A

Synopsis

On

Aditi's Collection

Mini Project Synopsis submitted to

Masters of Computer Application (SEM-I)

Of

University of Mumbai

Submitted by

Akanksha Anil Jagtap

Under the guidance of

Nidhi Pooniya

Bharati Vidyapeeth's

Institute of Management and Information Technology

Navi Mumbai.

BATCH: 2023- 2025

Content of the Synopsis

Title: Aditi's Collection(Website)

Introduction:

-The client runs a home-based business selling various handmade home decor items such as door hangings, handicraft wall hanging macramé mirror, etc.
-She takes the order and then starts working on that particular order.

Problem Statement:

Speaking of the current system, currently client provides business information over the phone. She share photos of the product and all details of products with their client and also take the client's orders over the phone. That's how she takes all the orders.

- ❖ The limitations of the current system are as follows:-
- ➢ Information about this business and products cannot be provided to everyone at any time over the phone.
- ➢ It is not that easy to share images and basic details of available products to every client who want to place an order.

Objectives:

The proposed system is basically a website. This website contains some modules, that modules are explained here. In this website there will be an 'Admin' module which will be used only by the business owner. In admin module admin have to do sign in first, after signing in the admin will be able to add the images of the products with their basic details.

 A business overview will be provided in the 'About Us' section. All contact details like phone number, Email address etc. Will be displayed in the 'Contact Us' section. The 'Our Products' section will contain a photograph, price, name and basic information of each product manufactured by business owner.

There will be another module which will be used by client to order the particular product, to do that client will have to do registration and if client is already registered then they will have to do sign in to place an order. The customer has to enter his / her mail address, contact number, company name, city name and detailed requirements while placing an order. On these requirements the business owner will proceed further.

Modules:

1. Admin Modules   :-
   (a) Sign In
   (b) Add Product
   (c) View the orders placed by users
2. About Us   :-
3. Our Products   :-
4. Contact Us   :-
5. Client Modules   :-
   (a) Registration
   (b) Sign In
   (c) Add to Cart
   (d) Place an order
   (e) View the placed orders

The proposed system should be user-friendly and users can easily interact with the system.

- Users can easily get all the information about a business at any time.
- Users can check availability of any product by using the 'Our Product' section.
- Users can easily get the photos and basic information of all the products manufactured by the business owner.
- Users can easily add any required product to their cart and can place the order for the same.

Software Requirements:

ReactJS:

✓ React is a library for building composable user interfaces.

✓ It encourages the creation of reusable UI components, which present data that changes over time.

✓ React can also render on the server using Node, and it can power native apps using React Native.

✓ It is maintained by Facebook and a community of individual developers and companies.

✓ React is all about components.

✓ React implements one-way data flow which makes it easy to reason about our app.

Firebase:

- ✔ **Firebase** is a Backend-as-a-Service (Baas). It provides developers with a variety of tools and services to help them develop quality apps, grow their user base, and earn profit.
- ✔ It is built on Google's infrastructure.
- ✔ Firebase is categorized as a <u>NoSQL</u> database program, which stores data in JSON-like documents.
- ✔ In Firebase, a document is a set of key-value pairs defined by a schema. A group of documents makes up a collection.

Web Browsers:

- ✔ **Chrome**, **Firefox**, **Opera**, and **Edge** (Windows) are the most popular browsers.

Editors:

- ✔ **Visual Studio Code** is a code editor redefined and optimized for building and debugging modern web and cloud applications.

Hardware Requirements:

-Since the application must run over the internet, all the hardware shall require to connect internet will be hardware interface for the system.

-As for e.g. Modem, WAN – LAN, Ethernet Cross-Cable.