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# An Online Service Provider Application

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**ABSTRACT:** Now a days for any services like Plumbing, Electrical, Electronic, Mechanical, Pest Control, Mobile repair, etc, if any customer wants to use this type of services than they can go through a personal meeting or mobile call. It is difficult for customer to find any service in emergency at any time and place. So with this project we are going to develop website and android app which will help customers to find out solution for any problems related to Plumbing, Electrical, Electronic, and Mechanical, Pest Control, Home Paint and Machine Repairing service. The aim of project is to provide the services to the customers at reasonable rate. Our android application will provide a platform for all kind of house hold services at any time and place. Our project will also provide the facilities like security, ratings, availability etc.

The home service system is useful for everybody who wants to urge home services like plumbing, electronic repair, DTH repair and electrical maintenance. When an individual relocating from one area to a different because now a day's everyone wants to save lots of time and shot out their problems within time.

**KEYWORDS:** Android Studio, Firebase Database, Java

## I. INTRODUCTION

When someone need aid with small but major household tasks, the trouble arises when service skilled persons are unavailable or the trusted providers are impossible to find, who delivers consistently flawless service on instance.

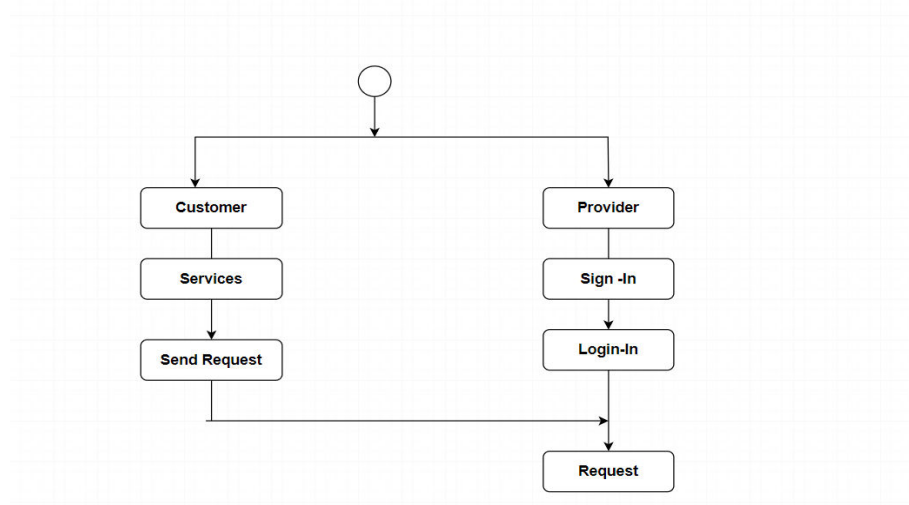
In this fast growing technology, we still have to take the appointment of person who solve the problems related to our daily life like plumbing related problem, mechanical problem, electrical problem, electronic problem, pest control etc. To take the appointment of service provider we have to call him or with the personal meeting we can meet him, and it is not sure that we get the appointment of the service provider at a time because there are many problems occur, like the service provider is busy at somewhere else or he is not present at his office when we go there or he wants heavy cost for fix the problem etc. We are not getting any service on time and also not proper changes of services. It is also not secure in terms of safety concern. To overcome these type of problem we are going to make our android application where the people get appropriate result.

## II. RELATED WORK

Traditionally, the digital home services have been provided separately by each service providers that have closed service delivery infrastructure for delivering home services. Because of this, small companies that do not have the infrastructure to deploy home services have difficulties in participating in the home network market. To solve this problem, we propose the digital home service delivery system that provides open service delivery platform that small business companies need to provide various home services to users. By using the proposed system, the service aggregator using the proposed system can lead competition of the 3<sup>rd</sup> party service providers in the home network service market, and help it grow rapidly.

## III. METHODOLOGY

The basic block diagram for implementation of the project is shown in figure which representing flow of application.



The on demand home service system is incredibly useful for everybody who wants to urge home services like plumbing, electronic repair, carpenter, mobile repair and electrical maintenance. When an individual relocating from one area to a different because now a day's everyone wants to save lots of time and shot out their problems within time with none problem. Therefore, online home services are very beneficial for people.

There are only two users in our system, first is Home Service providers and therefore the other may be a user. Home service providers have a crucial role within the project he/she can register with this application by mentioning their role and adds. The small about them by providing their contact number while the user can see an inventory of home services and get in touch with them as per their requirements.

The web home service project consists of the many categories and services as mentioned before. Users who are in need of services can look for service by mentioning the situation and requirements with details have to send request to providers . The service provider's therein particular locations are listed to user with contact number and therefore the provider can contact customer. By this customers or user can easily avail the needed home services with none difficulty and delay.

#### IV. EXPERIMENTAL RESULTS

In the below fig A User have to choose the option. If the user is a provider, then he/she have to login /register to the application for further processing.

