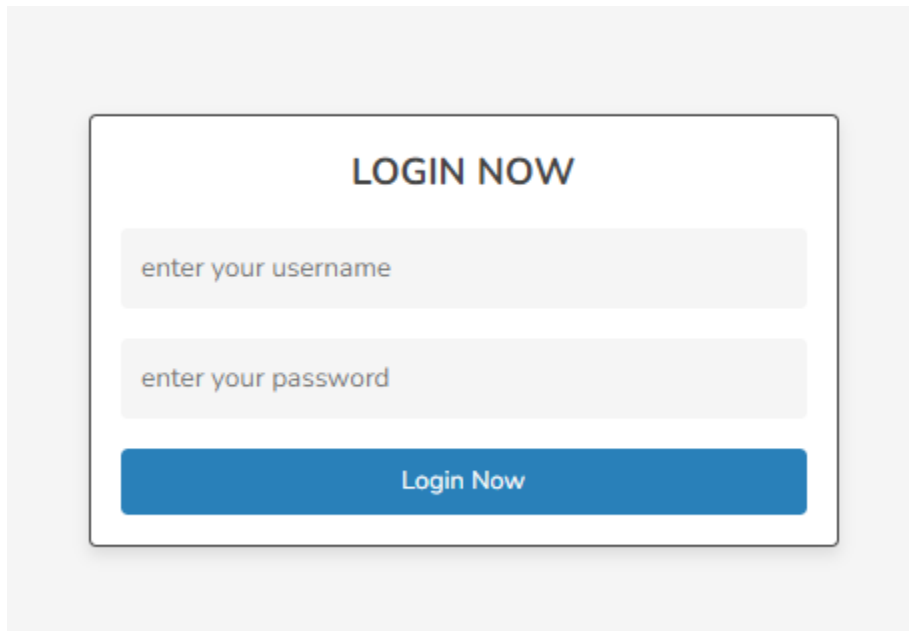
Fig 5.10: Cart Page

Items added to cart are displayed in this page and is further sent for checkout process.

Fig 5.11: Check out page
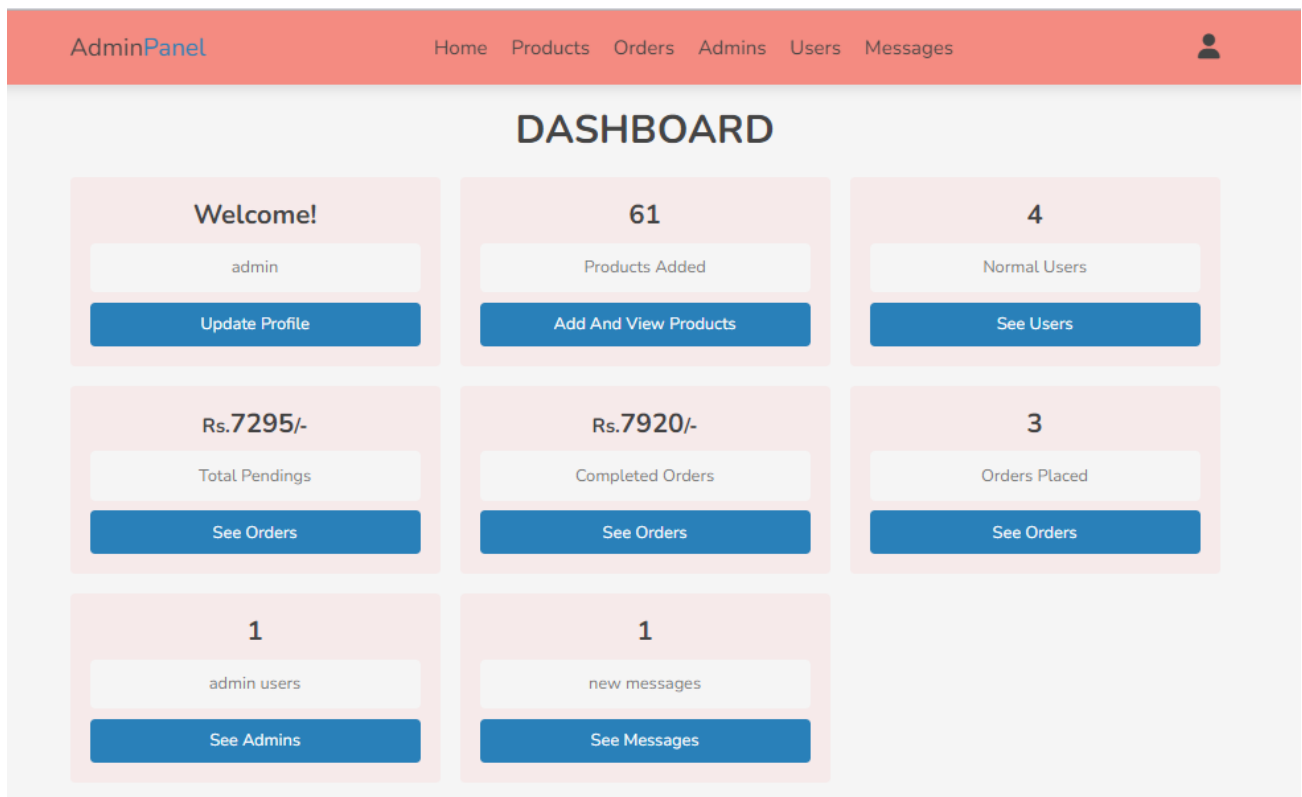
After adding items to cart, it is further sent to this checkout page for placing order.

