PANIMALAR ENGINEERING COLLEGE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COSMETIC WEB DEVELOPMENT USING PHP AND BOOTSTRAP

BATCH NO:10

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GUIDE
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1.What do people think about makeup and skin care?
Is it important?

Where do people buy makeup & skin care products generally?

ABSTRACT

The prime mission was to develop easy-to- use web application platform for enhancing women's experience in shopping for cosmetic products.

(i) To ease users in finding out the cosmetic products which suit them best;

(ii) To locate retail stores selling concerned cosmetic products;

(iii) To help users understand the effects of the makeup products;

(iv) To provide a platform for users to share their views on different cosmetic products;

(v) To allow users' contribution by letting them add new cosmetic products to the database;

(vi) To minimize user's actions for performing tasks.

INTRODUCTION

- This project is entitled Cosmetics and Beauty Product Online Website.
- This project was written in PHP/OOP and data are stored in a MySQL Database.
- It is a web-based application that serves as an Online Platform for the Cosmetics and Beauty Products Business.
- This application provides the customers of the said business industry to explore, browser, and buy their products.
- This has a pleasant user interface using the Bootstrap Framework and the AdminLTE Template.
- It has user-friendly features and functionalities.

PROBLEM STATEMENT

- Every girl wants to try makeup but the problem is they don't have proper guidance on what to use, how to use, and where to buy the products.

- Almost 3 in 5 young girls surveyed admitted to wearing makeup in that two-thirds started between the age of 8 and 13. 29% between ages of 14 and 16, 50% between 11 and 13.

Literature Survey

1.A study on Skin care product detection using Image Processing

Publisher:IEEE

Author:R. Kanagaraj,R. Abishek,E. Elakiya,P. Ajay,S. Babu

Image processing-based skin care product detection technique has proposed an idea to provide recommendation based on the chemical composition of cosmetics. It is always difficult to select a better cosmetic item when you are a consumer. It might be frightening at times since new products may end up causing skin problems. Always the required information will be provided on the back of each product, but unless the user is a chemist, it's difficult to read the component lists. Instead of just being worried about your new choice, this research work has decided to build a simple cosmetic recommendation application to provide information on the suitability of the product.

https://ieeexplore.ieee.org/document/9489001

2. Based on machine learning for personalized skin care products recommendation engine

Author: Hsiao-Hui LiYen-Nun Huang,Po-Jen Cheng

With the economic development and the aging trend, the use of cosmetic products has expanded rapidly. And, the global cosmetic products market has gradually become larger. It is very difficult to choose the one that suits you among many cosmetics. Because everyone's skin condition is the same, using unsuitable skin ca products can damage the skin. Because everyone's skin condition is different, the use of unsuitable skin care products can damage the skin . And, some people will be allergic to certain cosmetic ingredients to cause redness, itching and other reactions. Frequent problems with face skin are wrinkles, spots, acne vulgaris, pores, etc.,. The causes of facial lines, such as dryness, facial expressions, aging, etc., are cause different shades and different types of wrinkles . The appearance of wrinkles is a natural phenomenon on the skin. On the other hand, people's health, living habits, and sanitary conditions.

https://ieeexplore.ieee.org/document/9394031

HARDWARE COMPONENTS

- Intel Core processor

- RAM 4GB and Above

- HDD 100 GB Hard Disk Space and Above

- 64 or 32 bit OS Windows 8 and above

SOFTWARE COMPONENTS

- PHP Language
- MySQL Database
- HTML
- CSS
- JavaScript
- jQuery
- Ajax
- Bootstrap
- AdminLTE

PHP

An extremely popular scripting language that is used to create dynamic Web pages. Combining syntax from the C, Java and Perl languages, PHP code is embedded within HTML pages for server side execution.

HTML

It defines the meaning and structure of web content. Other technologies besides HTML are generally used to describe a web page's appearance/presentation (CSS) or functionality/behavior (JavaScript).

