

**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:

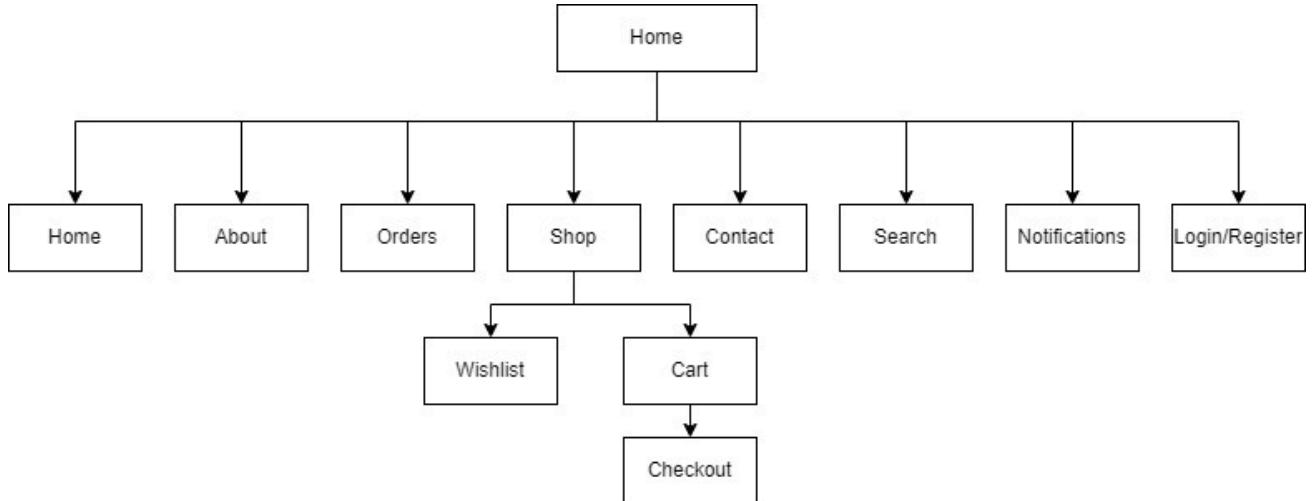
#### **3.2. Work Breakdown Structure**

S. N		Duration	1 <sup>st</sup> week	2 <sup>nd</sup> week	3 <sup>rd</sup> week	4 <sup>th</sup> week	5 <sup>th</sup> week	6 <sup>th</sup> 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

