

Online Salon Booking Application

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Abstract— Using this application, people can book their appointment in advance at their salon of choice. There are two types of login forms are available i.e. Business account and User account. Salon owners can login into Business account and customer who want to book appointment can login into user account. Customer can book appointment at any time and choose their services and stylist and admin can confirm the appointments. By using this application customer can save time and salon owners can manage their customer efficiently without any paper work.

Keywords: Online Salon Booking Application

I. INTRODUCTION

A. Background:

Now a day's technology took place all over the world. Peoples are attracted to an easy life! Technology makes life much easier. Everyone is searching for easy and fast service on real life. In our country there are thousands of app are created to make life easier and faster. There are so many apps that really works for us and saving our time and money. My idea was saving in salon. Salon booking app will help salon owner to change their slow and long salon booking appointment process.

Often, people visit salon and take their salon services without wasting time but most of the time people have to wait long for their turn to come.

Beauty has been rated the first among all the essential things that need attention. Today, everyone desires to look beautiful and charming and a salon is the go to place for the same. Salon services enhance your natural beauty and help you look presentable.

Salon booking app allows your user the freedom and convenience to make an appointment at any moment. You don't have to worry about taking an appointment by calling the salon in working hours. Online salon booking application makes booking appointments easier for you and helps you save time by not letting you wait in queue.

B. Objectives:

Serving people through internet is not a new idea because everyone is connected to internet and doing thing with internet is easy. Everyone wants to complete their work with their finger-tip only. An online salon booking app would serve as a platform that allows individuals to make salon appointment booking hence saving their time from waiting in queues at salons to get their desired salon services.

Salon owner can manage all booking appointment easily without any paper work.

C. Purpose:

The purpose of the project is to change the tradition booking system which where taken on calls. Some people are not convenient to talk on phone and salon owner may busy in managing customer so it may happen that he did not attend all the calls. Salon owner may have to keep a person to attend

the calls. Using online salon booking application it is easy to the owner to handle the customer or booking appointment without any hesitation.

D. Scope:

The 'Online salon booking application' is the project is developed as a mobile application, and it can be used by any salon owner and any person who want to acquire desire salon services. It is the online process, so booking appointment in salon requires internet connection via data connection or through wifi. Offline booking cannot possible through this application.

E. Achievements:

- People can easily book appointments.
- People can save time.
- Salon owner can manage booking easily.

II. SURVEY OF TECHNOLOGY

Almost, most of the people prefer online booking applications to save time. It is user friendly and can be book at any time. Age group between 15-30 are more concern with their hair style and looks. Almost all the salon booking application uses calendar for appointment. There are two types of accounts i.e. business account (for salon purpose) and user account (for user to book appointments). Some salon sells beauty and cosmetic products and their personal brands. Some salon takes booking charges and some for free.

Some technologies, programming languages and software IDE's used in our project are as follows

1) Android Studio:

Android studio [11] is the official integrated development environment (IDE) for Google's Android operating system, built on Jet Brains IntelliJ IDEA software and Android SDK for both developing our android application and also testing our android application when need to run for seeing output.

2) Android SDK:

An SDK that provides you the API libraries and developer tools necessary to build, test, and debug apps for Android. Android provides a rich application framework that allows you to build innovative apps and games for mobile devices in a Java language environment.

III. REQUIREMENT AND ANALYSIS

A. Problem Definition:

Earlier, salon staff is being taken up booking appointment on calls from the clients. With a salon booking application, staff do not have to manage booking manually. This app will manage all salon booking appointments at one place. Online salon booking application grants customer the freedom of booking salon appointments at their convenience. It solves the problem of waiting in queue.

B. Requirement Specification:

The requirement specification document lists sufficient and necessary requirements for the project development. To derive the requirement, the developer needs to have clear and through understanding of the products under development. In requirements specifications, we will set functional and non-functional requirements for the final product. It is the most important and critical task and needs detailed analysis. The proposed system will have the following requirements.

1) Functional requirements

- This is related to the technical part of the system.

- Maintain all the user input data in database.
- 2) *Non-functional requirements*
 - It is user friendly and has excellent user experience
 - It should perform operations smoothly
 - It should load quickly

C. Planning and Scheduling:

Planning various activities related to the project and scheduling them is an important task. We have used a Gantt chart for planning and scheduling the various project activities. So that no activity clashes with others.

