A

PROJECT REPORT

ON

“ SkinLab ”

Submitted in partial fulfilment of the requirement for

Bachelor of Computer Application (B.C.A)

(Semester-VI)

Sant Gadge Baba Amravati University, Amravati.

Submitted By

Ms. Pournima A. Madankar

Under Guidance of

“Prof. Mr. Pravin Dhande “

Department of BCA

Smt. Maherbanu College of Science and Commerce, Akola

(2023-2024)

Shri Akola Gujarati Samaj's

SMT. MAHERBANU COLLEGE OF SCIENCE & COMMERCE

Creating Knowledge Society . . .

Recognised by Govt. of Maharashtra / Affiliated to SGB Amravati University

CERTIFICATE

This is to certify that Project Work titled **"SkinLab"** is a bonafide work conducted by **Ms. Pournima A. Madankar** a student of Bachelor of Computer Application (BCA-III Semester-VI) under our guidance.

Dr. Smita Shingrup	**Prof. Pravin Dhande**	**Prof. Avani Kulkarni**
Principal	Faculty Guide	H.O.D.

ACKNOWLEDGEMENT

*It is our privilege to express our sincerest regards to our project coordinator **Prof. Pravin Dhande**, for their valuable inputs, guidance, encouragement, wholehearted cooperation and constructive criticism throughout the duration of our project.*

*We deeply express our sincere thanks to our Principal **Dr. Smita Shingrup** for encouraging and allowing us to present the project on the topic **"SkinLab"** at our department premises for the partial fulfilment of the requirements leading to the sward of Bachelor of Computer Application (BCA) degree.*

We take this opportunity to thank all our lecturers who have directly or indirectly helped our project. We pay our respects and love to our parents and all other family members and friends for their love and encouragement throughout our career. Last but not the least we express our thanks to our friends for their cooperation and support.

Thank You

DECLARATION

I hereby declare that this project titled **"SkinLab.com"** Submitted to Sant Gadge Baba Amravati University, for the award of the degree of **BACHELOR OF COMPUTER APPLICATION**, is a record of original work done by us under the supervision and guidance of **Prof. Pravin Dhande** and the project has not formed the basis for the award of any degree/diploma candidate of university.

Submitted By: -

Miss. Pournima A. Madankar

Date:

Place: Akola

PREFACE

In the current world of computer science, each and every field whether it is financial, industrial, educational, technological, research, private business or others all are using computer for to get real power of the current technology.

It not only saves man power but also the human most costly resource. Time as the company or business growth.

The requirement of data manipulation also grows everyone wishes together with current world.

In this most dynamic world, I also remain dynamic to remain alive against my business in every field proves case of operation flexibility real time response and facility of storing big database of respective as per requirement.

INDEX

SR.NO	TITLE	PAGE NO
01	**INTRODUCTION** 1.1Project Overview 1.2Project Purpose	1
02	**SYSTEM ANALYSIS** 2.1 The Existing System 2.2 Requirement of the New System	2
03	**SYSTEM CONFIGURATION** 3.1 software configuration 3.2 Hardware configuration	3
04	**SYSTEM DESIGN** 4.1 Admin and User Login 4.2 Data Design 4.3 User Interface Design	4-10
05	**SYSTEM IMPLEMENTATION AND TESTING** 5.1 Implementation 5.2 Testing	11
06	**APPENDIX** 6.1 Data Flow Diagram	12-14
07	**SCOPE AND LIMITATION**	15
08	**CONCLUSION**	16
09	**BIBILOGRAPHY**	17

1.INTRODUCTION

1.1 Introduction

- The project is about **"Customizable SkinCare Products"** where user have a choice of selecting what is best for themselves.
- In an Era where individually resigns supreme, We recognise that one-size-fits all solution simply don't cut it. That's why we are thrilled to introduce our innovative project focused on customizable screen skin care products.
- With our project you will have the opportunity to tailor your skincare routine to match your skin type, concerns and preferences perfectly.
- Our mission is to empower you to take control of your skincare regimen by offering customizable solutions that address your specific concerns, preferences and goals.

1.2 Project Purpose

- Introduce **Herbal Beauty Products.**
- Aim is to Create a User-friendly and Informative digital space where users can Discover, Learn about, and purchase a curated selection of Herbal Skincare, Haircare, and Wellness products.
- Customers can order a demo product to know if it suits them or not.
- Online payment methods are available such as UPI, Net Banking, Credit/Debit Cards .etc.

2. SYSTEM ANALYSIS

2.1 The Existing System

This website is a purely web-based application and it is compatible in mobile and desktop also. Website is about customizable beauty products where it takes input from the customer about their skin type allergies ingredients hated etc. With the help of short questions customers have to answer that questions and it will find suitable skin products for them the aim is to create a transformative experience that combines the timeless wisdom of **Herbal Beauty** with the convenience of modern technology.

2.2 Requirement of the New System

It is computerised software system the system stored the data with the help of the software and is filled with easy in the computer database. The system makes process of order of the product faster and it reduces the time and manpower too. The retrieval of information of any product is with just a click. It is easy to operate and there is attractive user interface. Management for ordering of beauty products billing process and updating of the product details is done with the help of single data entry in the centralised database and delivery of the product from customer requirement shop and products.

3. SYSTEM CONFIGURATION

3.1 Software Configuration

1. Operating Environment

- ❖ Sublime text
- ❖ XAMPP Control Panel
- ❖ Operating System : Windows 10/11
- ❖ Browser : Microsoft Edge / Chrome