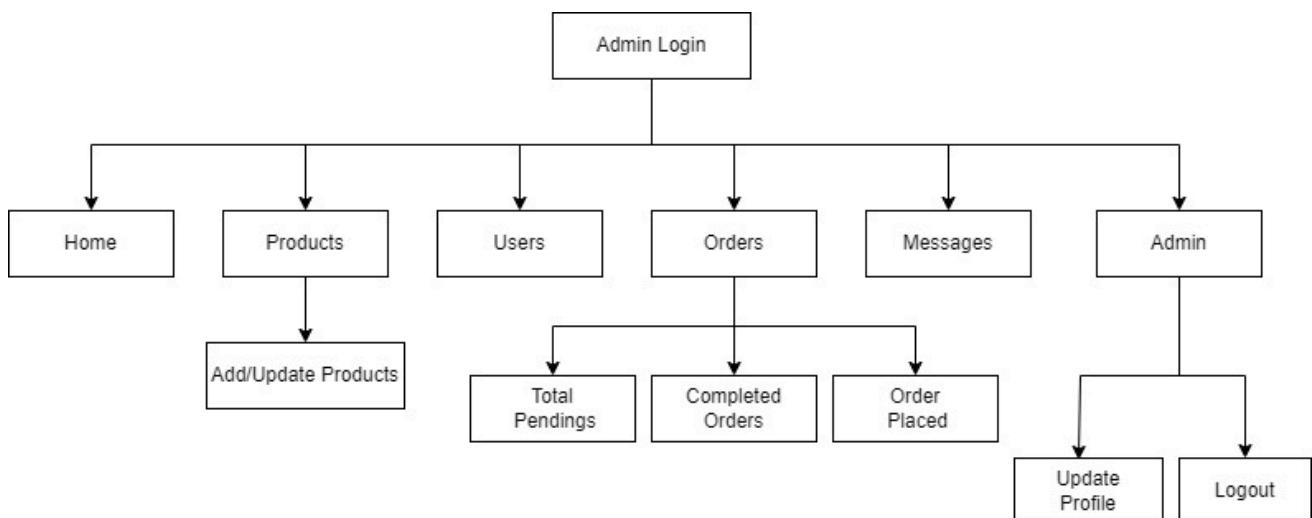
### METHODOLOGY

#### 4.1 Generic Model



**Figure 4.1: User Panel**

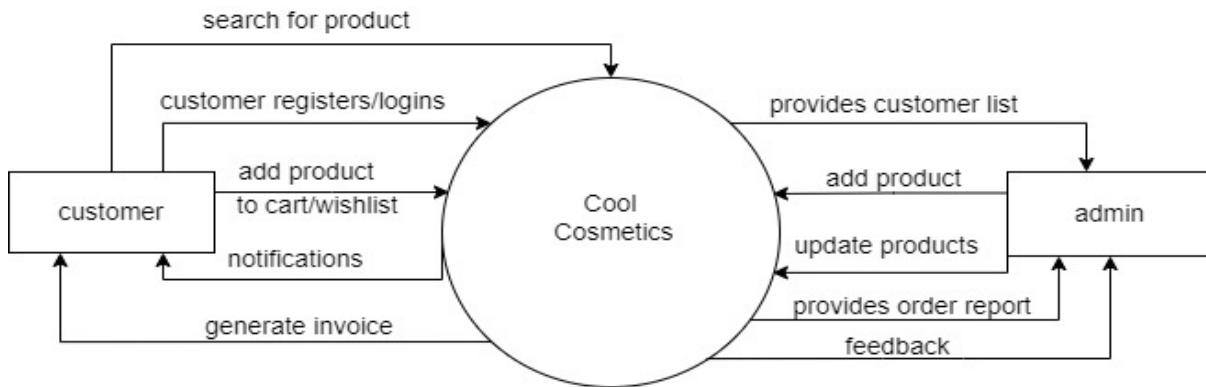
Here this is a generic model for user panel. Here a user will get a interface, which contains home page, about us page, order detail page, shop page, contact page, search page, notifications button, and login or register page so that user can buy products from the store and access wish list and cart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