Cascading Style Sheets

It stylesheet language used to describe the presentation of a document written in HTML or XML CSS describes how elements should be rendered on screen, on paper, in speech, or on other media.
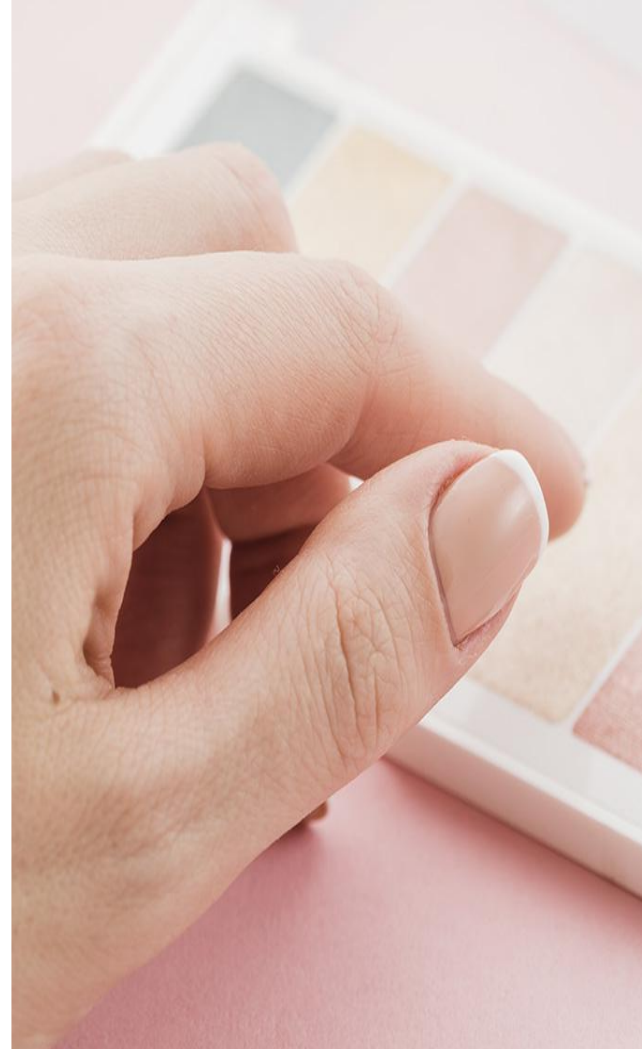
BOOTSTRAP

- Bootstrap is a free and open source front end development framework for the creation of websites and web apps.

- The Bootstrap framework is built on HTML, CSS, and JavaScript (JS) to facilitate the development of responsive, mobile-first sites and apps.
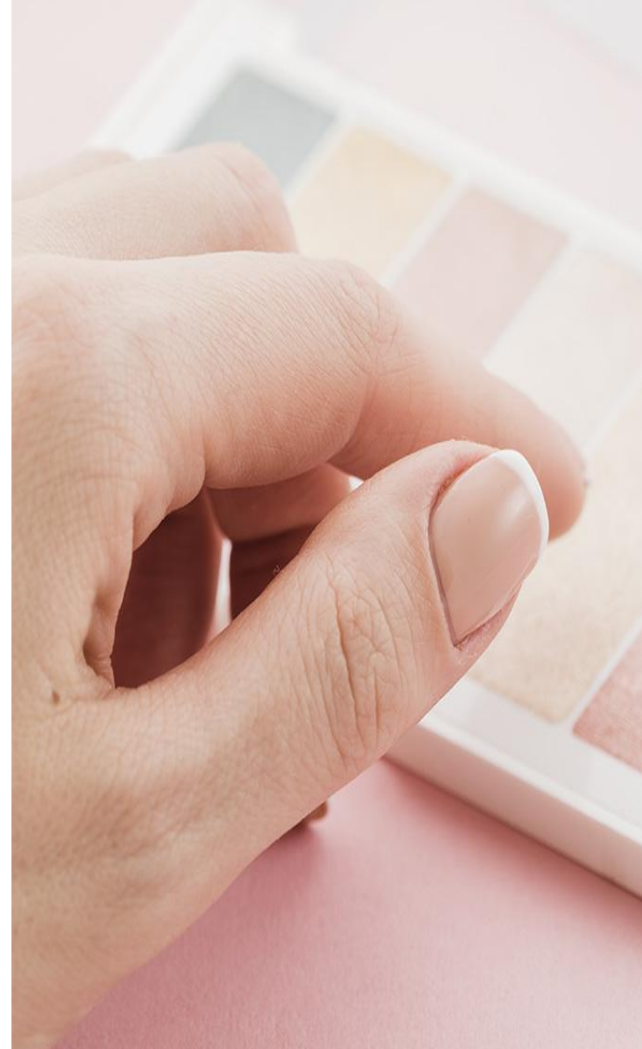
EXISTING SYSTEM