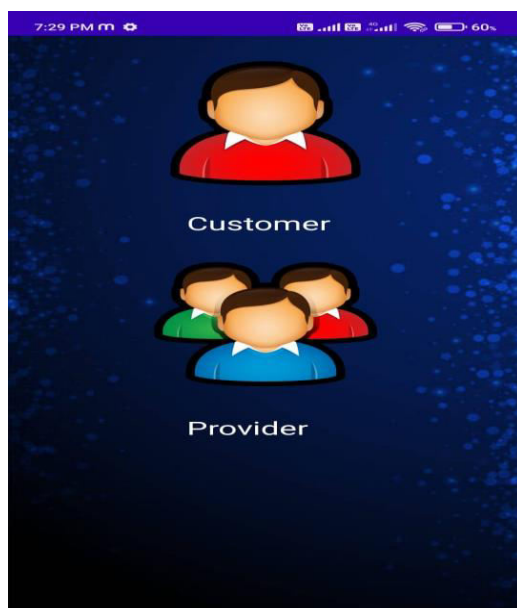


Fig. A

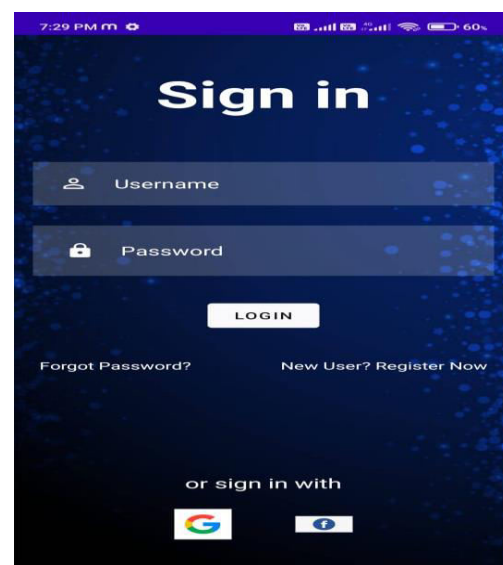


Fig. B

If the provider is new for the system, then he/she have to register to the application with his/her address, contactnumber, E-mail, service type etc. as shown in the fig. C and fig. D.