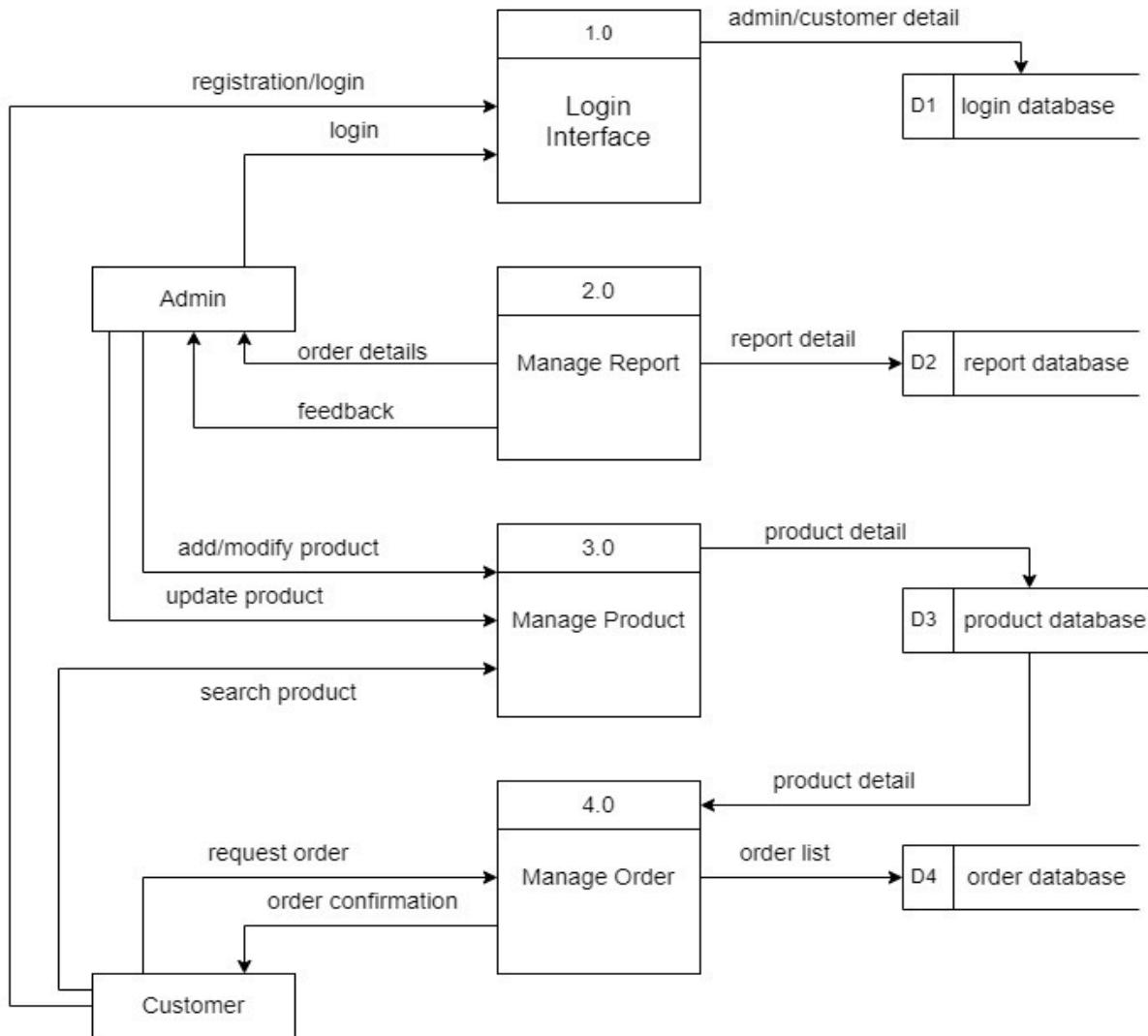


Figure 4.4: DFD

#### 4.4 ER-Diagram

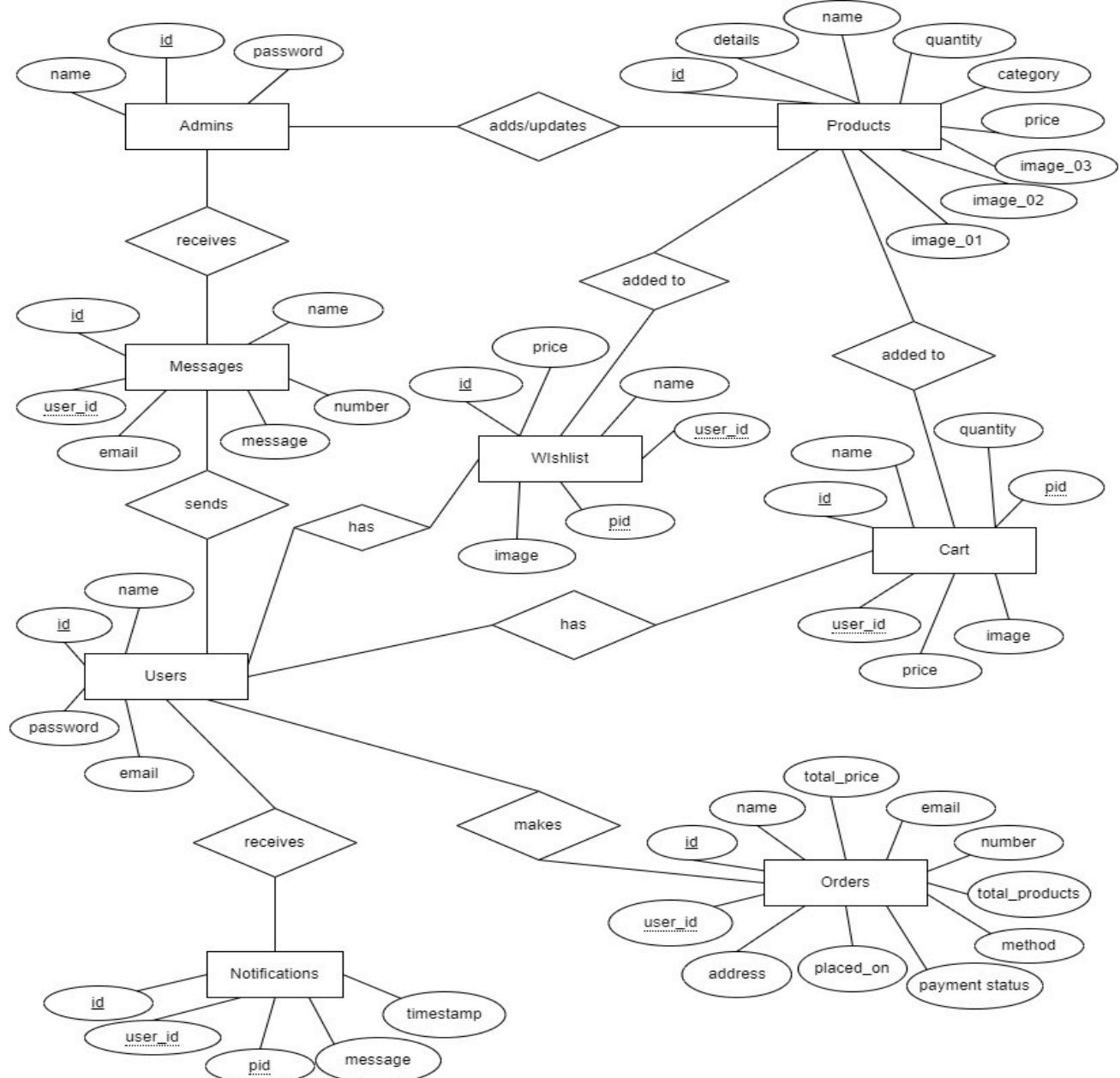


Figure 4.5: ER-diagram

#### 4.5 Tools and Platforms

Software:

- MySQL, HTML, CSS, JS, and PHP

Platform: Windows

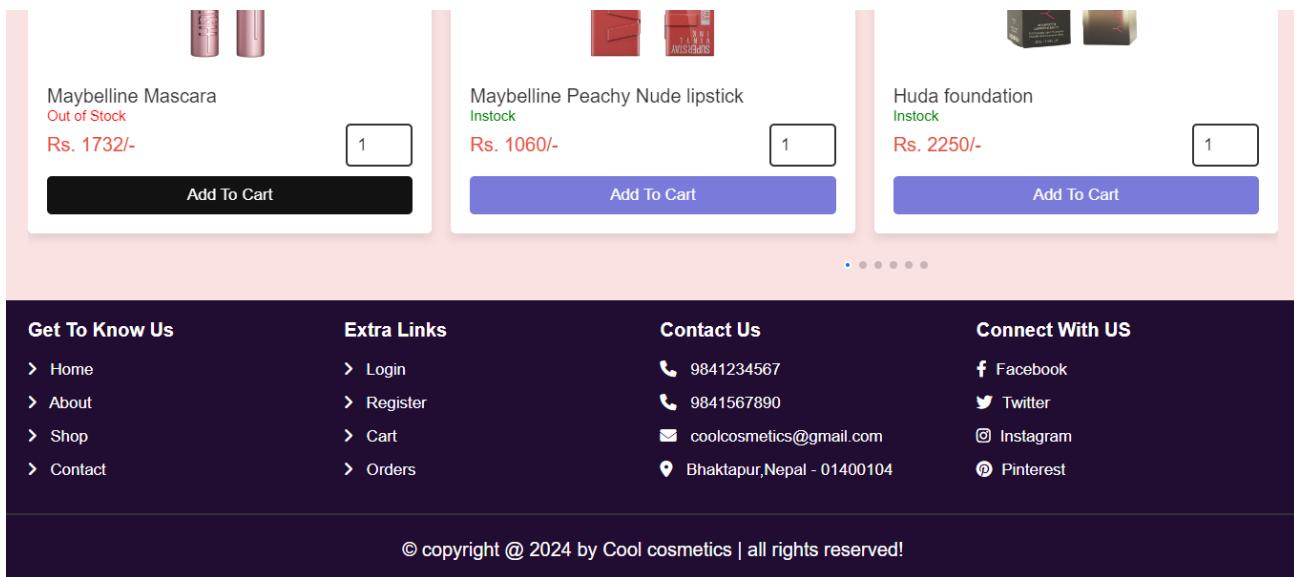
## CHAPTER 5

### 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:

The screenshot shows the homepage of the "Cool Cosmetics" website. At the top, there is a navigation bar with links for Home, About, Orders, Shop, and Contact. To the right of the navigation bar are icons for search, heart (with a count of 1), cart (with a count of 0), a bell, and a user profile. The main banner features a woman with blue eyes and red lips, wearing a red jacket, with her hands near her face. The text "GRAB YOUR FAVOURITES AT UNBEATABLE PRICES!" is displayed prominently. Below the banner is a "Shop Now" button with left and right arrows. The next section is titled "SHOP BY CATEGORY" and includes five categories: LIPSTICK, LIP GLOSS, FOUNDATION, CONCEALER, and CONTOUR, each with a corresponding image of makeup products. A horizontal ellipsis indicates more categories. The final section is titled "PRODUCTS" and shows three individual product images: a pink mascara tube, a red liquid lipstick, and a gold concealer tube.

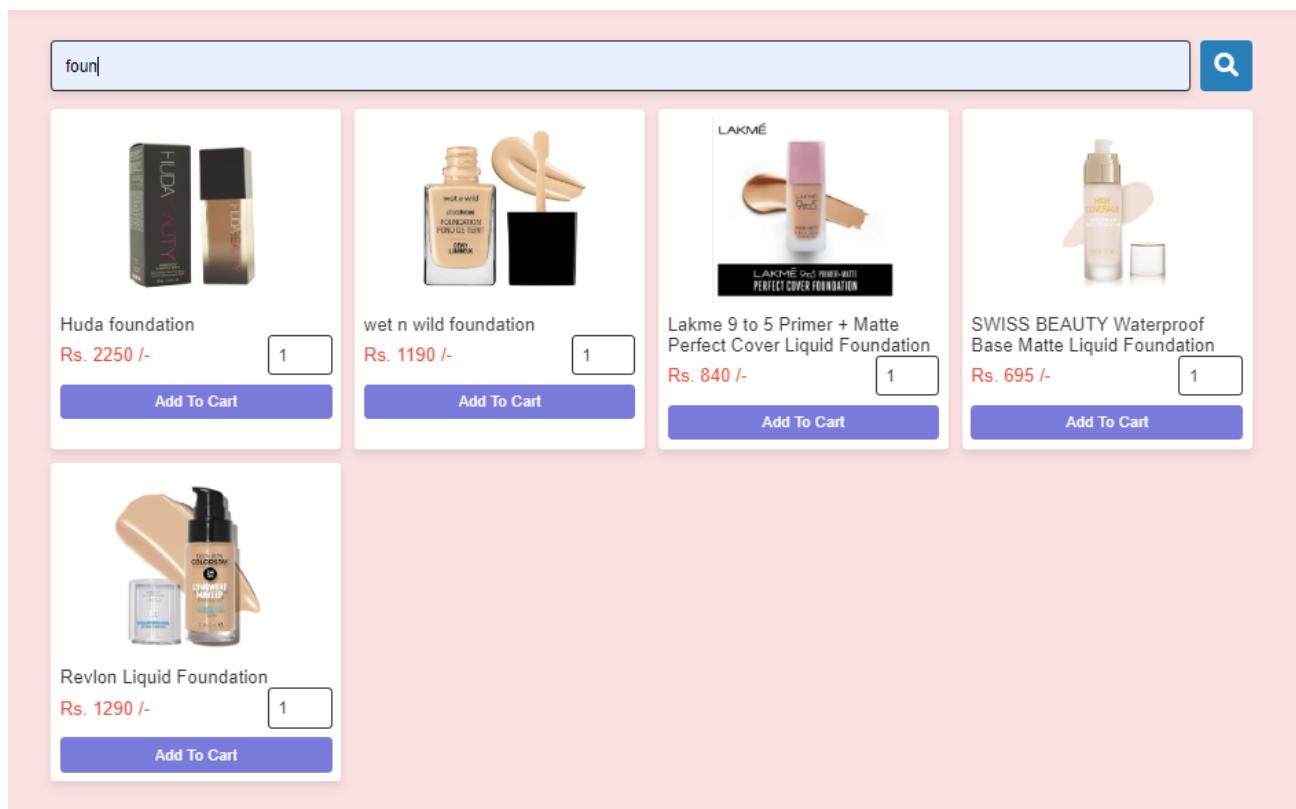


**Fig 5.1: Home Page**

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.