2. Development Environment

- ❖ Frontend : HTML, CSS, JS, BootStrap
- ❖ Backend : PHP, MySQL

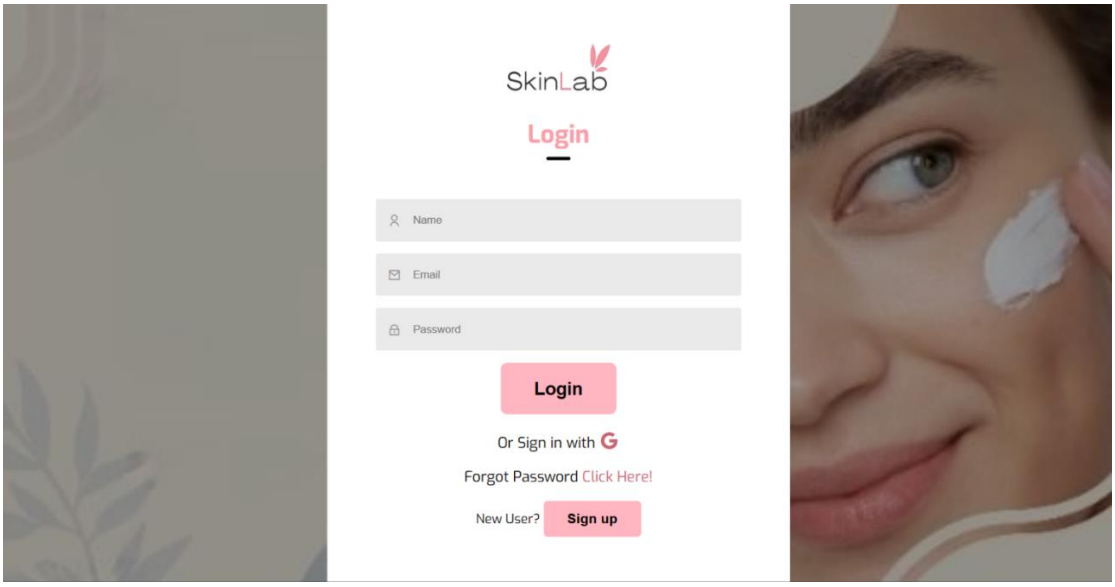
3.2 Hardware Configuration

- ❖ RAM : 256MB
- ❖ Processor : Any device with internet Connection

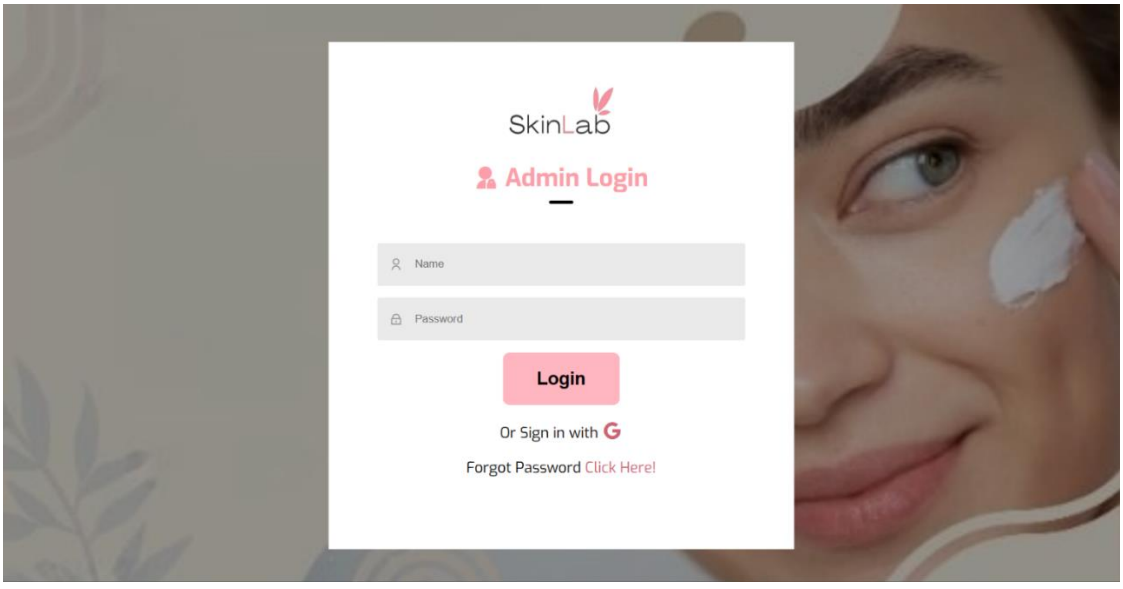
4. SYSTEM DESIGN

4.1 User and Admin Login

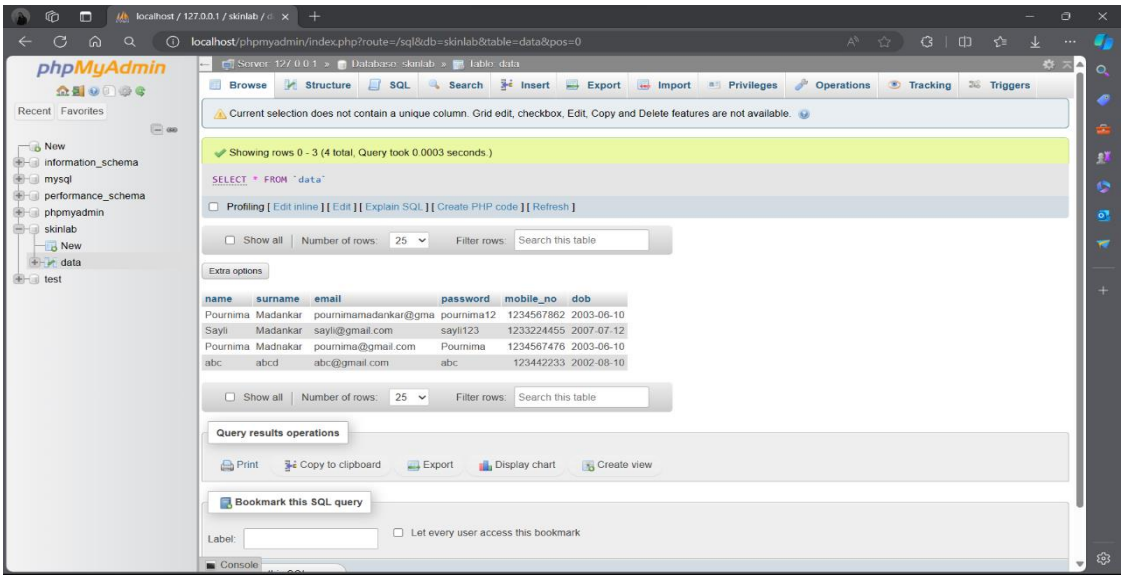
User Login:



Admin Login:

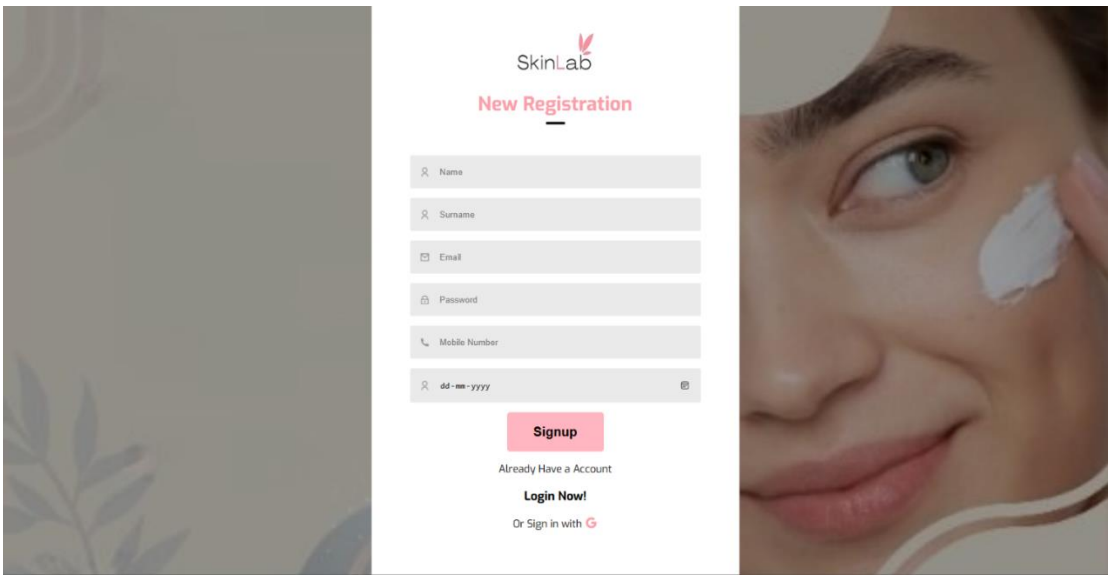


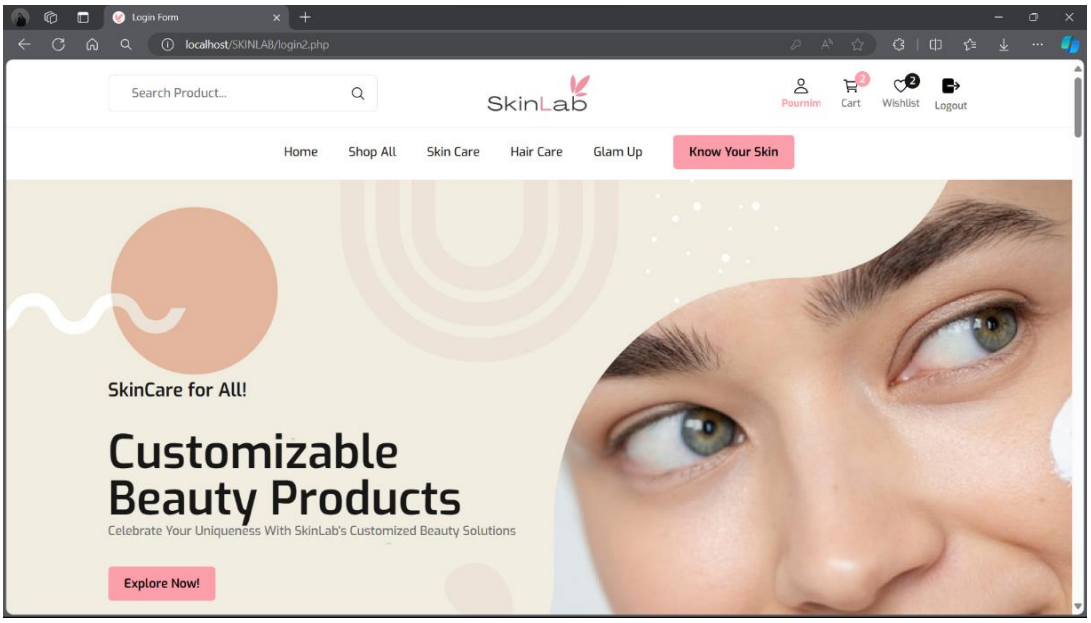
Data Design :

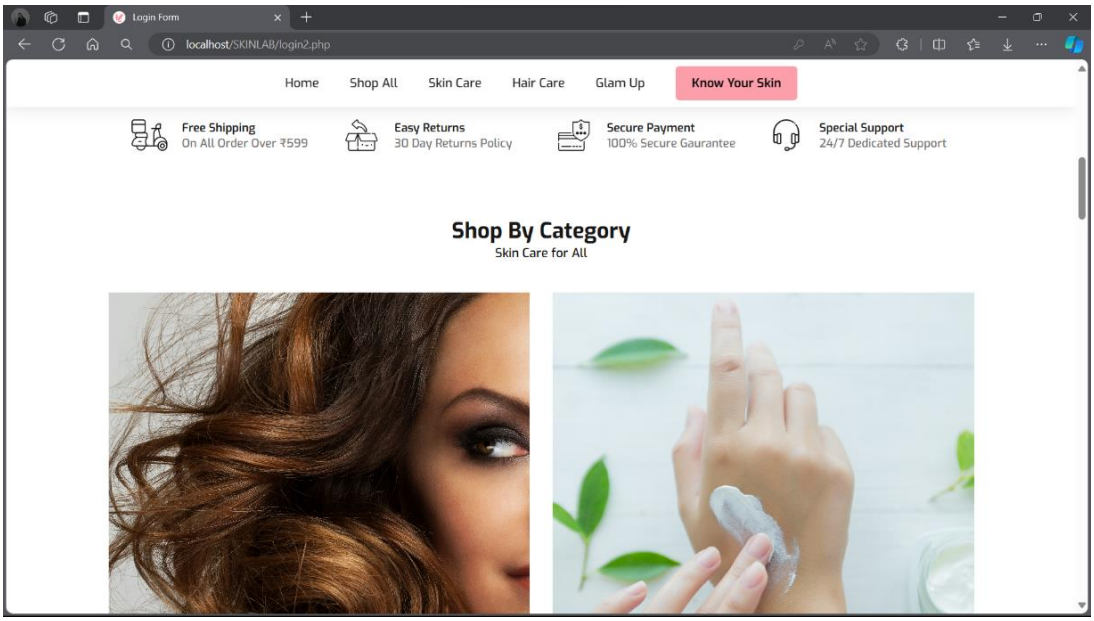


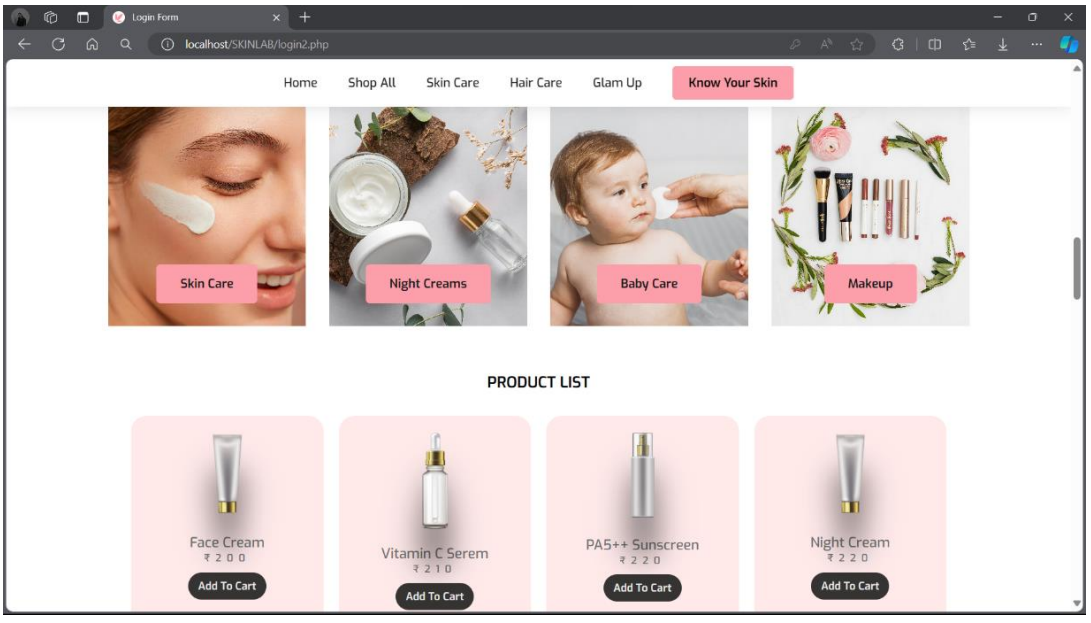
User Interface Design :

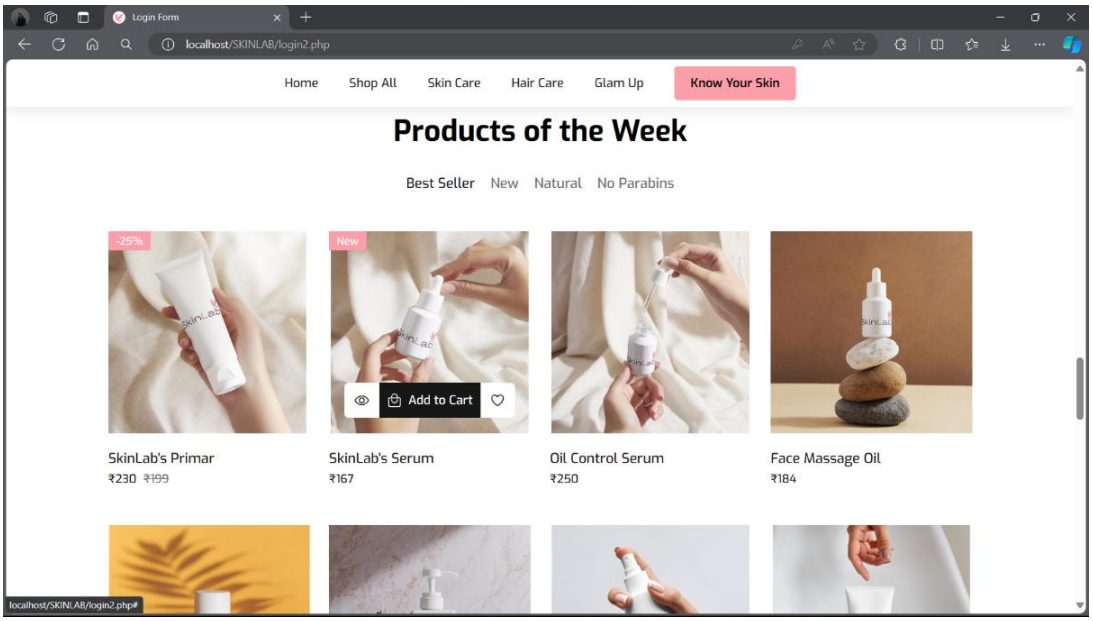
Registration Form :