Fig 5.12: Admin Login page

This is the admin login page where admin can manage products details, order details, can see messages and many more.

Fig 5.13: Dashboard page

ADD PRODUCT

product name (required)   Category (required)

[enter product name]   [Foundation ▼]

product price (required)   image 01 (required)

[enter product price]   [Choose File] No file chosen

image 02 (required)   image 03 (required)

[Choose File] No file chosen   [Choose File] No file chosen

product quantity (required)   product details (required)

[enter product quantity]   [enter product details]

[Add Product]

Fig 5.14: Products Page

Here admin can add and update their products details as available in store.

PLACED ORDERS

Attribute	Value
Placed On	2024-02-27
Name	rohisha
Number	9841230978
Address	flat no. 105, bhaktapur, Nepal - 44600
Total Products	Maybelline Peachy Nude lipstick (1060 x 2) - MAC Lipstick (2000 x 1) - Huda Beauty Mascara (3800 x 1) -
Total Price	Rs. 7920/-
Payment Method	cash on delivery

[completed ▼]

[Update] [Delete]

Attribute	Value
Placed On	2024-02-27
Name	anupa
Number	9841563210
Address	flat no. 106, bhaktapur, Nepal - 44600
Total Products	Maybelline Peachy Nude lipstick (1060 x 2) -
Total Price	Rs. 2120/-
Payment Method	cash on delivery

[pending ▼]

[Update] [Delete]

Attribute	Value
Placed On	2024-02-27
Name	shristii
Number	9840003017
Address	flat no. 777, bhaktapur, Nepal - 44600
Total Products	Milani Eyeshadow Palette (1060 x 1) - Swiss Beauty Bold Matt Lip Liner (1000 x 1) - Wet n Wild MegaLast Liquid Catsuit Matte Lipstick (599 x 1) - Maybelline Instant Age Rewind Eraser Concealer (920 x 1) - Kiss Beauty Eyeliner with Eyeliner Gel (Black and Brown) (420 x 1) - Revlon Liquid Foundation (1290 x 1) -
Total Price	Rs. 5289/-
Payment Method	cash on delivery

[pending ▼]

[Update] [Delete]

