Minor Project Lab
Project Report
ON
Beatuty Parlour Management System
BY:

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INTRODUCTION

The **Beauty Parlour Management System** in PHP is a web-based application designed to streamline the operations of beauty parlours and salons. This system helps manage various activities, including appointment scheduling, customer management, service tracking, billing, and inventory.

It is typically developed using PHP as the backend scripting language, often paired with MySQL for the database, and HTML, CSS, and JavaScript for the frontend.

Key Features of the System:

Appointment Scheduling:

1. Enables customers to book appointments online.
2. Allows salon staff to view, modify, or cancel appointments.
3. Sends notifications or reminders for upcoming appointments.

Customer Management:

1. Maintains a database of customer details such as name, contact information, and service history.

2. Tracks loyalty programs and customer preferences.

Service Management:

1. Lists available services with descriptions and prices.
2. Categorizes services (e.g., hair, skincare, makeup).
3. Allows service modifications and updates by administrators.

Billing and Invoicing:

1. Generates bills based on selected services.
2. Integrates payment gateways for seamless transactions.
3. Provides printable invoices and maintains transaction records.

Staff Management:

1. Assigns staff to specific appointments or tasks.
2. Tracks work schedules and performance.

Inventory Management:

1. Monitors stock levels of beauty products and tools.
2. Sends alerts for low-stock items.
3. Tracks usage and purchase history.

Reports and Analytics:

1. Generates reports on sales, appointments, and customer feedback.
2. Provides insights for business growth and decision-making.

Technical Requirements:

- **Backend**: PHP
- **Frontend**: HTML, CSS, JavaScript (or frameworks like Bootstrap for responsive design)
- **Database**: MySQL
- **Server**: Apache or any compatible web server
- **Optional Enhancements**: Integration with APIs for SMS/email notifications, social media login, and payment gateways.

PROJECT SCOPE:

The **scope** of a **Beauty Parlour Management System** (BPMS) defines the areas it covers, the problems it addresses, and the functionalities it provides to streamline operations. Below is an overview of the system's scope:

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1. Functional Scope:

Customer Management

- Maintaining customer records such as names, contact details, and service history.
- Tracking customer preferences and feedback.

- Managing loyalty programs or discounts.

Appointment Management

- Scheduling, rescheduling, and canceling appointments.
- Real-time availability of staff and time slots.
- Automated reminders via SMS or email.

Service Management

- Listing available services and their pricing.
- Categorizing services (e.g., skincare, haircare, makeup).
- Managing promotional offers and service bundles.

Billing and Payments

- Generating invoices and processing payments.
- Supporting various payment methods (cash, credit/debit cards, online wallets).
- Keeping a record of all transactions for future reference.

Inventory Management

- Tracking stock levels of consumable products and tools.
- Alerts for replenishing low-stock items.
- Maintaining purchase records and vendor details.

Staff Management

- Assigning staff to specific tasks or appointments.
- Maintaining employee schedules and availability.
- Monitoring staff performance and attendance.

Reports and Analytics

- Generating daily, weekly, or monthly reports on revenue and customer visits.
- Analyzing customer trends, preferences, and service popularity.
- Providing insights for business growth strategies.

2. User Scope:

For Customers

- Booking appointments online.
- Browsing available services and packages.
- Viewing invoices and payment history.

For Staff

- Viewing assigned tasks and schedules.
- Managing service execution and customer feedback.
- Accessing training or updates on new services.

For Administrators/Owners

- Overseeing all business operations in real-time.
- Managing staff, customers, and inventory.
- Analyzing business performance through reports.

3. Operational Scope:

- **Automation**: Automates repetitive tasks such as appointment scheduling and billing.
- **Accessibility**: Web-based, making it accessible from anywhere with an internet connection.

- **Scalability**: Can be scaled to manage multiple branches or franchise locations.
- **Customizability**: Flexible to include additional features like online consultations or virtual service guides.

4. Benefits:

- Streamlined operations and improved efficiency.
- Enhanced customer experience with seamless bookings and personalized services.
- Better decision-making with detailed analytics and reporting.
- Reduced errors in inventory and billing processes.

Would you like more details on any specific area, such as its architecture, database design, or implementation plan?

Smartphone it is easily accessible and always available.

STUDY OF THE SYSTEM MODULES:

The system after careful analysis has been identified to

be presented with

the following modules and roles.

The modules involved are:

➤ Administrator

➤ Moderators

➤ Users

ADMINISTRATOR:

Software Requirements

Operating System	:	Windows XP/8/9/10/11
User Interface	:	HTML, CSS
Server-side Scripting	:	PHP Script
Client-side-Scripting	:	Java Script
Programming Language	:	PHP
Web Applications	:	Xampp Server
IDE/Workbench	:	Vscode
Database	:	MySQL
Server Deployment	:	Apache

Hardware Requirements

Processor	:	intelliJ IDEA 2024.2.4
Hard Disk	:	512GB
RAM	:	512MB or more