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On Air Salon– Barber Appointments and Salon Manager

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Abstract— Booking an appointment online has grown in popularity over the past few years. Our project aims to reduce traffic in the Salon. So with the invention of an online appointment system where the customer will get the freedom to book an appointment at the salon at a flexible time at the date at their convenience. The problem of patience arrives at the Salon, where we have to stand in queue for hours and hours, and still, there is no guarantee their turn will come. So for such a problem, we are going to build the application known as 'On air salon'. A customer can book its appointment in the application and also reschedule its appointment, and he can also pay its amount through the application. For any false appointments, we'll verify the user by confirming the OTP. The user can book their appointment at a click. Users can confirm or cancel their appointment and easily reschedule. Users can browse through salon's ratings, fare, Gender, a specialty of salons. This application will give the current status of appointment, waiting for status, fares, and also ratings & reviews. Users can pay online or offline. For this application, a visitor must register to avail of the services. This application will help us to save time and reduce traffic.

Keywords— Online salon, Salon manager, Appointments

I. INTRODUCTION

This invention relates to systems that assist with the management, operation and marketing for beauty salons, spas and similar businesses using networked computer systems. More particularly, the invention relates to a method and system that uses software controlled networked devices to help manage the day to day operations as well as assisting in generating revenue for salon owners and higher commission for salon service providers. As an industry, salons have yet to embrace technology in ways other industries have. Many salons operate without the use of a computer system or specific salon management software. They schedule appointments by writing them in an appointment book. However, even the salons that operate with computers and management software are limited because the software only provides basic functionality. The typical salon software usually provides the basic features necessary for the day to day operations of a salon, on one isolated network, storing all data locally and dependent on books/files for system updates.

These components include; scheduling appointments, client data, inventory control, service maintenance, employee maintenance, gift card, transactions, reporting, email functions and mailing systems etc. The present invention is directed to a method and system for managing information that can be transferred and displayed to employees and customers in a salon or spa. In accordance with the invention, a two or more terminals and a server can be connected to a network that enable salon information to be exchanged. The server can store information about the employees, the clients and the appointments during which the employees provide services to the clients. The server can store information about each client including client demographic information, service and product purchase history and any preferences. The server can also include promotional information about product and service advertisements, salon promotions and information about products and services-provided-by-the-salon.

II. RESEARCH METHODOLOGY

The system can utilize mobile based software and can be run at multiple user levels, each having different access privileges. The types of users can include, for example, a stylist, a service provider, an advertiser, an owner, a distributor or a client. In accordance with some embodiments of the invention, the system can include a salon administration system. Any mobile, chosen by the salon owner and accessed using the owner privileges can utilize the salon/spa's administration system. All in-salon mobile accessed using this owner account, the front or reception desk terminal, and station terminals can be connected to the salon network using either wire or wireless network connections and obtain access to the server. In accordance with some embodiments of the invention, the salon management system can be hosted by a server that can be located remotely from the salon or hosted remotely by a third party or provided as a cloud based service. The salon management system can provide account management, and data storage and acquisition. In accordance with some embodiments, the salon administration system can be accessed from any location where internet connectivity is available and the user has the assigned credentials and privileges.

In an existing e-commerce system, a user may open a shop on the Internet, log in and manage the online shop through a registered account.



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Through this account for logging in and managing the online shop, the user may also log in an instant messaging system (IM), to communicate with a buyer, and create one or more auxiliary accounts with corresponding passwords in the instant messaging system. Users of the auxiliary accounts can also communicate with buyers who conduct businesses with the online shop. The typical salon software are not designed to solve the challenges salons face, including for example, increasing sales revenues from products, services or promotions, maximizing re-booking of client appointments, improving time efficiency, and enhancing the client experience. As an industry, increasing product sales has always been challenging. The national average is approximately 6% of service sales. Most experts agree it should be closer to 20%. Salon owners offer their staff countless seminars, purchase books and tapes, offered in house sales training, all to no avail. The facts are very few stylists possess the ability to consistently sell products.

The present invention includes methods and the systems for providing services using a secure cloud-based software. The system can provide for more efficient operations, better management of time, an increased level of communication, and a unique client experience. The system can provide a dynamic in-salon advertising platform for local or national businesses as well as the salons themselves. By providing terminals in various forms (e.g., including touchscreen computers and tablets) to salons, that can be installed by every shop (e.g., hair stylist, nail & pedicure, as well as any other shop locations). These services can be strategically at some or all of the shops so that clients can have an unobstructed direct view of the content presented while receiving services provided by the salon or waiting to be provided services by the salon. Communication among staff (e.g., stylists and service providers) and front desk has always been a challenge, especially when a stylist/service provider is servicing a client or running behind schedule. The stylist needs to stop the service they are performing and leave the client in order to notify the front desk or they must gain someone's attention to relay the message to the front desk.

