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 Android based application which provide various services by booking at home services ranging from 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.

In current time, world is facing pandemic and finding services is lot more difficult then previous. This application will help in this kind of circumstances. User can get any service using single application and with proper precautions without leaving house.

Also, there are some features of application listed below:

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

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

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

**Design and Data Flow**

This INDOOR HOME SERVICES application will provide attractive and simple user interface which will help users to book their services. This application has multiple pages through which users will interact with application to book 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 user.

To store booking data, user information, service providers data, and other data we will use MySQL database.

**Technology Description**

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

MySQL database is easy to use with android application. Its light version is compatible with android device and work 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 solution for customer to get any services from single mobile phone application. It will enhance the user experience to service providing application. Also, this kind of application will become trend setter for android development.

**GitHub Link**

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