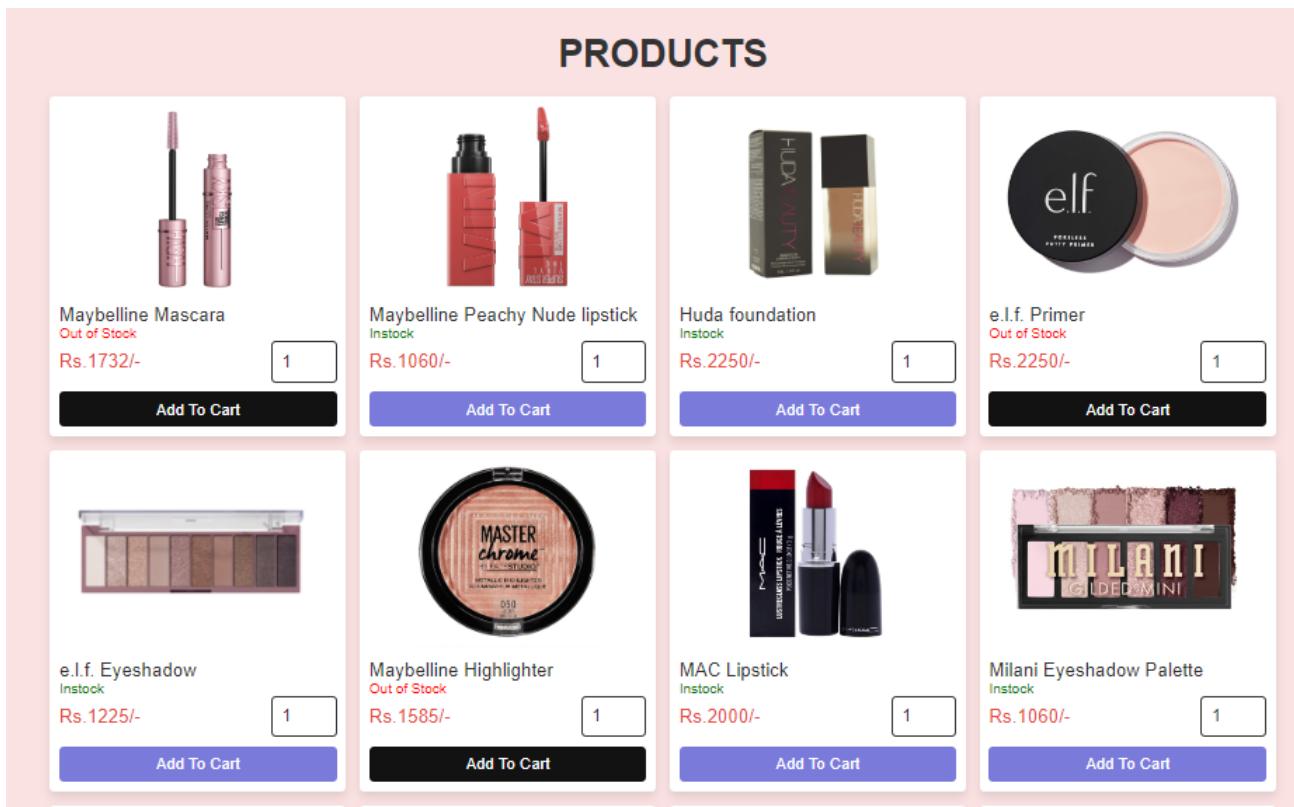
**Fig 5.2: About us Page**

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.

The Contact Page for Cool Cosmetics includes the following sections:

- Cool Cosmetics.** (Logo)
- Navigation menu: Home, About, Orders, Shop, Contact
- Search bar and user icons: heart(1), cart(0), bell, profile
- Get In Touch** form:
  - Input fields for name, email, number, and message
  - A "Send Message" button
- Get To Know Us** links:
  - > Home, > About, > Shop, > Contact
- Extra Links**:
  - > Login, > Register, > Cart, > Orders
- Contact Us** information:
  - Phone: 9841234567, 9841567890
  - Email: coolcosmetics@gmail.com
  - Address: Bhaktapur,Nepal - 01400104
- Connect With US** social media links:
  - Facebook, Twitter, Instagram, Pinterest

**Fig 5.5: Contact Page**

This is a contact page where customer can sent their messages and feedback.

## Registration Form

User Name

Email Address

Phone Number

 Date Of Birth  
 

Gender

male     Female     Other

Password

 Confirm Password  

**Register Now**

**Fig 5.6: Registration Page**

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

Cool Cosmetics.

Home   About   Orders   Shop   Contact  

**LOGIN NOW**

don't have an account?

