



“The Nail Spark Studio & Academy”

Presented By

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Introduction

The Nail Spark Studio & Academy Website is a web-based application developed to provide an attractive and user-friendly platform for showcasing nail art designs and services. In today's digital era, having an online presence is essential for any business to reach a wider audience and improve customer interaction.

This project focuses on designing a responsive website using modern web technologies such as HTML, CSS, and JavaScript. The system allows users to explore services, view nail art designs in a gallery, and contact the studio easily. Additionally, it includes an admin panel that enables the administrator to manage gallery content efficiently.

The website is designed to work smoothly across different devices such as desktops, tablets, and smartphones, ensuring a seamless user experience.

Need of Computerization

Computerization plays a vital role in improving efficiency and reducing manual work. The need for computerization in this system arises due to the following reasons:

- ❑ Manual record-keeping is time-consuming and inefficient
- ❑ Difficult to maintain and update nail art designs regularly
- ❑ Lack of centralized data storage
- ❑ Limited customer reach without an online platform
- ❑ Inefficient communication with customers
- ❑ Increased chances of human error in manual processes
- ❑ By computerizing the system, all these problems can be minimized, leading to better performance and improved service quality.

Fact Finding Techniques

To develop this system, various fact-finding techniques were used to gather accurate requirements:

1. Observation

The working of local nail studios was observed to understand their workflow, customer interaction, and service presentation.

2. Interviews

Informal interviews were conducted with users and salon owners to identify their needs and expectations.

3. Internet Research

Different nail studio websites were analyzed to study design patterns, features, and user experience.

4. Document Analysis

Existing systems and processes were reviewed to understand limitations and required improvements.

These techniques helped in collecting reliable and relevant information for system development.

Study Of Existing System

4.1 Existing System

The existing system mainly relies on manual methods or social media platforms for promoting services and showcasing designs. There is no structured system for managing customer data or gallery content.

4.2 Drawbacks of Existing System

No proper system for storing nail art designs

Difficult to update content frequently

Lack of professional presentation

No admin control over content

Limited customer interaction

4.3 Features of Existing System

Basic display of services

Manual communication (phone/social media)

No automated gallery system

The system includes various diagrams:

ERD: Shows relationship between entities

DFD: Shows data flow

Use Case Diagram: Shows user interactions

Class Diagram: Shows system structure

Sequence Diagram: Shows process flow

Activity Diagram: Shows workflow

Database Design

❑ Components:

User

Admin

System (The Nail Spark Website)

❑ Flow:

User → Requests (view gallery, services)