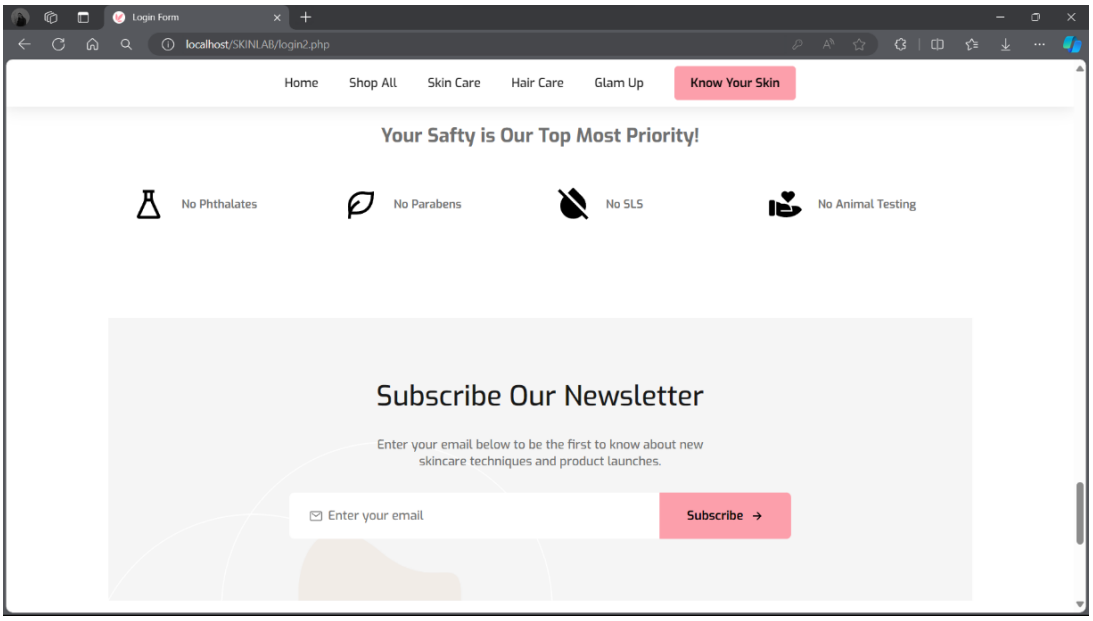


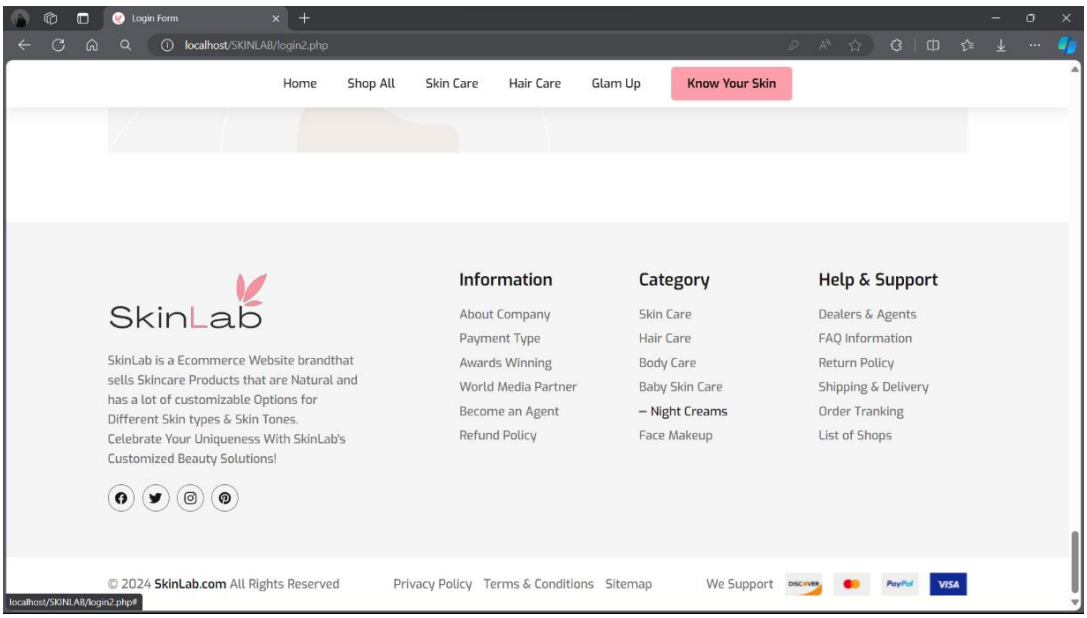

Login Form
localhost/SKINLAB/login2.php
Search Product...
SkinLab
Pournim
Cart
Wishlist
Logout
Home
Shop All
Skin Care
Hair Care
Glam Up
Know Your Skin
SkinCare for All!
Customizable Beauty Products
Celebrate Your Uniqueness With SkinLab's Customized Beauty Solutions
Explore Now!


Login Form
localhost/SKINLAB/login2.php
Home
Shop All
Skin Care
Hair Care
Glam Up
Know Your Skin
Free Shipping
On All Order Over ₹599
Easy Returns
30 Day Returns Policy
Secure Payment
100% Secure Gaurantee
Special Support
24/7 Dedicated Support
Shop By Category
Skin Care for All

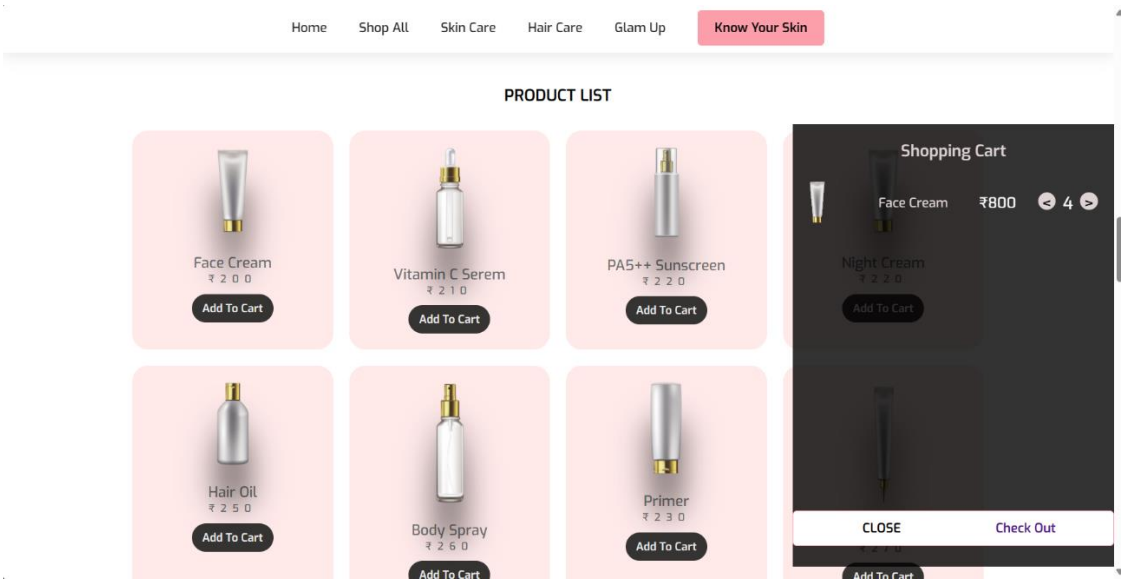

Login Form
localhost/SKINLAB/login2.php
Home
Shop All
Skin Care
Hair Care
Glam Up
Know Your Skin
Skin Care
Night Creams
Baby Care
Makeup
PRODUCT LIST
Face Cream
₹200
Add To Cart
Vitamin C Serem
₹210
Add To Cart
PA5++ Sunscreen
₹220
Add To Cart
Night Cream
₹220
Add To Cart