**Register Now**

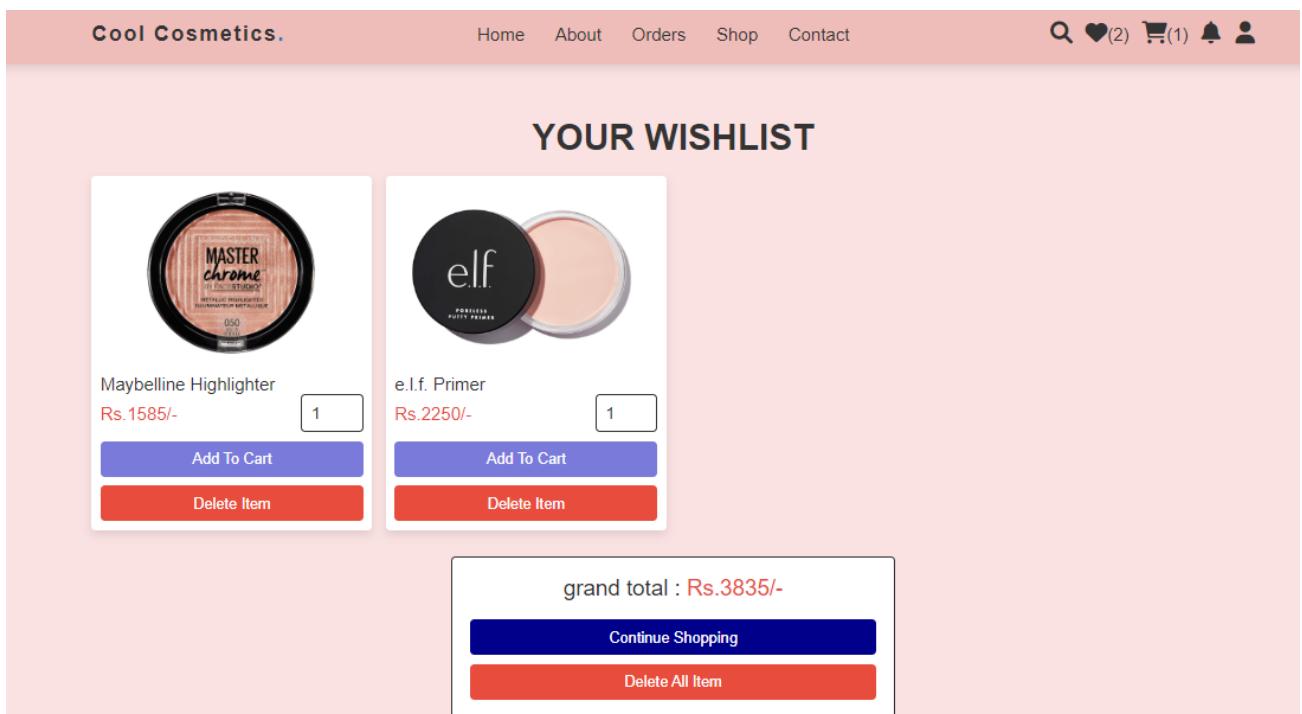
**Fig 5.7: Login Page**

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



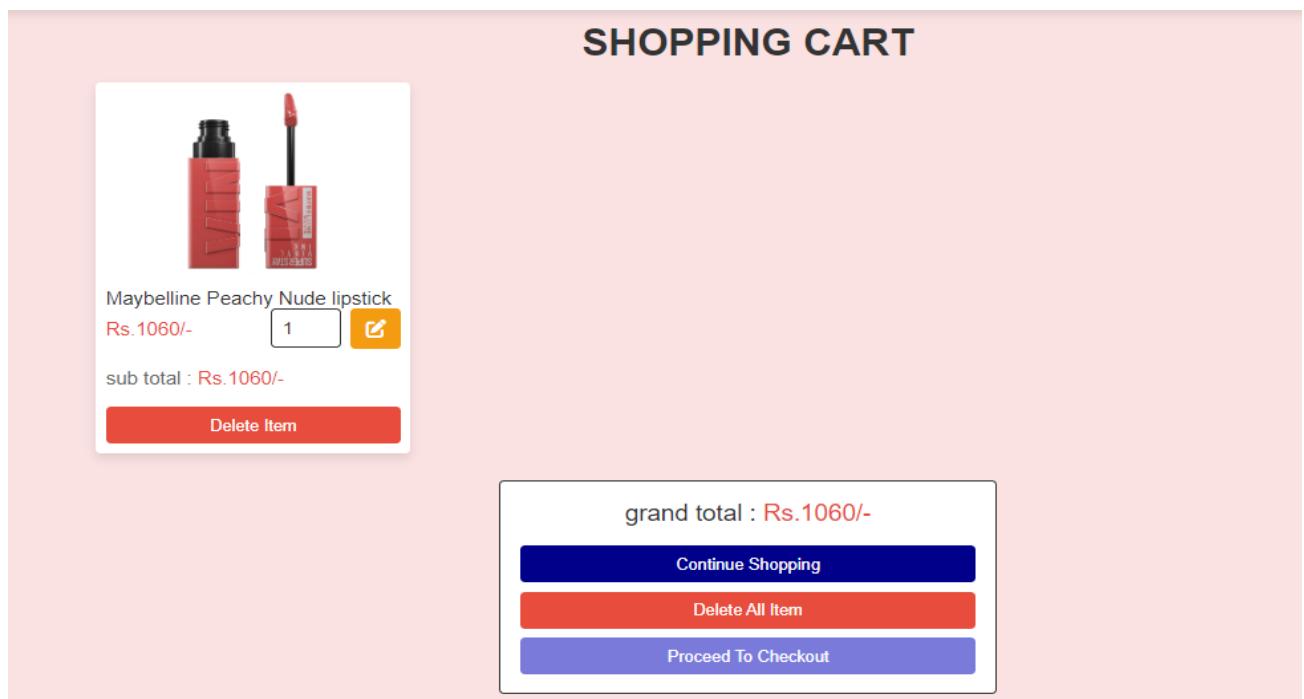
**Fig 5.8: Quick view of products**

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.



