Salon Management System

Shubham Dattatray More[1], Khare Yogita Anil [2], Waghmare Pranali Vijay [3], Kale Siddhi Sachin[4],Shinde Aishwarya Vijay[5] , Koli Arti Babu[6].

[1] More Shubham Dattatray, Computer Technology, Karmyogi Institute of Technology, Maharashtra, India

[2] Khare Yogita Anil, Computer Technology, Karmyogi Institute of Technology, Maharashtra, India

[3] Waghmare Pranali Vijay, Computer Technology, Karmyogi Institute of Technology, Maharashtra, India

[2] Kale Siddhi Sachin, Computer Technology, Karmyogi Institute of Technology, Maharashtra, India

[5] Shinde Aishwarya Vijay, Technology, Karmyogi Institute of Technology, Maharashtra, India

[6] Koli Arti Babu, Technology, Karmyogi Institute of Technology, Maharashtra, India

ABSTRACT

In this project, we have developed a Salon Management System to address common challenges faced by both salon owners and customers. The beauty industry has seen a significant rise in demand, influenced by social media trends and an increasing emphasis on self-care. Everyone desires to look their best, and our system aims to make salon services more efficient and accessible.

One of the major issues in traditional salons is the long waiting time for customers. Our system solves this by offering an appointment management feature, ensuring that customers can book, reschedule, or cancel their appointments conveniently. Unlike many existing systems, our platform supports both male and female service categories, ensuring a more inclusive and streamlined experience.

Keywords: Salon Management System, Admin (Salon Owner), Client

1. LITERATURE SURVEY:

1. SALON MANAGEMENT SYSTEM.

This project will help customer to make an appointment other than making a call or visit a salon premise. This project is to reduce human efforts and increase the work efficiency. Actually, customers do not have a proper way to make an appointment, other than making a call or visit the Salon premise. Salon stylists maintain a diary to note down the appointment details. So to reduce a paper work we designed a web based salon management application with appointment scheduling functionality. It connects customer and stylist and also allowing customer to browse stylist, book or cancel appointment.

2. The Impact of Mobile App Integration on Salon Appointment Booking Systems.

Salon appointment booking systems have undergone significant transformation over the years, adapting to salon owners and their clientele's evolving needs and preferences. With the advent of mobile technology, integrating mobile apps into these systems has become increasingly common. This system can reduce waiting time for each barbershop and salon. The methodology used to analyze system requirements is to compile a list of questions and disseminate with online Google docs and analyze using partial correlation. The data obtained is then processed to get an overview of the need for this system to be developed. As a result of this research, the Online Reservation System is suitable for use to reduce customer waiting time. We have come up with the idea of merging these two aspects and coming up with an Android application for ease of use and time efficiency. The customer shall view various salons and the services they provide along with the fee. The customers shall proceed to make an appointment request where they have the feature of setting a suitable time Slot. The customer can also know if the time slot he wishes to book is already taken so that they can redirect their booking. This research paper explores the impact of mobile app integration on salon appointment booking systems, focusing on the benefits it offers to salon businesses, customers, and the broader beauty industry. By analyzing case studies, conducting surveys, and reviewing existing literature, this paper sheds light on the advantages, challenges, and prospects of this integration.

3. SHEARS Inc. Salon Management System.

Management system is the framework of processes and procedures used to ensure that an organization can fulfil all task
required to achieve its objectives. In recent times, most organization will opt to use management system in their daily business task.

There are those who still use the non-computerized system as opposed to the computerized management system. The non-computerized system may be effective, but it also causes greater task load when implemented. Computerized system makes it easier for users with functions such as searching, automatic calculation, and display of related information with minimal queries. The development of Shears Inc. Salon Management System is to act an alternative to the non-computerized system implemented by Shears Inc. Salon. The system developed will be able to decrease the task load of owner and employees of Shears Inc. Salon. Software Development Life Cycle methodology is used in the development of Shears Inc. Salon Management System. This system is installed in computer device. It runs on local host server and MySQL is used as the database server. The programming language used in developing Shears Inc. Salon Management System is PHP programming language. Hence, Shears Inc. Salon Management System is

2. EXISTING SYSTEM:

The existing salon management system is largely manual, relying on paper-based appointment books, handwritten notes, and traditional phone calls for communication.