Login Form
localhost/SKINLAB/login2.php
Home
Shop All
Skin Care
Hair Care
Glam Up
Know Your Skin
Products of the Week
Best Seller
New
Natural
No Parabins
-25%
New
Add to Cart
SkinLab's Primar
₹230 ₹199
SkinLab's Serum
₹167
Oil Control Serum
₹250
Face Massage Oil
₹184
localhost/SKINLAB/login2.php#

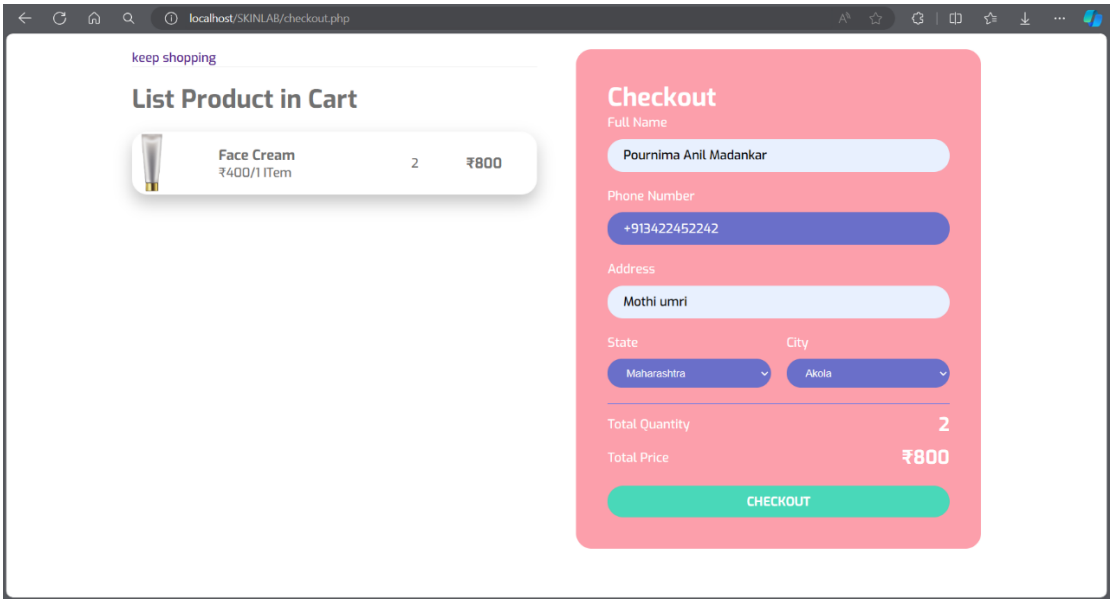

Login Form
localhost/SKINLAB/login2.php
Home
Shop All
Skin Care
Hair Care
Glam Up
Know Your Skin
Your Safty is Our Top Most Priority!
No Phthalates
No Parabens
No SLS
No Animal Testing
Subscribe Our Newsletter
Enter your email below to be the first to know about new skincare techniques and product launches.
Enter your email
Subscribe →


Login Form
localhost/SKINLAB/login2.php
Home
Shop All
Skin Care
Hair Care
Glam Up
Know Your Skin
SkinLab
SkinLab is a Ecommerce Website brandthat sells Skincare Products that are Natural and has a lot of customizable Options for Different Skin types & Skin Tones. Celebrate Your Uniqueness With SkinLab's Customized Beauty Solutions!
Information
About Company
Payment Type
Awards Winning
World Media Partner
Become an Agent
Refund Policy
Category
Skin Care
Hair Care
Body Care
Baby Skin Care
– Night Creams
Face Makeup
Help & Support
Dealers & Agents
FAQ Information
Return Policy
Shipping & Delivery
Order Tranking
List of Shops
© 2024 SkinLab.com All Rights Reserved
Privacy Policy
Terms & Conditions
Sitemap
We Support
localhost/SKINLAB/login2.php#

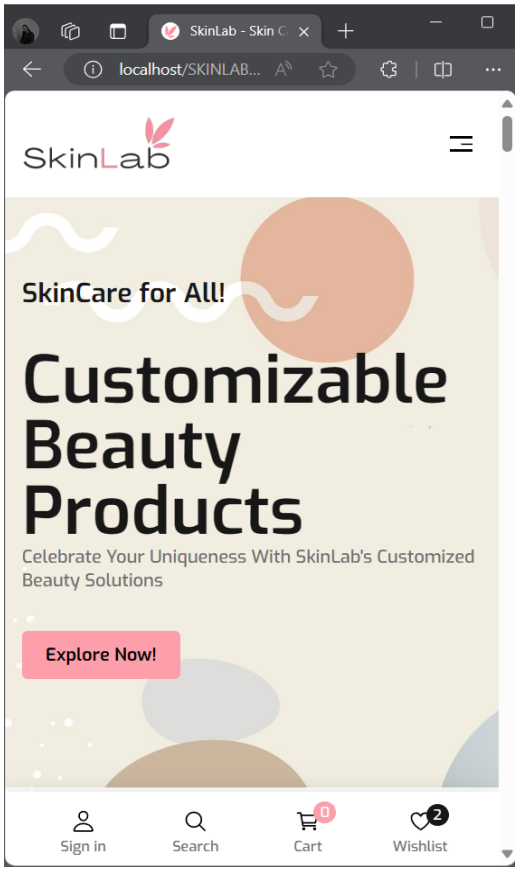
Add To Cart Design :

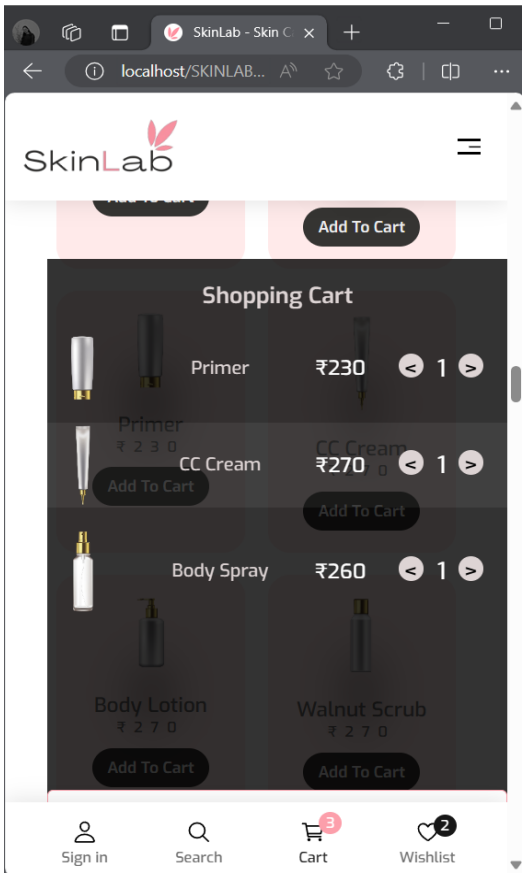


Checkout :

