



Spa Application

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Abstract—Spa is used for relaxing, it improves blood circulation hence sending more oxygen and nutrients through the body and cells and nice look. Spa treatment is a non-medical procedure to help the health of the body. It is often performed at a resort, destination spa, day spa, beauty salon or school. Today is the world of apps. Spa application is an app used for smooth functioning of a parlor providing spa treatment. It helps reduce the Paper work. Application will contain the Basic modules like login and Make Registration. But, the unique Concept in this Application is appointment scheduling as well as search the nearest location of spa. This Application will provide the Facility to the end user, using which User will easily be able to know the working procedure of the spa, and solve all the doubts regarding the Service of Spa. Application Will Provide the Real time Response to the end user. It will show in real time the appointment schedule of spa and application will also provide the notifications to the user about the appointment. This Application will provide the information about nearest Spa and Spa facilities. One of the important feature of this app is that training is also available Workers are shown online training videos. Using this application user will check the services of the nearest Spa. Payment mode is offline so user can pay on hand.

Keywords – Online, spa parlor, Appointment rescheduling, Tips for spa, Online training video, Map integration for location, Application for spa treatment.

I. INTRODUCTION

During analysis phase, I referred profiber app and spa saloon application. In those applications I found that application were showing hair texture and showing weekly hair routine. Spa saloon is just software. It didn't have login for customers, tips were available. In SPA application various features have been added like: tips, nearest location etc. Spa application is about how the customer will get to know nearest spa easily. In this application many advantages are available. Customer, manager, admin as well as worker use this application. Here the customer registers or logs in after which the profile of spa is shown and also the nearest location list of spa parlor is available. After selecting parlor customer get appointment easily and can reschedule the appointment in communication with the manager. When selecting appointment date, he/she is shown the product details list [8] and also treatment details with discount. He/she can select the treatment like galvanic treatment [5] [3]. After that manager confirm the date of appointment and that time manager allocate worker to the user. Manager notifies appointment details to the user via Gmail, after this process customer confirms the appointment date. The customer can reschedule the appointment by communicating with the manager. Multiple tips [1] are provided. This is the benefits of the customer. So this is the basic idea of the application.

II. SPA APPLICATION WITH DIFFERENT ATTRACTIVE TREATMENTS

Women are conscience about which cosmetic product they use and what kind of treatment they take. There are multiple tips regarding hair, makeup, and facials. New User has to register this application. Those who have already registered in this can sign in with Facebook as well as normal sign in using Gmail with password. If the customer forgets the password, it can be recovered via Gmail. After that customer see parlor treatment list and product list as well as details of that list because the cosmetics are more marketed in all over country and women like to buy and use that cosmetics. The app displays the product list and shows the details and description of it Customer have to go and get the product in any of the listed parlors. Customer selects the treatment like galvanic treatment [5], high class of hairstyle [3] as well as makeover of the customer [2] [4] from treatment list and books the appointment. While booking the customer searches nearest location of spa and get nearest parlor with location on map. Customer has to pay on hand for the treatment. Manger manages customer appointment and checks the customer profile and confirms the date of appointment. Manager reminds about appointment before few day so customer remembers that date. Customer can cancel or reschedule the appointment via email or telephone. Multiple menus are added in this application, like: tips, feedback, contact us, logout, in tips customer get multiple home tips, beauty tips, and hair tips [1] with description and also video link available using which the customer can watch on YouTube the multiple cosmetic videos available. These videos teach the users how to use the product [6] [7]. Customer can give Feedback directly on Gmail after completing the treatment. Manager registers and login in this application. He manages the appointment list of the customers and confirms the appointment after checking the worker availability status. He is also responsible for allocating the treatment tasks to the workers. Manager shows the treatment list as well as product list with the whole details, Good product quality available with description about how use that with quantity [8], Manger show the promotional activity also add some activity in this manner. The main task of the manager is the scheduling appointment showing worker availability

time get payment from customer. Admin is also provided a module with the help of which he/she can login. Admin can add/update treatment which could be helpful to the customer for skin problems like acne etc. The skin type of the patient is recognized and based on that facial treatment and product list is made available [8] [9]. Admin can add some promotional activities for the worker. In these activities training details and video tutorials are provided. Worker can see all the appointment of particular day by day and then set availability time of them for new customers. After completion of the treatment, before and after snaps of the customer are uploaded [2].