Giant Chart:

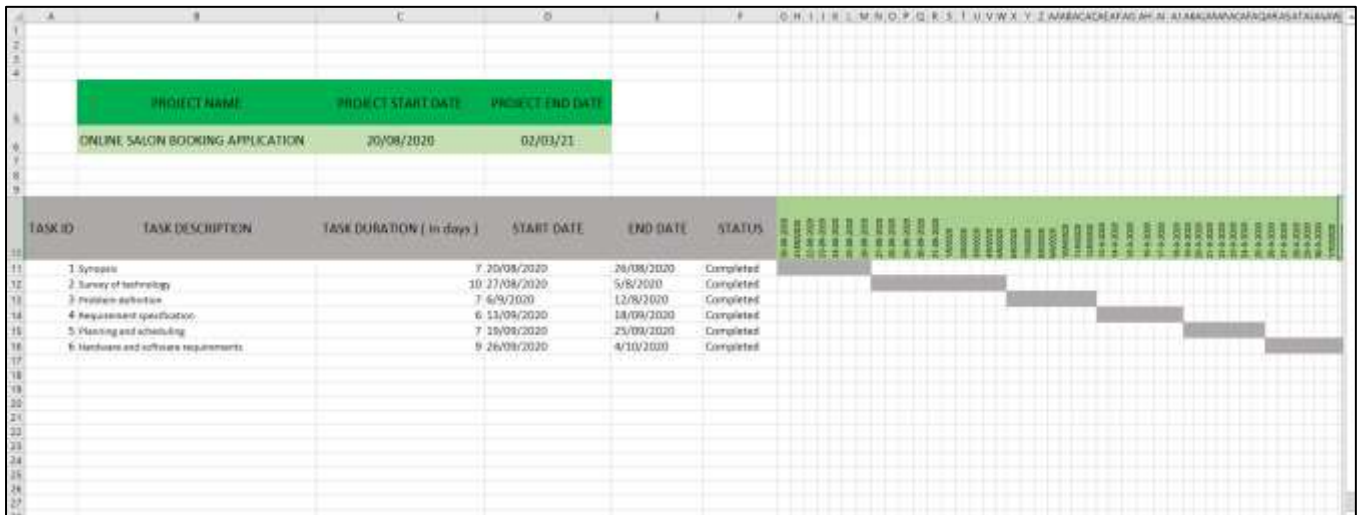


Fig. 3.1: Gantt chart

D. Hardware and Software Requirement:

1) Hardware Requirements

- Laptop with AMD Ryzen 3 3200U (processor)
- 4gb RAM or more
- hard disk of 100gb