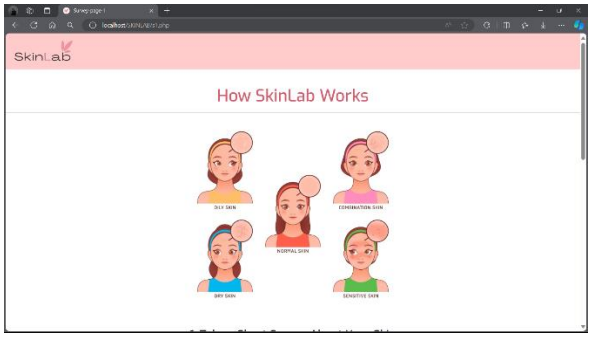


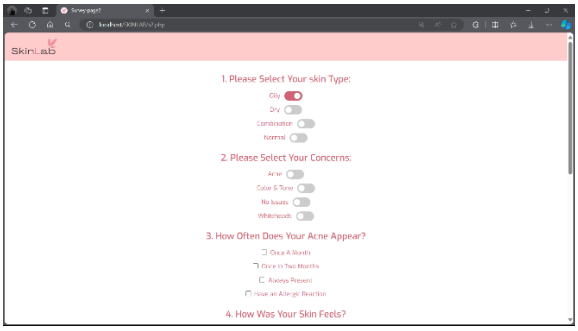
Mobile View :

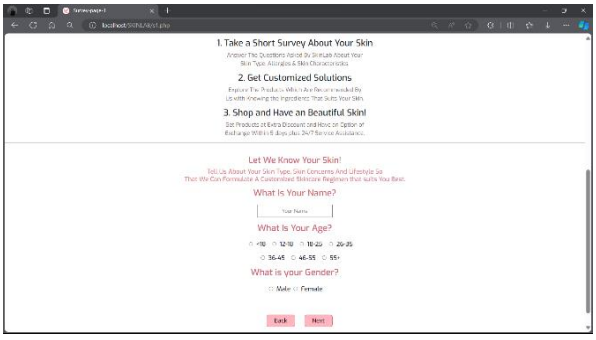


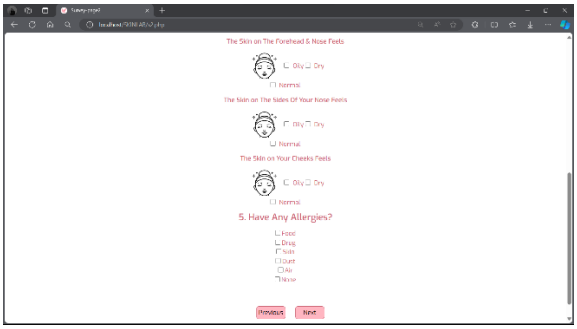


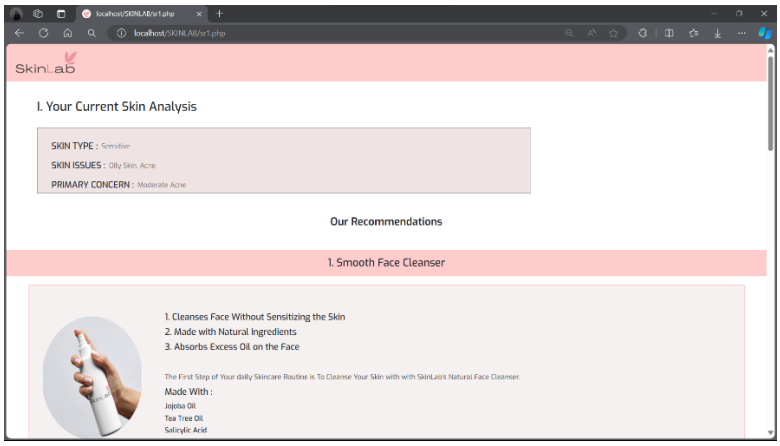
SkinLab's Skin Concerns:

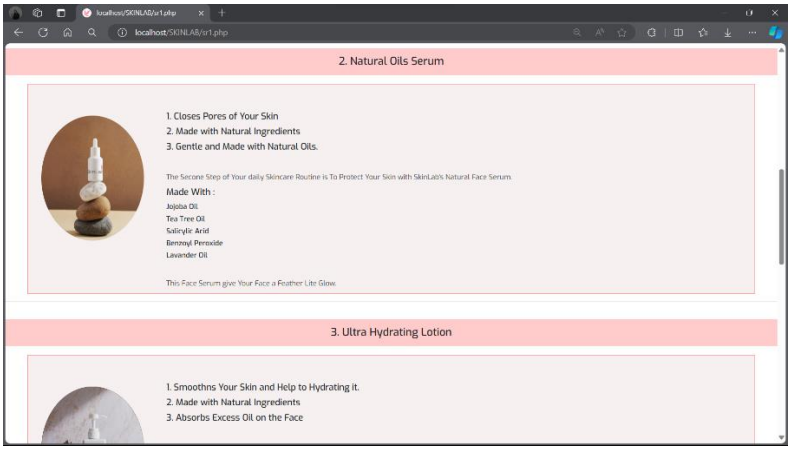


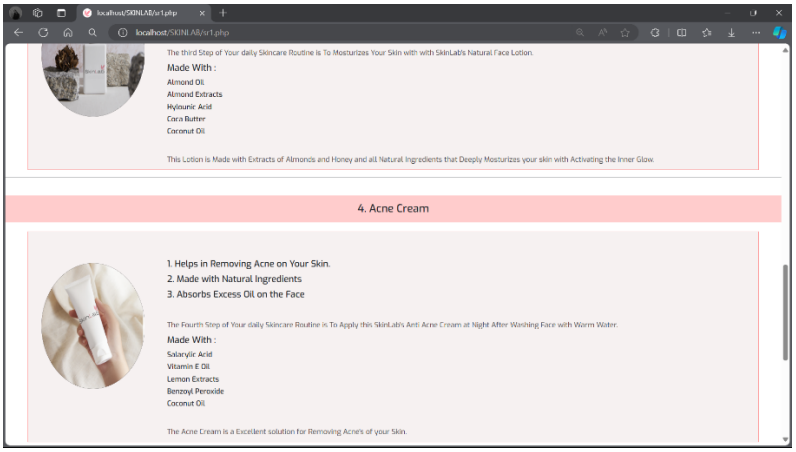


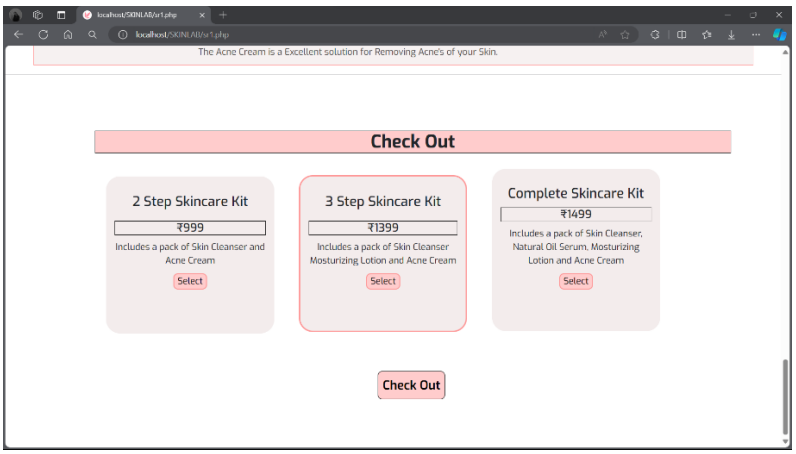





SkinLab
I. Your Current Skin Analysis
SKIN TYPE : Sensitive
SKIN ISSUES : Oily Skin, Acne
PRIMARY CONCERN : Moderate Acne
Our Recommendations
1. Smooth Face Cleanser
1. Cleanses Face Without Sensitizing the Skin
2. Made with Natural Ingredients
3. Absorbs Excess Oil on the Face
The First Step of Your daily Skincare Routine is To Cleanse Your Skin with with SkinLab's Natural Face Cleanser.
Made With :
Jojoba Oil
Tea Tree Oil
Salicylic Acid