Characteristics:
1. **Manual Appointment Booking:** Salon staff manually manage appointment bookings, cancellations, and rescheduling using paper-based appointment books.
2. **Limited Customer Communication:** Communication with customers is primarily done through phone calls, text messages, or in-person conversations.
3. **No Online Presence:** Salons may not have an online presence, making it difficult for customers to find and book appointments.
4. **Inefficient Inventory Management:** Salon staff manually manage inventory, which can lead to stockouts, overstocking, or expired products.
5. Limited Reporting and Analytics: Salon owners have limited visibility into business performance, making it challenging to make data-driven decisions.

Limitations:
1. **Inefficiency:** Manual processes lead to inefficiencies, errors, and wasted time.
2. **Poor Customer Experience:** Customers may experience long waiting times, missed appointments, or difficulty booking appointments.
3. **Limited Scalability:** Manual systems make it challenging for salons to scale their business.
4. Security Concerns: Paper-based systems can be vulnerable to data breaches or loss.

Need for a New System:
A salon management system can address these limitations by providing an efficient, automated, and customer-centric solution. The new system should offer online appointment booking, automated reminders, inventory management, and reporting and analytics capabilities.

3. PROPOSED SYSTEM:

The proposed salon management system is a web-based application designed to streamline salon operations, enhance customer experience, and provide insights for business growth.

System Components:
1. **User Management:** Secure login and registration for salon staff, customers, and administrators.
2. **Appointment Management:** Online appointment booking, scheduling, and management.
3. **Customer Management:** Customer profiling, appointment history, and loyalty program tracking.
4. **Inventory Management:** Automated inventory tracking, low-stock alerts, and order management.
5. **Point of Sale (POS):** Integrated POS system for efficient transaction processing.
6. **Reporting and Analytics:** Customizable reports and dashboards for business performance monitoring.
7. **Notification System:** Automated reminders, notifications, and promotional messages via SMS, email, or push notifications.
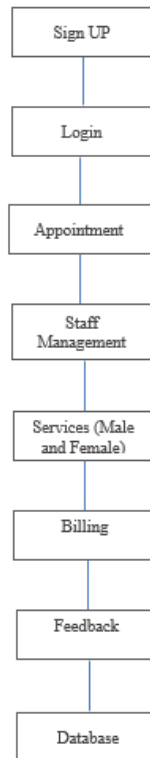
System Features:
1. **Online Booking:** Customers can book appointments online through the salon's website or mobile app.
2. **Appointment Reminders:** Automated reminders and notifications for upcoming appointments.
3. **Customer Reviews:** Customers can leave reviews and ratings for salon services.
4. **Loyalty Program:** Automated loyalty program tracking and rewards redemption.
5. **Inventory Alerts:** Low-stock alerts and automated order management for inventory replenishment.
6. **Sales Tracking:** Real-time sales tracking and reporting.
7. **Customizable Reports:** Salon owners can generate custom reports and dashboards for business performance monitoring.
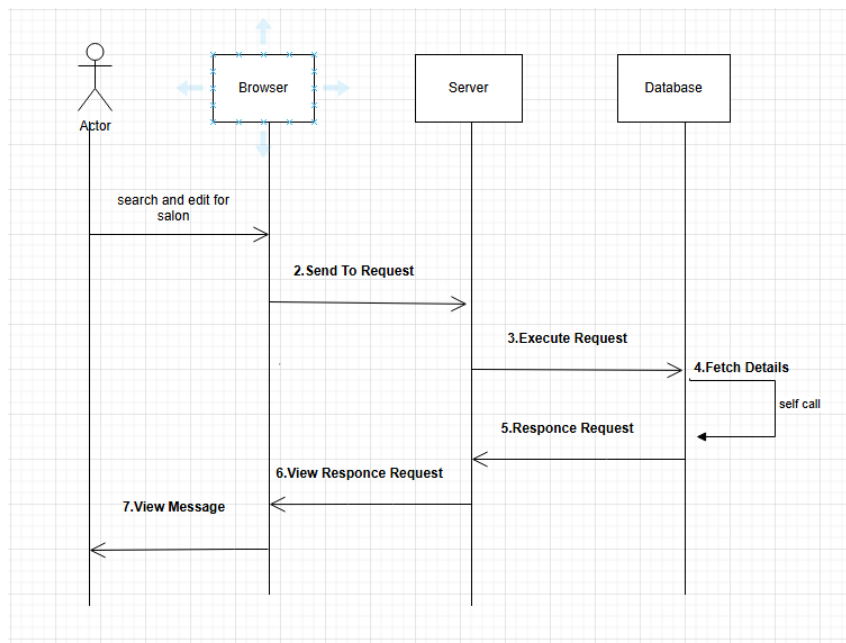
System Benefits:
1. **Improved Efficiency:** Automated processes reduce manual errors and save time.
2. **Enhanced Customer Experience:** Online booking, reminders, and loyalty programs improve customer satisfaction.

