

RV College of Engineering® , Bengaluru – 59
Department of Computer Science and Engineering
Database Design Laboratory (18CS53)

Synopsis

TITLE	Salon Services Booking System	
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1. Introduction

The project is about booking various services provided by a salon/parlor from an online website. This helps the users find available salons/parlors near his current location and reduces wait time and crowd at parlors and salons. The users can also avail home services.

2. Existing System

The current system requires the person to go to the salon / parlour and then book / ask for the services that he would like to avail and then he has to wait in the queue until there is a vacancy and then can get the services he asked for. This results in a lot of wastage of time as he doesn't know beforehand about the vacancy or the waiting time.

3. Proposed System

The proposed system consists of an online platform that allows the users to easily book ,avail the services either at the salon or at home depending on their choice and see their previous appointments for their required service in case they want to rebook the service. The user can choose between online payment or cash. The admin user has the ability to add available salons and their services into the database, which can then be seen by the users and book a service.

4. Relational Database Structure

The following are stored in Relational database

- 1) Owner:- The owner of the salon/parlour should first register himself in the website and then he can add the salons and the services it will be providing.
- 2) Salon/Parlor:- This has the details of each salon which is owned by an owner from the owner entity..
- 3) Service:- This has the details of the service that will be provided to the customer which is related to the salon / parlor offering it.
- 4) OrderNormal:- This has the details of the order placed.

5)OrderHome:- This has details for the order placed. It is applicable only for services that offer home options as well.

5. RDBMS AND NoSQL Integration

The registered user's details such as Name, Phone No, Address etc. is stored in NoSQL database. The NoSQL database used for this purpose is Firebase. It is integrated with the RDBMS with the help of the Django web framework.

6. Societal Concern

The main concern was to ensure that the whole process becomes online and the person can book the slot which is free and need not unnecessarily wait for long durations in the parlor. Also in the view of COVID-19 we are adding an option for some of the services that could be offered at home as well.