2. Natural Oils Serum
1. Closes Pores of Your Skin
2. Made with Natural Ingredients
3. Gentle and Made with Natural Oils.
The Secone Step of Your daily Skincare Routine is To Protect Your Skin with SkinLab's Natural Face Serum.
Made With :
Jojoba Oil
Tea Tree Oil
Salicylic Arid
Benzoyl Peroxide
Lavander Oil
This Face Serum give Your Face a Feather Lite Glow.
3. Ultra Hydrating Lotion
1. Smoothns Your Skin and Help to Hydrating it.
2. Made with Natural Ingredients
3. Absorbs Excess Oil on the Face


The third Step of Your daily Skincare Routine is To Mosturizes Your Skin with with SkinLab's Natural Face Lotion.
Made With :
Almond Oil
Almond Extracts
Hylounic Acid
Cora Butter
Coconut Oil
This Lotion is Made with Extracts of Almonds and Honey and all Natural Ingredients that Deeply Mosturizes your skin with Activating the Inner Glow.
4. Acne Cream
1. Helps in Removing Acne on Your Skin.
2. Made with Natural Ingredients
3. Absorbs Excess Oil on the Face
The Fourth Step of Your daily Skincare Routine is To Apply this SkinLab's Anti Acne Cream at Night After Washing Face with Worm Water.
Made With :
Salacylic Acid
Vitamin E Oil
Lemon Extracts
Benzoyl Peroxide
Coconut Oil
The Acne Cream is a Excellent solution for Removing Acne's of your Skin.


The Acne Cream is a Excellent solution for Removing Acne's of your Skin.
Check Out
2 Step Skincare Kit
₹999
Includes a pack of Skin Cleanser and Acne Cream
Select
3 Step Skincare Kit
₹1399
Includes a pack of Skin Cleanser Mosturizing Lotion and Acne Cream
Select
Complete Skincare Kit
₹1499
Includes a pack of Skin Cleanser, Natural Oil Serum, Mosturizing Lotion and Acne Cream
Select
Check Out

5. SYSTEM IMPLEMENTATION AND TESTING

5.1 System implementation

System implementation is a practise of creating or modifying a system to create a new process or replacing an exiting process technology integration is the practise of integrating this is multiple system activities to interact and generate information efficiently in both cases the system development lifetime for Held is heavily interred in these practises.

5.2 System Testing :

System Testing of software and hardware is a testing conducted on a complete, integrated system to evaluate the systems compliances will it specified requirement. System testing falls within the scope of **Black box** testing and as such should require no knowledge of the inner design of the code or logic.

As a rule, system testing takes, as its input, all of the "integrated" software components that have successfully passed integration testing and also the software system itself indicated with any applicable hardware system. The purpose of integrated testing is to detect any inconsistencies between the software units that are integrated together (called assemblages) or between any of the assemblages and the hardware. System testing is more limited type of testing it seeks to detect both within the "inter-assemblages" and also within the system as a whole.

There are two major types of testing they are :

1. **Black box testing**
2. **White box testing**

Black Box Testing

- Black Box testing is a testing technique that ignores the internal mechanism of the system and focuses on the output generated against any input and execution of the system.
- It is also called functional Testing.
- In Black box testing there is only concentrate on input and output.
- Black box test design is usually described as focussing on testing functional requirements.
- Technical background is not the necessity of black box test. Black box testing is often used for validation

White Box Testing

- White box testing is a testing technique that takes into account the internal mechanism of our system.
- It is also called structural testing and glass box testing.
- White box testing deals with the internal structure and the internal working rather than only functionality.
- White box testing, programming background is merged because this helps in creating test cases for white box testing.
  White box testing is applied for unit testing and sometimes in it is also useful assistant testing. White box test is often used for validation.

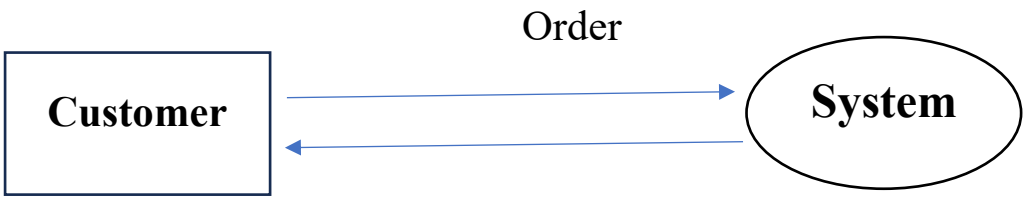
6. APPENDIX

The data flow diagram is a graphical tool used to describe and analyse moment of data through a system. These are the central tool and the basic form which the other components are developed. The transformation of the data from input to output, through processed, may be described logically and independently of physical components associated with the system. These are known as the logical data flow diagram.

A DFD is also known as “Bubble chart” as the purpose of clarify system requirements and identifying the major transformation that will become programmes on system design so, it is the starting point of the date design to the lowest level of details. A DFD consists of series of bubbles joined by data flows in the system.

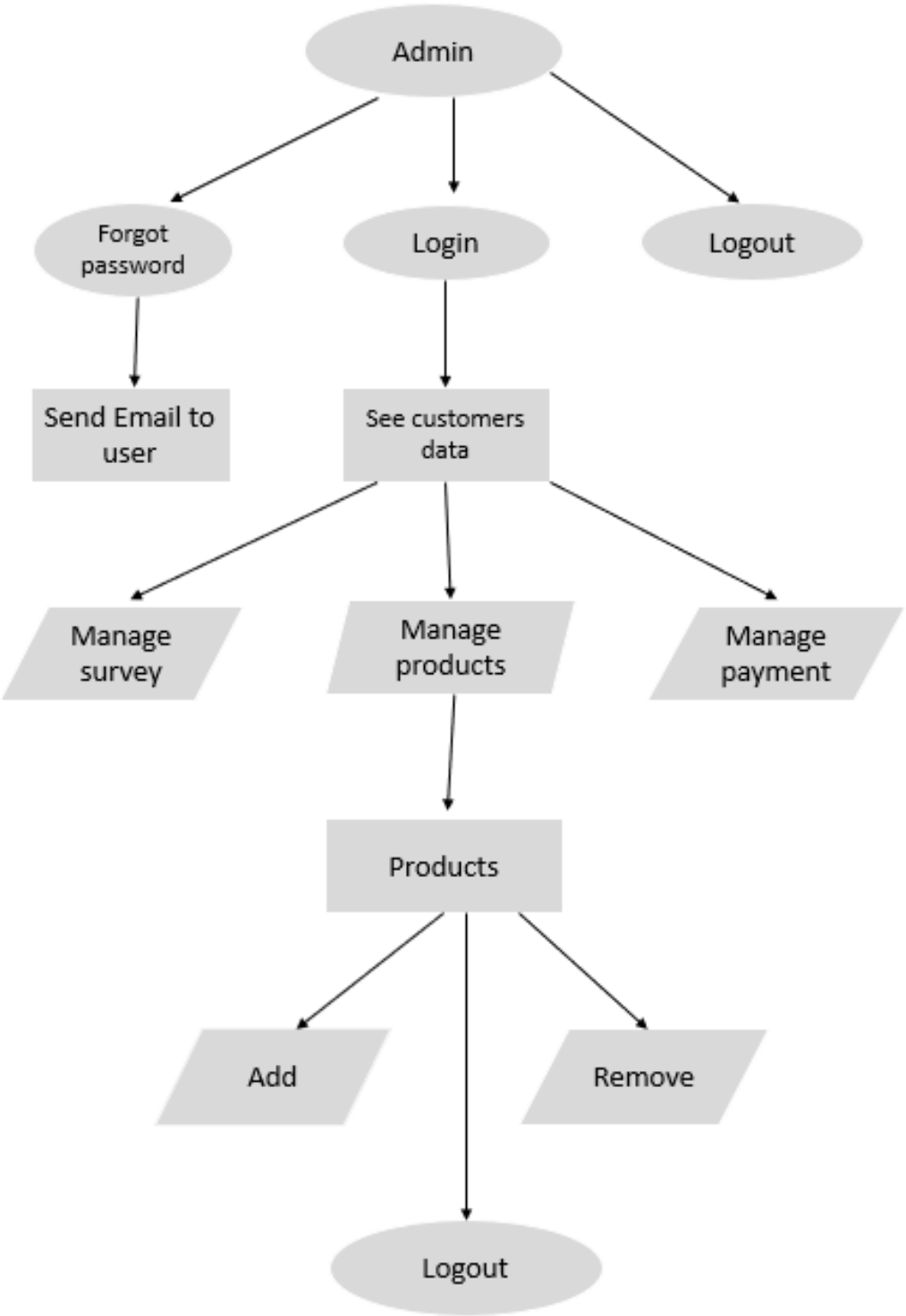
6.1 DFD for the customer :