System → Displays output

Admin → Uploads images, manages gallery

Customer: Customer_ID, Name, Contact, Email

Service: Service_ID, Service_Name, Price

Appointment: Appointment_ID, Date, Time, Customer_ID

Payment: Payment_ID, Amount, Status

Admin: Admin_ID, Username, Password

Certificate: Certificate_ID, Issue_Date

Input/Output Screens

User-friendly interface

Easy data entry forms

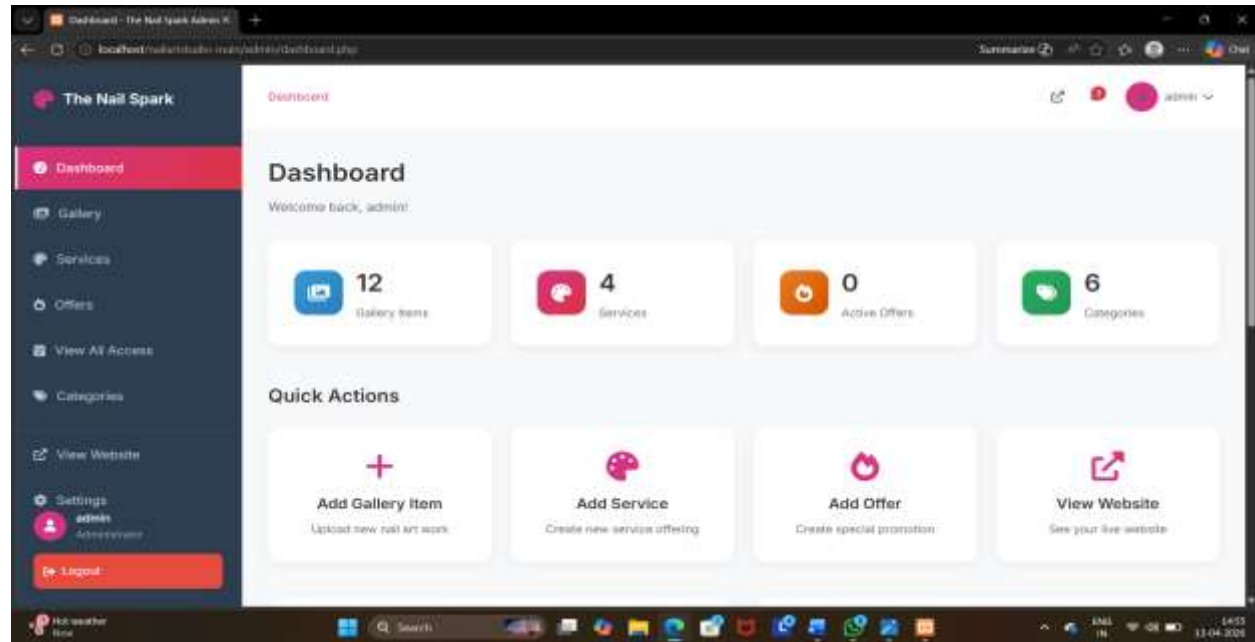
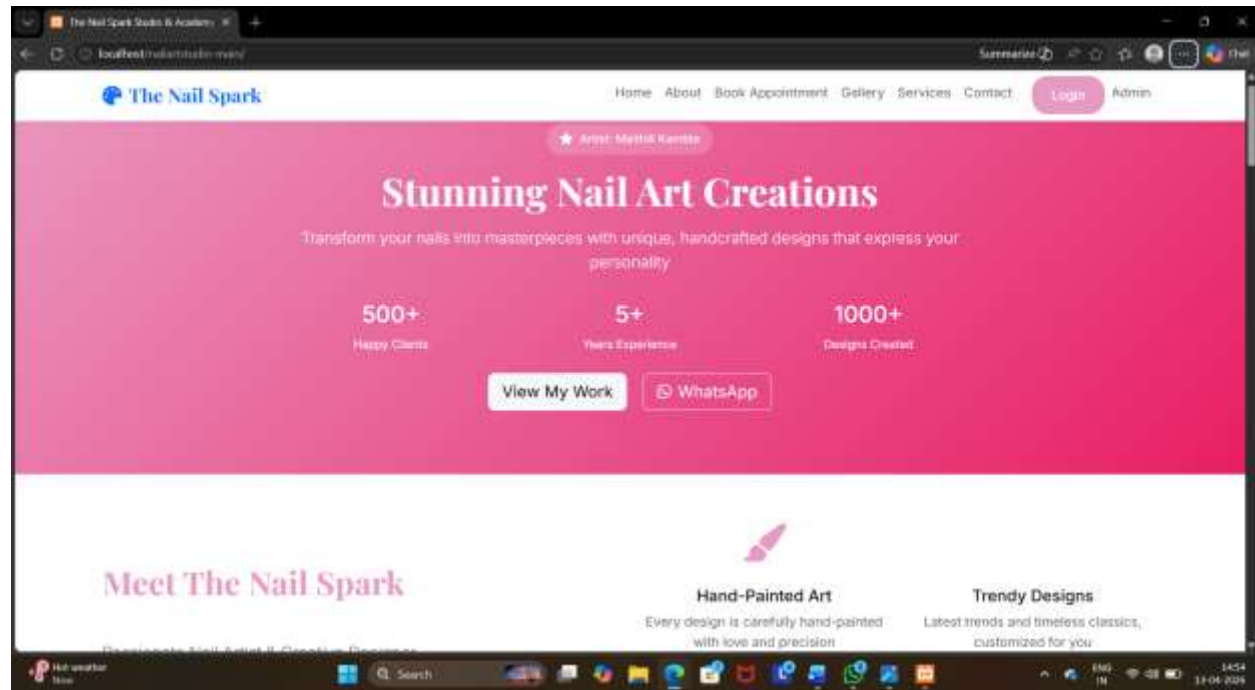
Proper display of:

Appointments

Customer details

Payment status

Smooth navigation



Limitations & Future Modification

- Requires internet for online booking system
- Initial setup cost is high
- Needs regular updates and maintenance
- Limited reach if not promoted properly
- Depends on skilled staff availability

Conclusion

Provides efficient and reliable solution

Reduces manual effort

Improves accuracy and speed

Enhances overall productivity

Helps in better decision-making

Supports business growth

Bibliography

- Google (for research and information)
- YouTube tutorials (for learning nail art & system development)
- Canva (for designing PPT and certificates)
- Online articles and beauty industry websites

THANK YOU!

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- **Project: The Nail Spark Studio & Academy**