17

Fig 5.15: Order Placed Page

Here admin will see what customer had placed order and update as completed when delivered.
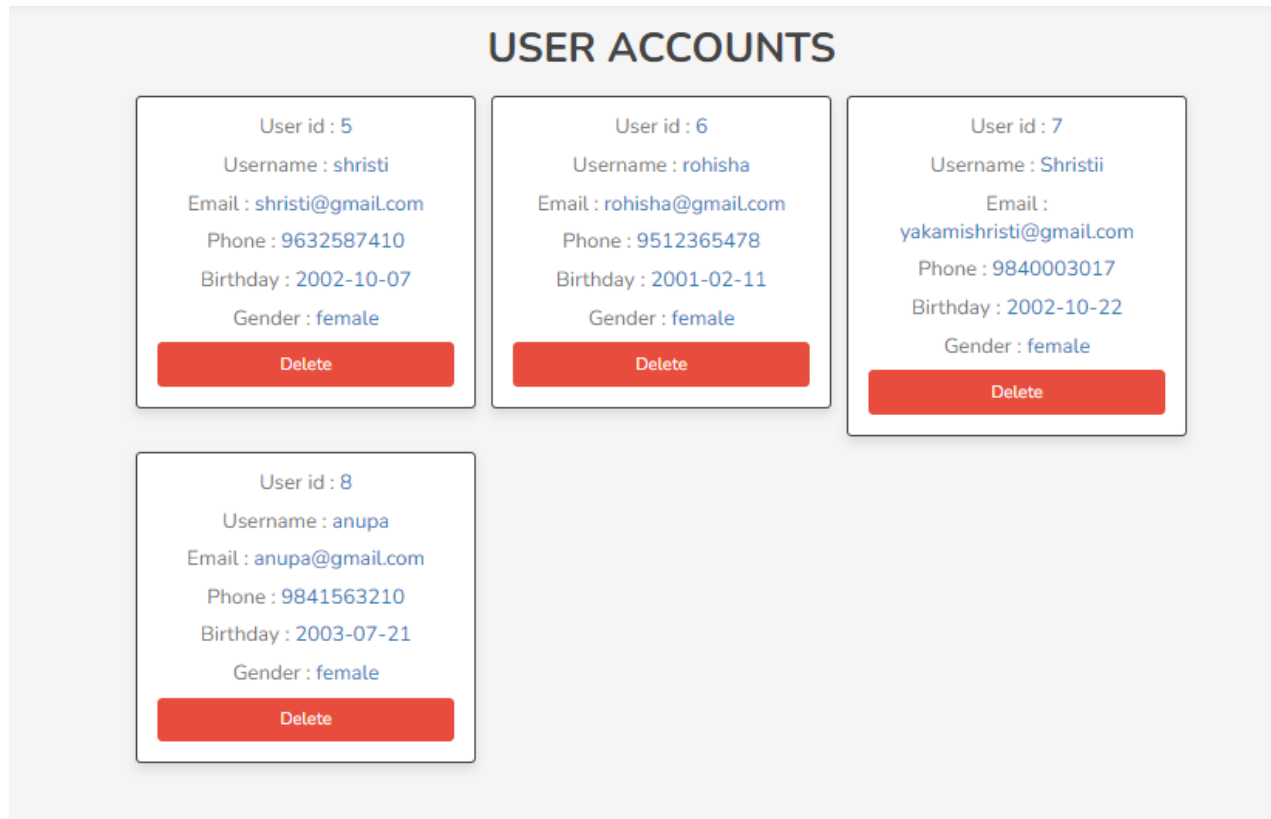