1.1 Context Level DFD



1.2 First level DFD

1.3 Second Level DFD



7. FUTURE SCOPE AND FURTHER ENHANCEMENTS

The future scope and potential enhancements of this Customizable Beauty Product Website Project are exciting and expansive, offering opportunities to further engage users and expand the offerings.

Personalized beauty solutions

Here are some potential directions for future development :

- **Personalized Recommendations :** Implementation of AI driven recommendation system for quick response.
- **Interactive Beauty Tools :** Introduction of virtual try on for makeup products.
- **Community Platform :** Creation of dedicated community section where users can share their experiences, beauty journey and tips.
- **Subscription Services :** Extra discount for regular customers and referrals.
- **Educational Workshops :** Workshops or webinars conducted by herbalists, skincare experts for depth knowledge of skin care.
- **Global Partnerships :** Collaboration with more beauty products organizations.
- **Green Initiatives :** Recycling Programs and partnering with eco-conscious organizations.
- **Collaborative Content :** Partnership with beauty influencers, experts and wellness enthusiasts.
- **Advanced Skincare Analysis :** Integration of Advanced skin care tools.

8. CONCLUSION

In the end, the project to create a website for customizable beauty products is all about making customers feel amazing. With the ability to choose and create individuals own beauty items, by putting the control in their hands.

It's like having their own beauty lab where they are the scientist and the artist.

By the use of all organic and herbal beauty products that has almost no side effects on skin will definitely create a beautiful and natural beauty.

9. SOFTWARE'S CODE

HomePage:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>SkinLab - Skin Care For All</title>
    <!------------Favicon--------- -->
    <link rel="shortcut icon" href="./Favicon.png" type="image/png+xml">
    <!------------Custom CSS Links--------->
    <link rel="stylesheet" href="./assets/css/style.css">
    <link rel="preconnect"
href="https://cdn.jsdelivr.net/npm/remixicon@3.2.0/fonts/remixicon.css">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

</head>
<body class="showCart">

    <!-- ---------------HEADER--------------- -->
    <header class="header" data-header>
        <div class="container">

            <div class="overlay" data-overlay></div>
            <div class="header-search">
                <input type="search" name="search" placeholder="Search Product..."
        class="input-field">

                <button class="search-btn" aria-label="Search">
                    <ion-icon name="search-outline"></ion-icon>
                </button>
            </div>

            <a href="#" class="logo">
               <img src="./assets/images/Logo.png" alt="SkinLab logo" width="136"
height="33">
            </a>

            <div class="header-actions">
                <button class="header-action-btn">
                    <ion-icon name="person-outline" aria-hidden="true"></ion-icon>

                    <a href="login1.php"><p class="header-action-label">Sign in</p></a>
                </button>
```

```
                <button class="header-action-btn">
                    <ion-icon name="search-outline" aria-hidden="true"></ion-icon>


                    <p class="header-action-label">Search</p>
                </button>

                <button class="header-action-btn">
                 <div class="icon-cart">
                    <ion-icon name="cart-outline" aria-hidden="true"></ion-icon>
                    <p class="header-action-label">Cart</p>
                    <span>0</span>
                 </div>
                </button>

                <button class="header-action-btn">
                    <ion-icon name="heart-outline" aria-hidden="true"></ion-icon>
                    <p class="header-action-label">Wishlist</p>
                    <div class="btn-badge" aria-hidden="true">2</div>
                </button>
            </div>

            <button class="nav-open-btn" data-nav-open-btn aria-label="Open Menu">
                <span></span>
                <span></span>
                <span></span>
            </button>

            <nav class="navbar" data-navbar>
                     <div class="navbar-top">
                    <a href="#" class="logo">
                        <img src="./assets/images/Logo.png" alt="SkinLab logo" width="132" height="34">
                    </a>
                    <button class="nav-close-btn" data-nav-close-btn aria-label="Close Menu">
                        <ion-icon name="close-outline"></ion-icon>
                    </button>

                </div>

                <ul class="navbar-list">
                    <li><a href="#home" class="navbar-link">Home</a></li>
                    <li><a href="#Products" class="navbar-link">Shop All</a></li>
                    <li><a href="#Category" class="navbar-link">Skin Care</a></li>
                    <li><a href="#Category" class="navbar-link">Hair Care</a></li>
                    <li><a href="#Category" class="navbar-link">Glam Up</a></li>
                   <a href="s1.php"><button class="btn btn-primary">Know Your Skin</button></a>

                </ul>
            </nav>
        </div>
    </header>
```

Login Page :

```
<!DOCTYPE html>
```

```
<html>
<head>
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <title>Login Form</title>
    <link rel="shortcut icon" href="./Favicon.png" type="image/png+xml">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/remixicon@3.2.0/fonts/remixicon.css">
    <link rel="stylesheet" type="text/css"
href="https://fonts.googleapis.com/css2?family=Exo:ital,wght@0,100..900;1,100..900&family=Gruppo&dis
play=swap">
        <style type="text/css">
        </style>
</head>
<body>
        <div class="container">
       <div class="form-box">
           <img src="./assets/images/Logo.png" height="70px" width="130px">
           <h1>Login</h1>
           <form  name="frm" action="login2.php" method="post">
               <div class="input-group">
                   <div class="input-field">
                       <i class="ri-user-line"></i>
                       <input type="text" placeholder="Name" name="nm" required autofocus>
                   </div>

                   <div class="input-field">
                       <i class="ri-mail-line"></i>
                       <input type="text" placeholder="Email" name="em" required>
                   </div>

                   <div class="input-field">
                       <i class="ri-lock-line"></i>
                       <input type="password" placeholder="Password" name="ps" required>
                   </div>
                   <div class="btn">
                       <button type="button"><input type="submit" name="Lg" value="Login"></button>
                   </div>
                   <div class="content">
                   <p>Or Sign in with <i class="ri-google-fill"></i></p>

                   <p>Forgot Password <a href="#">Click Here!</a></p>
                   </div>
               </div>
               <div class="btn-field">
                   New User? <button type="button"> <a href="reg1.php">Sign up</a></button>
               </div>
           </form>
       </div>

        </div>

        </body>
</html>
```

9. BIBLIOGRAPHY

Here are some of the references that helped in developing and designing the website :

- https://mdbootstrap.com/

(Used for Frontend Design)

- https://www.codehim.com/

(For login form and animations)

- https://in.pinterest.com/

(For Colour and Design)

- https://linktr.ee/indianhtmlweb

(For Frontend Design)

- **Book** : Responsive Web Design with HTML5 and CSS (4^{th} edition)

Author : Ben Frain