INDOOR HOME SERVICES



Research and Project Proposal

Prog8380-Web Design Capstone

Group No.: 6

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## sUBMITTED TO

ZAMAN ANK

## iNdoor home services android application

**Introduction**

Indoor services application is an Android-based application which provides various services by booking at home services ranging from the home salon for women and men to home repairs and maintenance services, such as driveway repair, carpenter, electrician, plumber, roofing, Cleaning/Sanitation experts, as well as Fitness Trainers and Packers and Movers, etc.

Currently, the world is facing a pandemic, and finding services is a lot more complicated than previously. This application will help in this kind of circumstance. Users can get any assistance using a single application and with proper precautions without leaving the house.

Also, there are some features of the application listed below:

1. Users can sign up newly with our app or can log in through his/her google account.
2. Users can get Services at home or book services for someone else and the location feature.
3. Users can choose from a variety of services provided by the app according to his/her requirement.
4. Users can choose a service provider/expert according to his/her ratings and reviews by other users.
5. Users can book an appointment and confirm his/her appointment acceptance within 24 hours before the scheduled time.
6. Users can pay the service provider in advance or after service, but through the app only.
7. User can share his/her Feedback after job completion and give ratings and reviews to a service provider according to work done.
8. Users can get Quote through the contact us form before booking an appointment.
9. Push Notifications will be a new thing to learn and enhance user awareness and interactivity with the app.

Some Extra feature would like to add after completing the above points:

1. We will add an in-app chat function to inquire and negotiate with the service provider directly.
2. We will try to add a Support call feature.
3. If we have time, we will try to make an admin panel app for the app owner to add service providers and edit their profiles and other user side apps.

**Design and Data Flow**

This INDOOR HOME SERVICES application will provide an attractive and simple user interface that will help users book their services. This application has multiple pages through which users will interact with the application to secure their services, such as, Home page, different services page, service detail pages, login page, signup page, contact us page, feedback page, booking page. These pages will contain important information and instructions for the user.

We will use the MySQL database to store booking data, user information, service providers data, and other data.

**Technology Description**

Android is a new and growing technology. This technology growing day by day and its users are also increasing at the same pace. In today's generation, laptops and computers are considered old technology, mobile phones and tablets are trending. With this trend, android technology is also expanding its range for more users. Nowadays, every popular website has its android application. And new businesses are focusing more on these ANDROID and IOS platforms. It creates a vast ground for developers to experiment with their abilities. So, we choose an android as a developing language. ANDROID STUDIO is the ideal IDE to develop any android application with JAVA programming language because it is much easier to build the application. We can implement OOPs concepts in the android application.

MySQL database is easy to use with the android application. Its light version is compatible with the android device and works smoothly.

1. IDE: Android Studio
2. Programming Language: Java
3. Database: MySQL
4. Code Sharing: GitHub

**Market Survey**

1. Python
2. JAVA
3. node.js
4. C#
5. Android
6. angular js
7. react js
8. IOS
9. .NET
10. PHP

**Conclusion**

INDOOR SERVICES APPLICATION is a solution for the customer to get any services from a single mobile phone application. It will enhance the user experience to service providing application. Also, this kind of application will become a trendsetter for android development.

**GitHub Link**

**https://github.com/SnehUpadhyay/Capstone-Project.git**