3.   **3 Increased Revenue:** Efficient appointment management and sales tracking lead to increased revenue.
4.   **Better Decision-Making:** Customizable reports and analytics provide insights for business growth.
5.   **Competitive Advantage:** A modern, web-based salon management system sets the salon apart from competitors.

4. BLOCK DIAGRAM:

5. SEQUENCE DIAGRAM:

6. *OBJECTIVES:*

Here are some potential objectives for a Salon Management System:

Primary Objectives

1. **Improve Efficiency:** Automate manual processes, reduce errors, and streamline salon operations.
2. **Enhance Customer Experience:** Provide online booking, reminders, and loyalty programs to increase customer satisfaction.
3. **Increase Revenue:** Optimize appointment scheduling, reduce no-shows, and improve sales tracking.
4. **Provide Business Insights:** Offer customizable reports and analytics to inform business decisions.

Secondary Objectives

1. **Reduce Costs:** Minimize waste, optimize inventory, and reduce the need for manual labor.
2. **Improve Communication:** Enhance communication between salon staff, customers, and management.
3. **Increase Customer Loyalty:** Implement loyalty programs, reminders, and personalized marketing.
4. **Enhance Salon Reputation:** Encourage customer reviews, ratings, and social media sharing.

Functional Objectives

1. **User-Friendly Interface:** Design an intuitive system for salon staff and customers.
2. **Secure Data Management**: Ensure secure storage, backup, and retrieval of customer and business data.
3. **Integration with Existing Systems:** Integrate with existing POS, accounting, and marketing systems.
4. **Scalability and Flexibility:** Design the system to accommodate growing salon needs and changing business requirements.

Non-Functional Objectives

1. **Reliability:** Ensure system uptime, stability, and minimal downtime.
2. **Performance:** Optimize system speed, responsiveness, and data processing.
3. **Security:** Implement robust security measures to protect customer and business data.
4. **Usability:** Design the system to be easy to use, navigate, and understand.

6. CONCLUSIONS:

The salon management system proposed in this project aims to revolutionize the way salons operate, providing a comprehensive solution to streamline operations, enhance customer experience, and increase revenue.

Key Takeaways:
1. **Improved Efficiency:** Automation of manual processes reduces errors and saves time.
2. **Enhanced Customer Experience:** Online booking, reminders, and loyalty programs increase customer satisfaction.
3. **Increased Revenue:** Optimized appointment scheduling, reduced no-shows, and improved sales tracking lead to increased revenue.
4. **Data-Driven Decision-Making:** Customizable reports and analytics provide valuable insights for business growth.

Future Scope:

1. **Integration with Emerging Technologies:** Explore integration with emerging technologies like AI, blockchain, and IoT.
2. **Expansion to Other Industries:** Adapt the system for other service-based industries, such as spas, gyms, and restaurants.
3. **Continuous Improvement:** Gather user feedback and iterate on the system to ensure it remains user-friendly, efficient, and effective.

Final Thoughts:

The salon management system has the potential to transform the salon industry, providing a competitive edge to businesses that adopt it. By leveraging technology to streamline operations and enhance customer experience, salons can focus on what matters most – providing exceptional services to their clients.

7. REFERENCES:

1. [1] https://www.predictiveanalyticstoday.com/top-salon- spa-management-software/

2. [2] https://www.softwareworld.co/top-salon-software/
3. [3] Ms. jadhav vaishali, "Smart Hair Salon Management System" Published.

2. [2] https://www.softwareworld.co/top-salon-software/
3. [3] Ms. jadhav vaishali, "Smart Hair Salon Management System" Published.