III. PROPOSED METHODOLOGY

3.1. System Flow

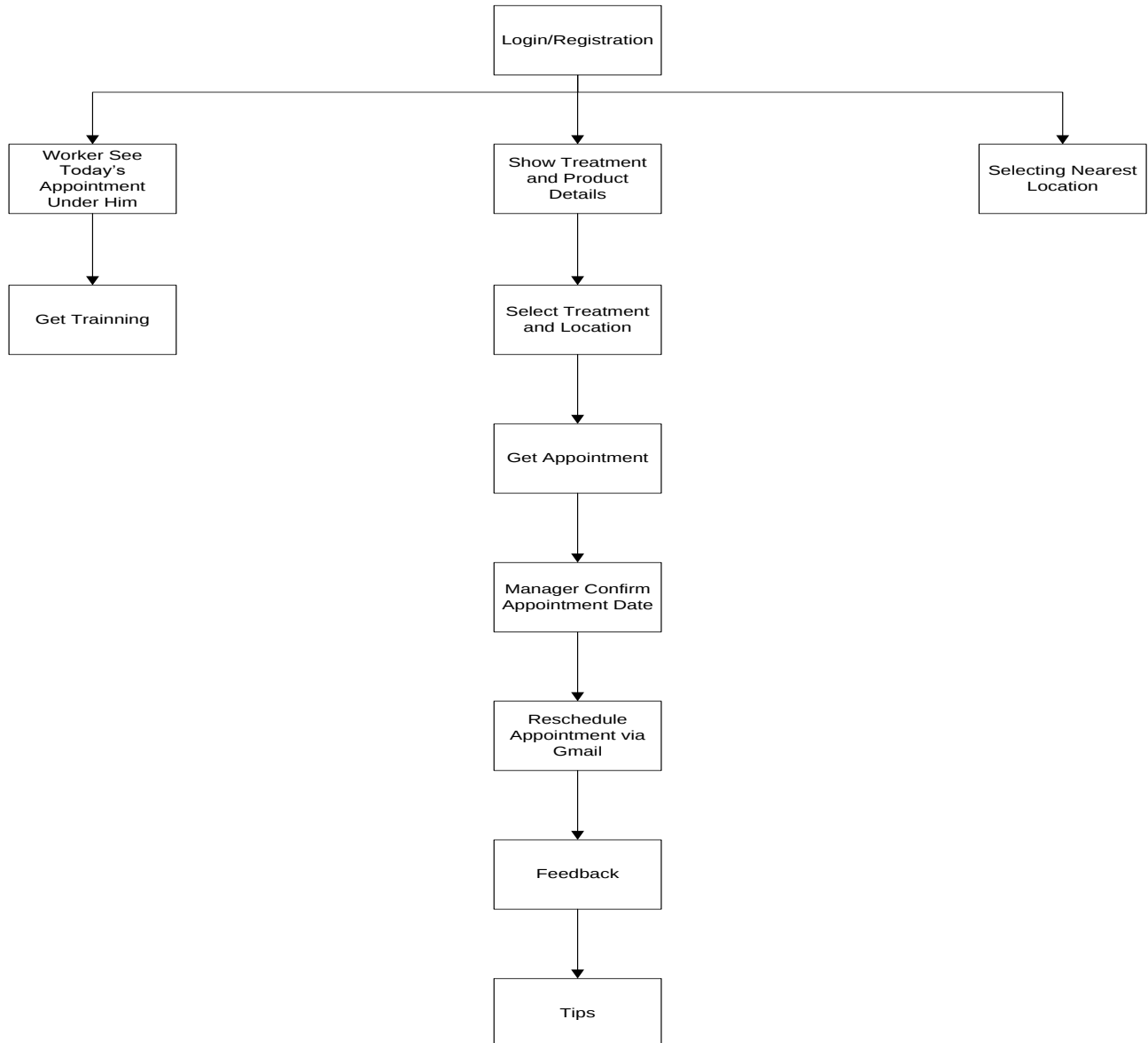


Figure 3.1: System Flow

IV. IMPLEMENTATION



Figure 4.1 Results

V. CONCLUSION AND FUTURE WORK

This application will help customer to get appointment in nearest parlor of spa, in that additional features such as appointment rescheduling, nearest location of spa, appointment reminder via Gmail. Customer will be able to get appointment multiple times in multiple spas which are register in our application. Easy UI design for new users. We also provide Tips. Customer appointment reminder is provided. Customer can check her/his previous treatment. Our app provides History about old treatment. We will add tips related video on YouTube.

In future Customer can view only the nearest location without get register in our application, Right now my application is used in limited geographic area as Vadodara so we try to expand our parlour in different regions, customer get bored when fill feedback or review but using my application it is unique and interesting because it is directly integrated via Gmail or social media, we can also provide training to the new comers under the expertise.

REFERENCES

- [1] . Professor Dixon, "Hair Food: An Examination of Food Terms in the Hair Industry and the Adverse Effects of Hair Care Products Among Black Women", Monica Parkin University of South Florida St.Petersburg Food, 23 April 2012.
- [2] . SiLiu, XinyuOu, RuiheQian, WeiWang and XiaochunCao, "Deep Localized Makeup Transfer Network" Institute of Information Engineering, Chinese Academy of Sciences and [Gatys et al., 2015a] Leon A Gatys, Alexander S Ecker, and Matthias Bethge. "A neural algorithm of artistic style". CoRR, abs/1508.06576, 2015.
- [3] . Na-Young Choi, "Symbolism of Hairstyles in Korea and Japan" Wonkwang University, South Korea, Volume 65, 2006.
- [4] . Li Xu, Jimmy Ren, Qiong Yan, Renjie Liao, and Jiaya Jia, "Deep edge-aware filters", In Inter- national Conference on Machine Learning, 2015.
- [5] . Annet King, "The Power of Galvanic Treatments in Your Spa", the International Dermal Institute
- [6] . Chang-Tzu Chiang, Wan-Chen Yu, "Research of Female Consumer Behavior in Cosmetics Market Case Study of Female Consumers in Hsinchu Area Taiwan Department of Business Administration", Yuanpei University, Hsinchu, Taiwan, China, September 27th, 2010.
- [7] . Swati Gajbhiye, Satish Sakharwade, "Silver Nanoparticles in Cosmetics" ,Department of Cosmetic Technology, LAD & SRP College for Women, Nagpur, India, 28 March 2016.
- [8] . Retno .S. Tranggono, MD , "THE INFLUENCE OF SPA PRODUCTS TREATMENT FOR SKIN-CARE", President of The Indonesian Society of Cosmetics Scientists, Presented at the International Society of Cosmetic Dermatology Day- Cosmoprof Asia Hong Kong, November 7999
- [9] . Helen E. Smit; Julie A. Smit, "ACNE FACIAL TREATMENT APPLIANCE AND METHOD", May 31, 1977.