- Testing makeup products based on suggestions.
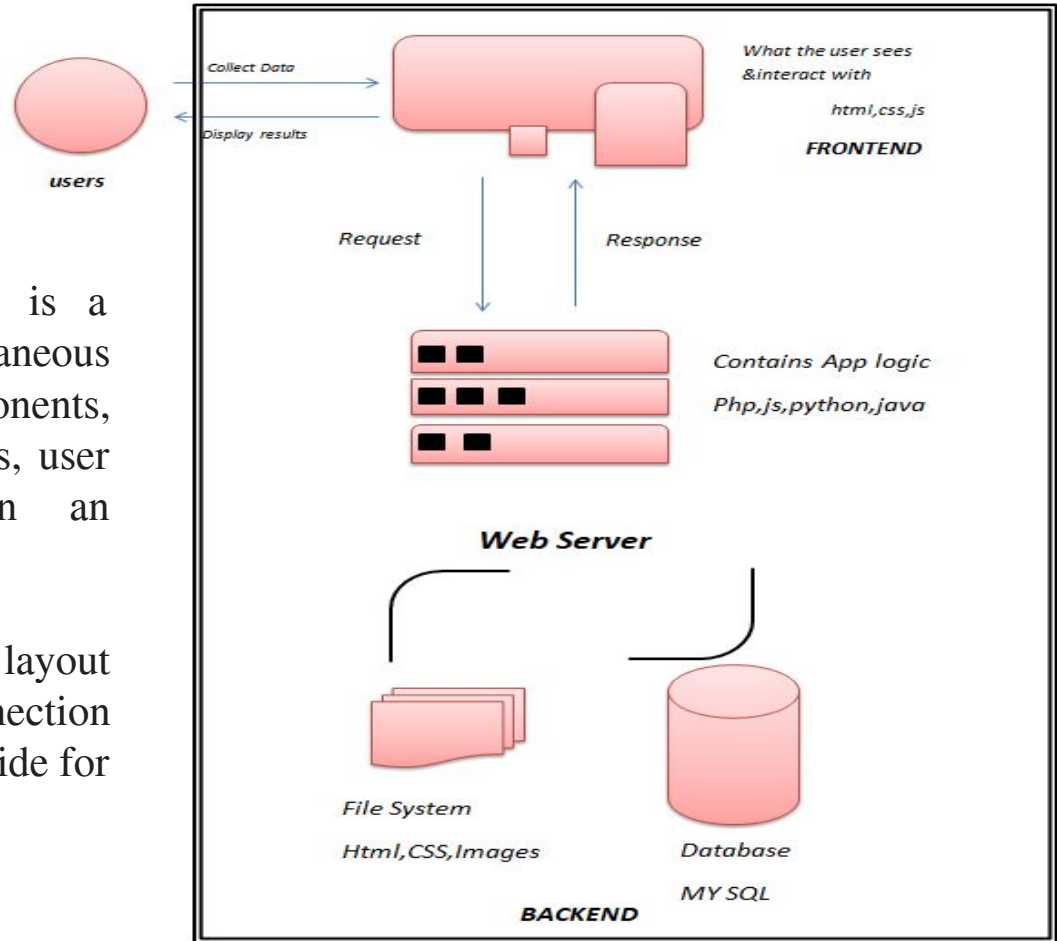
- Different makeup looks.

PROPOSED SYSTEM

- Recommendation of beauty products based on skin types.

- Suggest skin care products.

- Payment method

- Sales Report

SYSTEM ARCHITECTURE

- Web application architecture is a blueprint of simultaneous interactions between components, databases, middleware systems, user interfaces, and servers in an application.