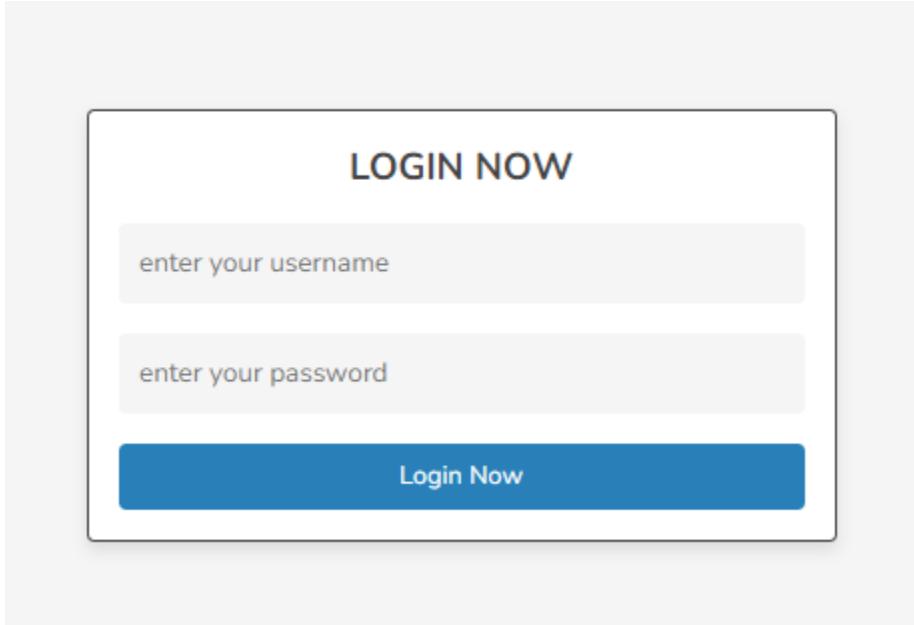
**Fig 5.10: Cart Page**

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

The screenshot shows a checkout form. At the top, a dark bar says "YOUR ORDERS" and contains a box for "Maybelline Peachy Nude lipstick (Rs.1060/- x 1)". Below this is a "Grand total : Rs.1060/-". A second dark bar at the top says "PLACE YOUR ORDERS". The form consists of several input fields: "your name :" with a placeholder "enter your name", "your number :" with a placeholder "enter your number", "your email :" with a placeholder "enter your email", "payment method :" with a dropdown menu set to "cash on delivery", "address line 01 :" with a placeholder "e.g. flat number", "city :" with a placeholder "e.g. Bhaktapur", "country :" with a placeholder "e.g. Nepal", "pin code :" with a placeholder "e.g. 123456", and a large blue "Place Order" button at the bottom.

**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.

A screenshot of the admin dashboard. The top navigation bar is orange and contains the text "AdminPanel" on the left, and "Home Products Orders Admins Users Messages" on the right, along with a user profile icon. Below the navigation is a header with the word "DASHBOARD" in large, bold, black letters. The dashboard is organized into several cards: 1. A card titled "Welcome!" showing "admin" and a blue "Update Profile" button. 2. A card titled "61" showing "Products Added" and a blue "Add And View Products" button. 3. A card titled "4" showing "Normal Users" and a blue "See Users" button. 4. A card titled "Rs.7295/-" showing "Total Pending" and a blue "See Orders" button. 5. A card titled "Rs.7920/-" showing "Completed Orders" and a blue "See Orders" button. 6. A card titled "3" showing "Orders Placed" and a blue "See Orders" button. 7. A card titled "1" showing "admin users" and a blue "See Admins" button. 8. A card titled "1" showing "new messages" and a blue "See Messages" button.

**Fig 5.13: Dashboard page**

## ADD PRODUCT

product name (required)	Category (required)
<input type="text" value="enter product name"/>	<input type="text" value="Foundation"/> <span style="font-size: small;">▼</span>
product price (required)	image 01 (required)
<input type="text" value="enter product price"/>	<input type="button" value="Choose File"/> No file chosen
image 02 (required)	image 03 (required)
<input type="button" value="Choose File"/> No file chosen	<input type="button" value="Choose File"/> No file chosen
product quantity (required)	product details (required)
<input type="text" value="enter product quantity"/>	<input type="text" value="enter product details"/>
<input type="button" value="Add Product"/>	

**Fig 5.14: Products Page**

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

## PLACED ORDERS

Attribute	Value	Attribute	Value	Attribute	Value
Placed On	2024-02-27	Placed On	2024-02-27	Placed On	2024-02-27
Name	rohisha	Name	anupa	Name	shristii
Number	9841230978	Number	9841563210	Number	9840003017
Address	flat no. 105, bhaktapur, Nepal - 44600	Address	flat no. 106, bhaktapur, Nepal - 44600	Address	flat no. 777, bhaktapur, Nepal - 44600
Total Products	Maybelline Peachy Nude lipstick (1060 x 2) - MAC Lipstick (2000 x 1) - Huda Beauty Mascara (3800 x 1) -	Total Products	Maybelline Peachy Nude lipstick (1060 x 2) -	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. 7920/-	Total Price	Rs. 2120/-	Total Price	Rs. 5289/-
Payment Method	cash on delivery	Payment Method	cash on delivery	Payment Method	cash on delivery
<input type="text" value="completed"/> <span style="font-size: small;">▼</span>		<input type="text" value="pending"/> <span style="font-size: small;">▼</span>		<input type="text" value="pending"/> <span style="font-size: small;">▼</span>	
<input type="button" value="Update"/> <input type="button" value="Delete"/>		<input type="button" value="Update"/> <input type="button" value="Delete"/>		<input type="button" value="Update"/> <input type="button" value="Delete"/>	