If a user creates an account for an online shop, the account is saved in an online shop server, such as a server at the e-commerce app On Air Salon. As the user logs in a related instant server such as Firebase associated with On Air Salon, the instant server requests the online shop On Air Salon to check the user's account name and password, and allows the user to log into On Air Salon upon successful verification. On the other hand, since an auxiliary account is created on the On Air Salon app and is only saved in the server of On Air Salon. Stylists try to present to the client the products they recommend as they are being used, if time is a challenge, the recommendation is usually skipped. Up selling salon services becomes a challenge for stylists as well.

Most stylists have difficulty initiating dialogue and usually wait for the client to inquire. Most stylists are unaware as to whether they have the time to add a service to their current client. Generally, stylists are only compensated for up selling of the services they perform, not other services that the salon offers. Usually the front desk engages clients with service offerings, promotions and product specials; however, this is rarely done consistently

III. PROPOSAL

The online salon business method of the present invention additionally comprises a first process of serving a customer, a second process of serving a customer, and a process of a customer's transition from a prospective member to a member. Furthermore, the salon-spa business method comprises a guide sheet for distribution to and use by employees, and a survey for distribution to both prospective member and members and for improvement of the salon program.

IV. RESULT AND DISCUSSION

A server storing information relating to salon employees and salon clients and the server storing information relating to salon employee service appointments; and at least one employee terminal connected to the server by a network and adapted to send data to and receive data from the server; and wherein after a salon employee logs into an employee terminal, the server sends information to the employee terminal identifying the salon employees next salon client and the server sends advertising content to the employee terminal selected based upon the information relating to the next salon client stored at the server. According to a second aspect of the present invention, a method for scheduling appointments at beauty salons, comprising steps of receiving an appointment request for a beauty salon from a customer through data communication means; updating a work schedule of the beauty salon based on the appointment request from the customer; and sending the customer appointment information prepared on the basis of the customer's appointment request through the data communication means; wherein the appointment request is sent directly to the central processing means if the appointment request includes an identification number pre-assigned to the customer; and if the appointment request does not include an identification number, the customer is asked to input an address whereby the customer can be contacted by the data communication means, and the appointment request is sent to the central processing means only after the address is inputted

A. Figures and Tables

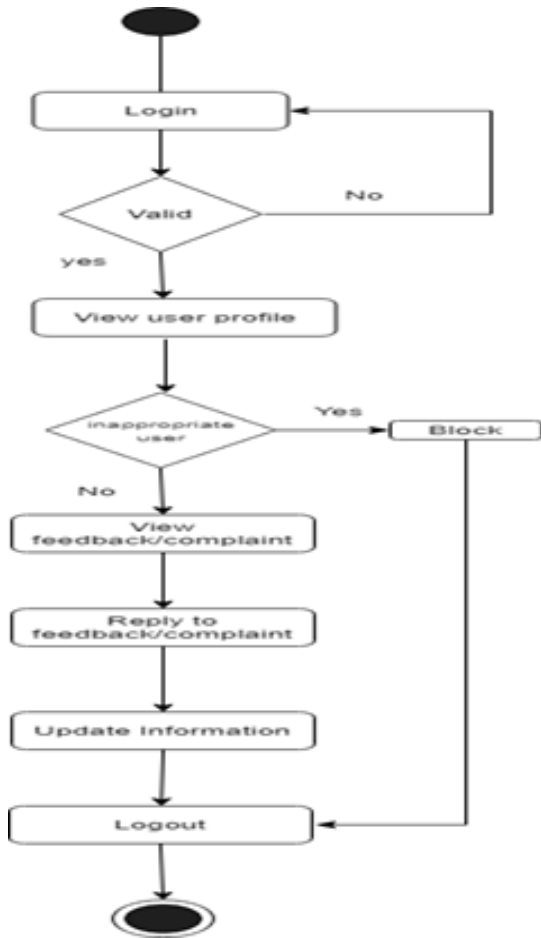


Fig 4.2: Activity Diagram of whole system



Fig 4.1: Activity Diagram of whole system



Admin Login

This is a secure system and you will need to provide your login details to access the site.

Fig 4.3: Patient Sign up page



Fig 4.4: Lab Assistant Sign up page

V. CONCLUSION

The invention offers a system and method for scheduling appointments for beauty salons using communication environments such as the internet.

The system also prevents false appointments which are foreseen as being a possible problem when enabling appointments with beauty salons to be made over such a communication environment. Customers that book online spend more. Improves customer experience and your salon revenue. Online booking is a great way to retain customers. Easy-to-use login. Access to user profile.

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