- It can also be described as the layout that logically defines the connection between the server and client-side for a better web experience.

users

Collect Data

Display results

What the user sees &interact with

html,css,js

FRONTEND

Request

Response

Contains App logic

Php,js,python,java

Web Server

File System

Html,CSS,Images

Database

MY SQL

BACKEND

Features

Admin-Side

- Secure Login and Logout
- Dashboard
- Brand Management
- Category Management
- Product Management
- Inventory Management
- Order Management
- Sales Report
- Manage User List (CRUD)
- Manage Account
  Details/Credentials
- Manage System Information

CLIENT SIDE

- Secure Login and Registration
- Read 'About Us' Content
- Home Page
- Product List
- Product List per Categories
- Filter Product Per Brand
- Search Product
- View Product
- Shopping Cart
- Place Order
- List Orders
- View Order Details
- Cancel Pending Order
- Manage Account Details/Credentials
- Logout

SYSTEM TESTING

Test case no	Test case name	Expected output	Actual output	Result
TC0	Click on login button	Otp is generated and user is logged successfully	Otp is generated and user is logged successfully	Pass
TC1	Click on product list	Products should be listed	Products should be listed	Pass
TC2	Click on sales report	Dispaly users previous order details	Dispaly users previous order details	Pass
TC3	Click on Cancel order	Order should be canceled	Order should be canceled	Pass

HOW OUR APPLICATION WORKS?

Product view page

Sample 101

Brand: AVON

₱ 200

Available Stock: 5

Variant

Variant 1   Variant 2   Variant 3

| 1 | Add to cart |

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ADMIN DASHBOARD

ADMIN ORDER DETAILS

☰ Cosmetic and Beauty Products Online Shop - Admin

Administrator Admin ▾

Dashboard
Product List
Inventory List
Order List
Client List
Sales Report

Maintenance

Brand List
Category List
Settings

Client Name: Samantha Jane Miller

Delivery Address: Sample Address

QTY	Product	Price	Total
4	Sample 101 - Variant 3 Brand: AVON	300	1,200
3	Sample 101 - Variant 1 Brand: AVON	200	600
		Total	1,800

Payment Method: ONLINE PAYMENT

Payment Status: Paid

Order Status: Delivered

Update Status

SALES REPORT PAGE

Beauty

Cosmetic and Beauty Products Online Shop - Admin

Administrator Admin ▾

Dashboard
Product List
Inventory List
Order List
Client List
Sales Report

Maintenance

Brand List
Category List
Settings

Sales Report

Date Start	Date End		
02/10/2022	02/17/2022	▼ Filter	🖶 Print

#	Date Time	Product	Client	Payment Method	Price	QTY	Total
1	2022-02-17 15:32:52	Samantha Jane Miller - Variant 3 Brand: AVON Category: Lipsticks	Samantha Jane Miller Email: sam23@sample.com	COD	250	2	500
2	2022-02-17 15:26:17	Samantha Jane Miller - Variant 3 Brand: AVON Category: Lipsticks	Samantha Jane Miller Email: sam23@sample.com	ONLINE PAYMENT	300	4	1,200
3	2022-02-17 15:26:17	Samantha Jane Miller - Variant 1 Brand: AVON Category: Lipsticks	Samantha Jane Miller Email: sam23@sample.com	ONLINE PAYMENT	200	3	600
4	2022-02-17 14:51:58	Samantha Jane Miller - Variant 3 Brand: AVON Category: Lipsticks	Samantha Jane Miller Email: sam23@sample.com	COD	300	3	900
			TOTAL SALES				3,200

Beauty (by: oretnom23) v1.0

CONCLUSION

- So,in this project we have discussed about cosmetic shopping related web application where the importance of cosmetics and demand for them increasing drastically so through this application customer can get all the details related to the products they want to buy it

- According to the surveys we decide the product needed for a customer consists of online payment,tracking the delivery through tracking id,customer search related product display,offers displayed based on the customer searches,points given after every purchase through which they can take a product of their wish.

THANK YOU!