**Fig 5.15: Order Placed Page**

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

## USER ACCOUNTS

User id : 5  
Username : shristi  
Email : shristi@gmail.com  
Phone : 9632587410  
Birthday : 2002-10-07  
Gender : female

Delete

User id : 6  
Username : rohisha  
Email : rohisha@gmail.com  
Phone : 9512365478  
Birthday : 2001-02-11  
Gender : female

Delete

User id : 7  
Username : Shristii  
Email : yakamishristi@gmail.com  
Phone : 9840003017  
Birthday : 2002-10-22  
Gender : female

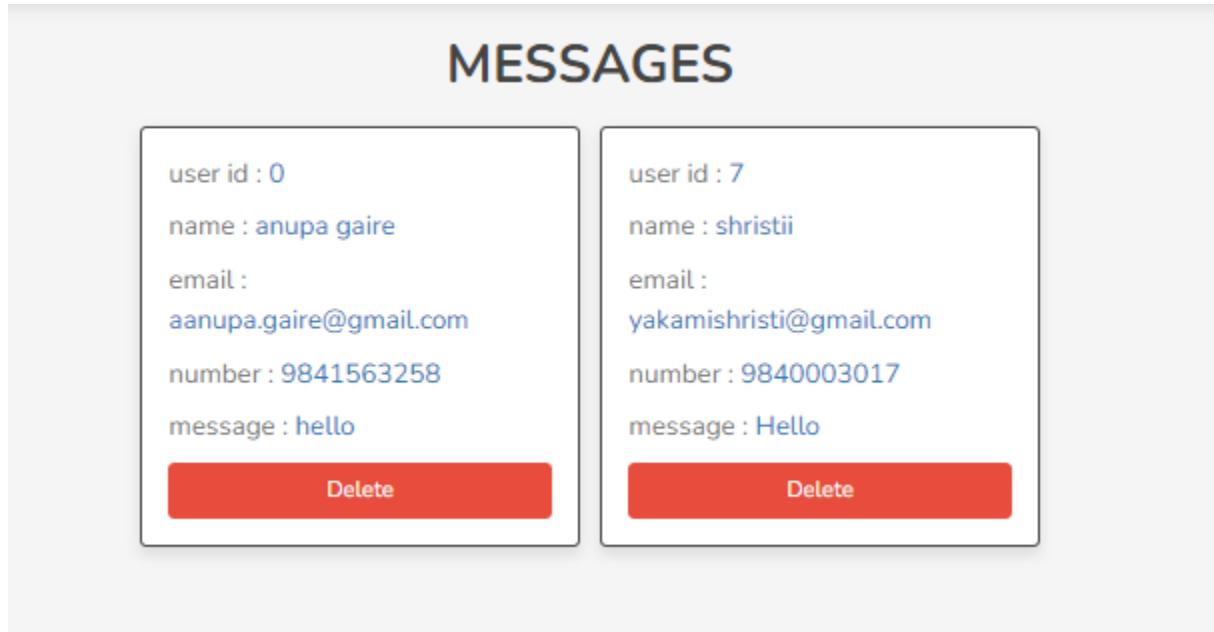
Delete

User id : 8  
Username : anupa  
Email : anupa@gmail.com  
Phone : 9841563210  
Birthday : 2003-07-21  
Gender : female

Delete

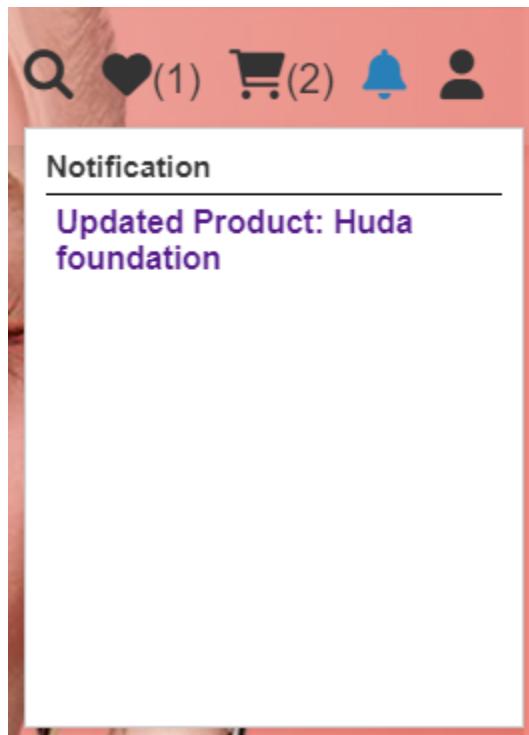
**Fig 5.16: User accounts page**

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 abilities 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 ENHANCEMENT**

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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