Fig 5.16: User accounts page
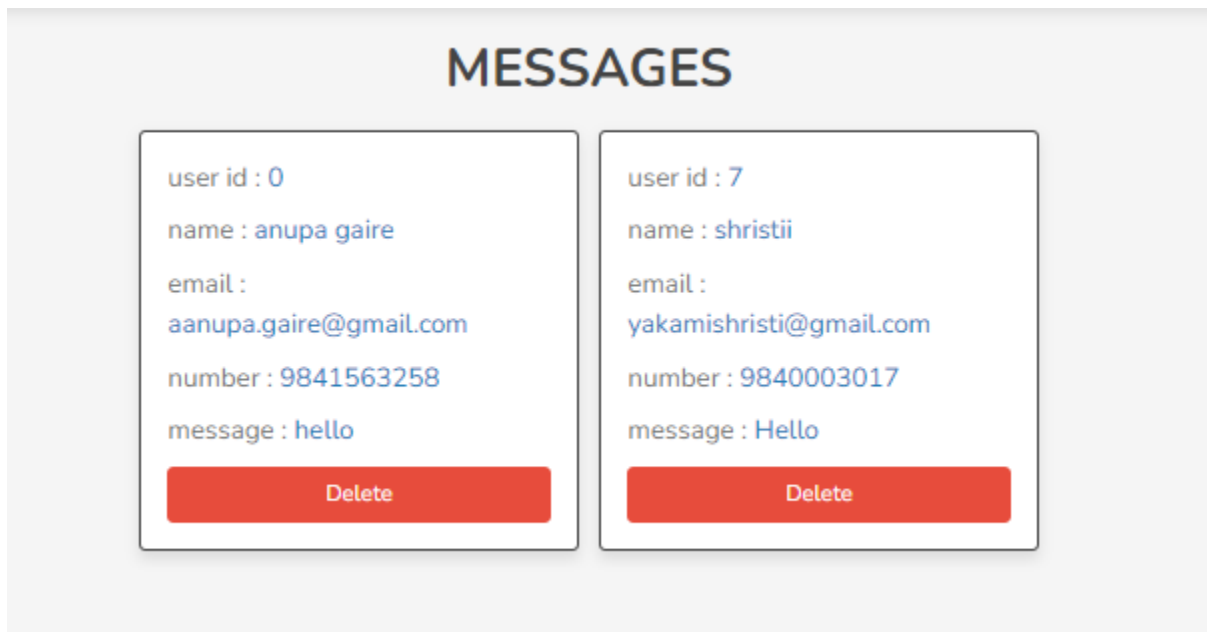
Here Admin can see total user details.

Fig 5.17: Messages page

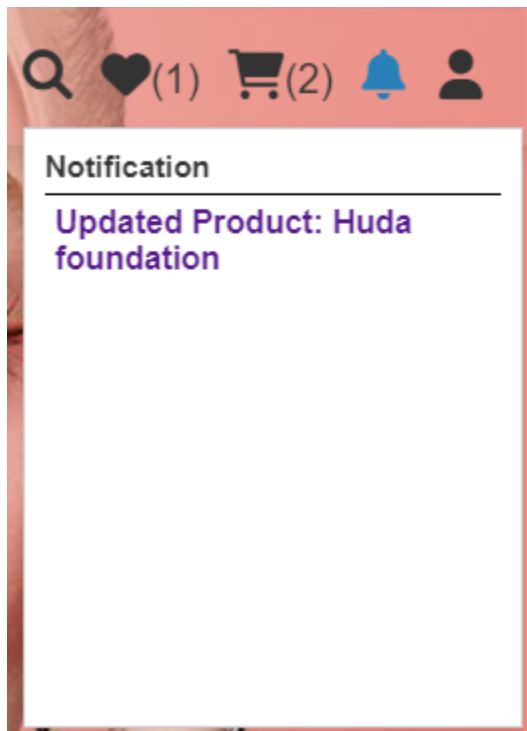Here the information is received from contact page.

Fig 5.18: Notification

Here, user receives a notification when a new product is added or existing product is updated.

CHAPTER 6

CONCLUSION AND FUTURE ENHANCEMENT

6.1. CONCLUSION

Hence, after the completion of this project, we got more familiar with the concept of web development. As a whole, this project has been a good learning experience for us to enhance and explore αrabilities and knowledge in the field of web development.

Still the website is not complete by itself but there will be always space for improvement. More features may be added to make it more attractive and user-friendly.

6.2. FUTURE ENHANCEMNET

Since this project was started with very little knowledge about the online shopping and how it works. A complete and useful project can only be developed with lot of intensive effort and time and due to the limitation of time, we came to know about the enhancement capability during the process of building it. Some of the scope we can increase for the betterment and effectiveness are listed below:
- Add payment methods
- Sign in through Facebook/ Google
- Making more user friendly.

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