2) Software Requirements

- OS windows 8 or 10
- Android studio
- Java and SQ Lite

E. Conceptual Model:

1) Use Case Diagram

- a) For user

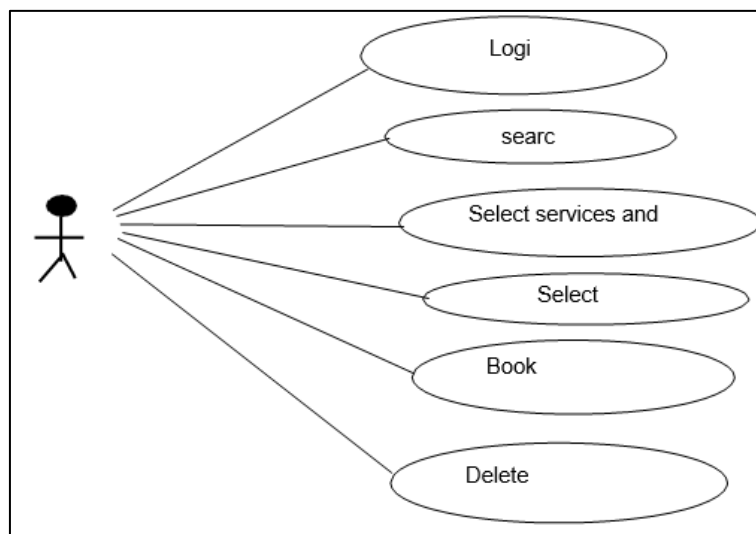


Fig. 3.2: use case of the application for user

b) For admin

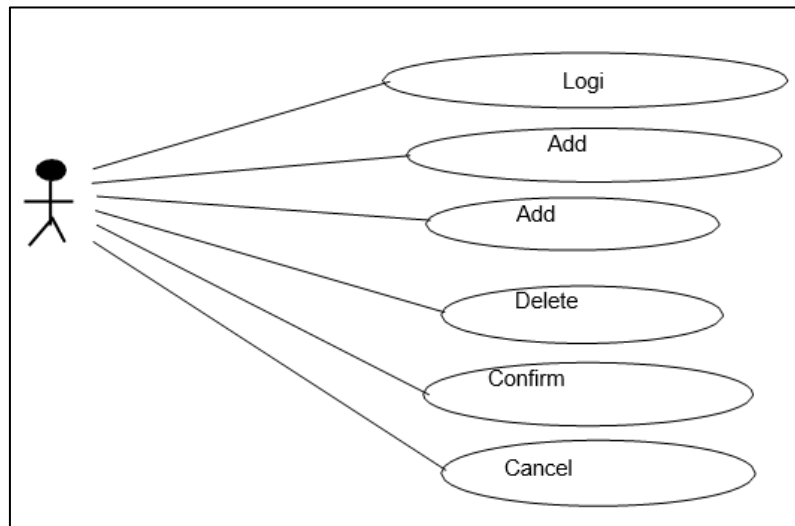


Fig. 3.3: use case of the application for admin

IV. SYSTEM DESIGN

A. Flow chart:

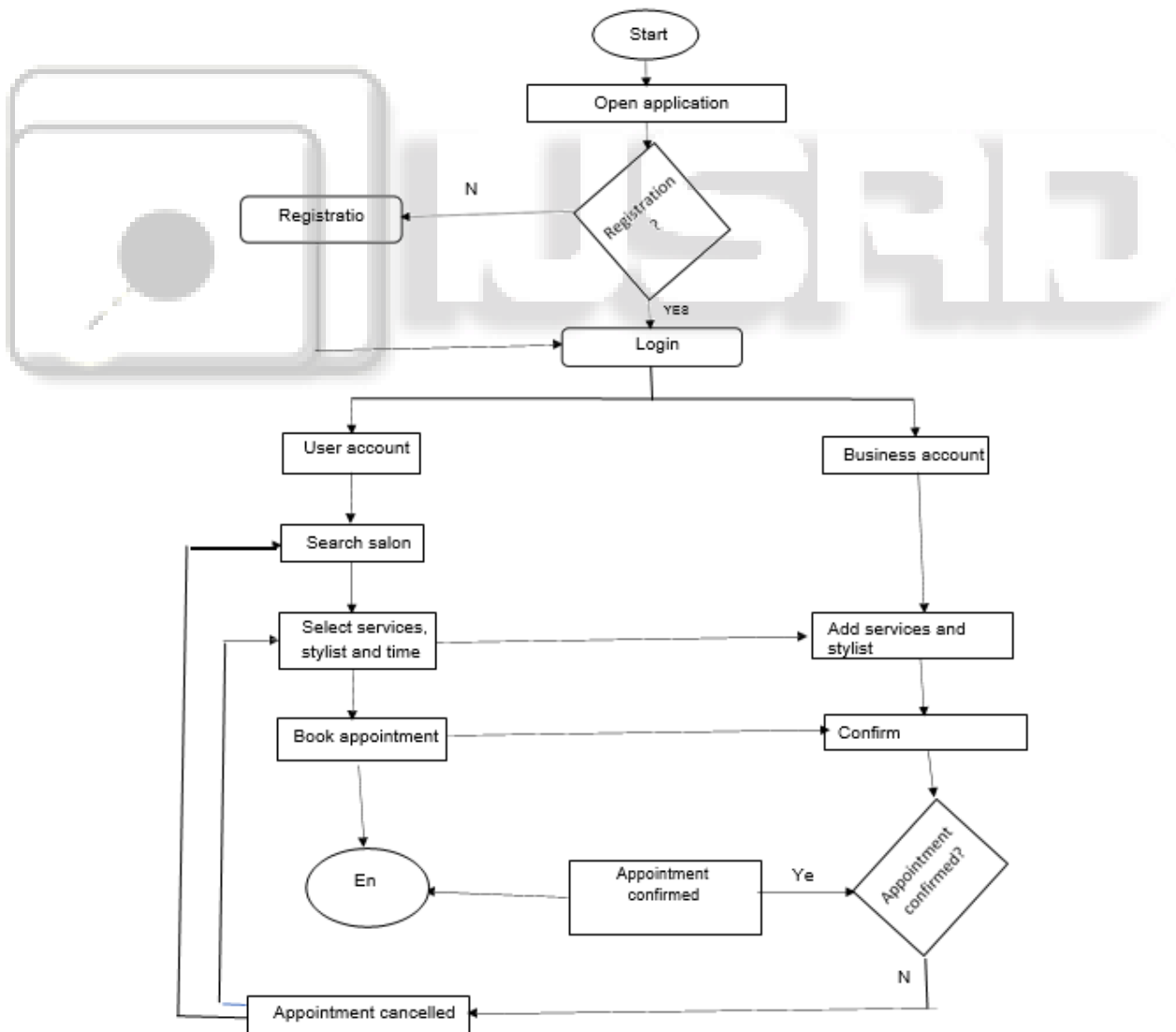


Fig. 4.1: flow chart diagram

B. User Interface Design:

User interface is the most important part of the system, where user can see everything in the application. Designers aim to create interfaces which users find easy to use and pleasurable. UI design refers to graphical user interface (GUI) which helps user to have better communication with system and providing best user experience.