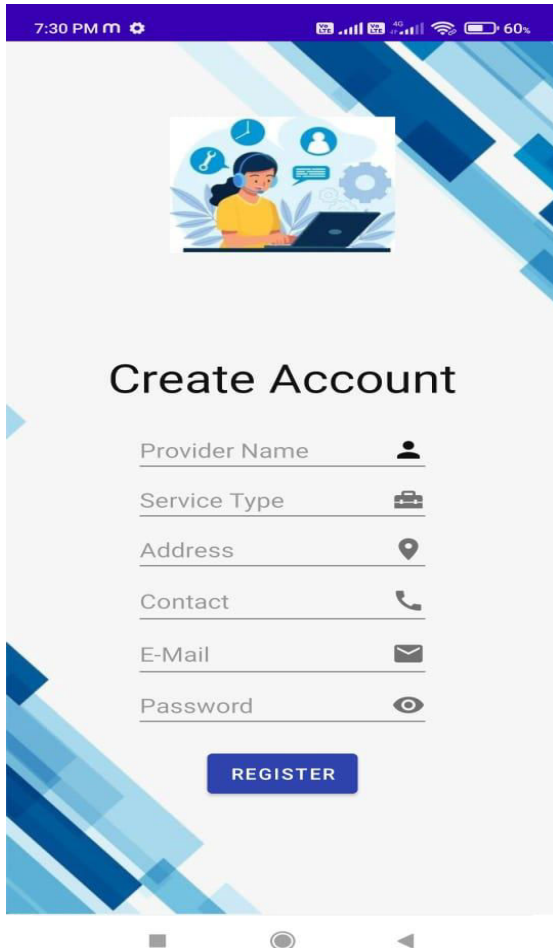


Fig C

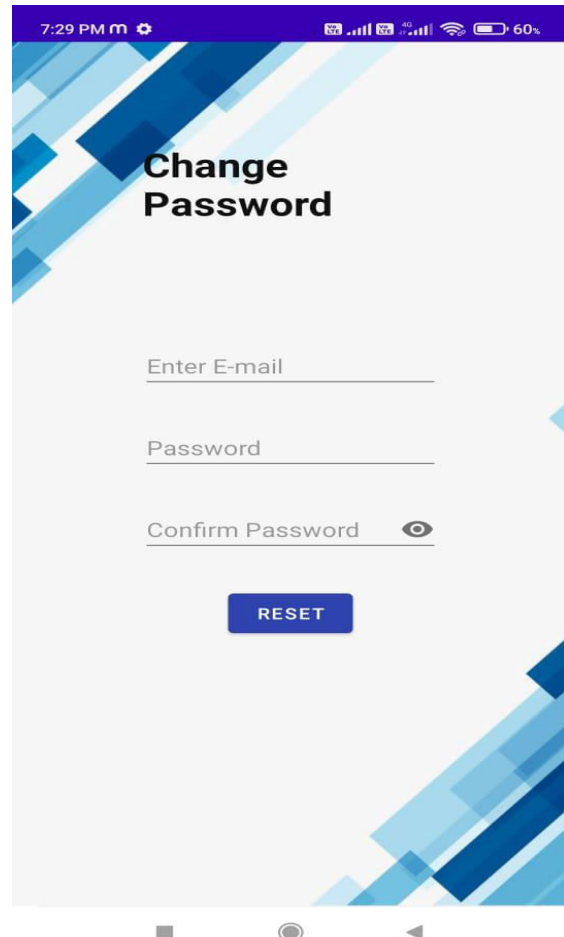


Fig D

When user enter in the application the customer have to choose the category of service which he/she have to required and send the request with his /her problem description as shown in fig. E and fig. F.



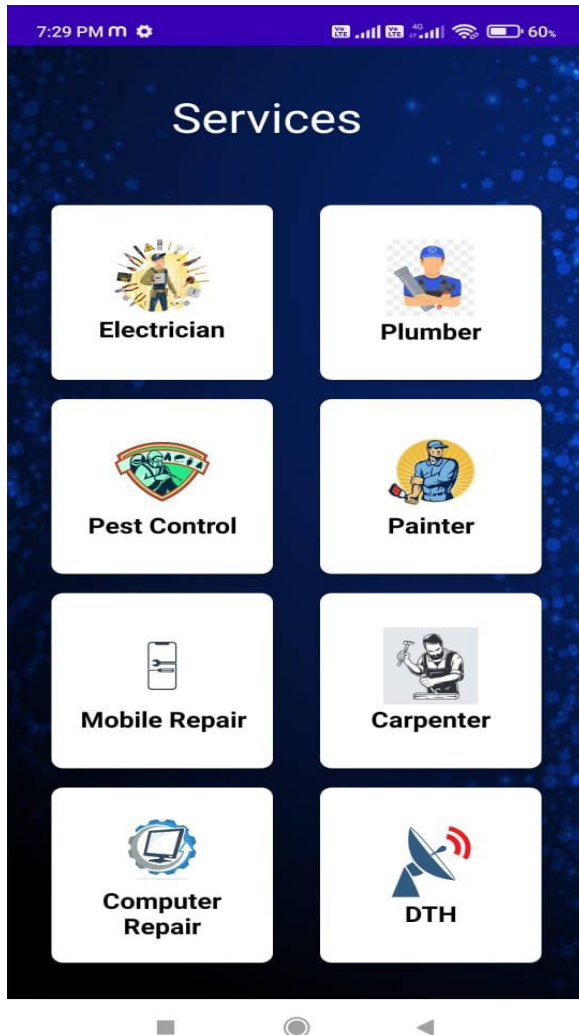


Fig E

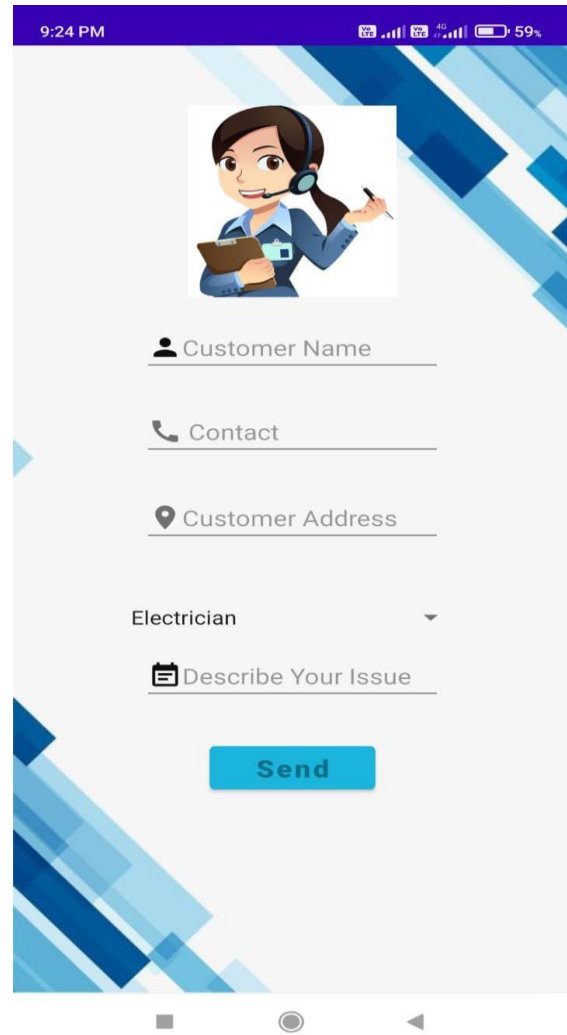


Fig F

#### IV. CONCLUSION

To reduce burden in finding in-house solutions for the services, the proposed system provides several services by providing service specialists at your doorstep in one click. A systematic mobile environment to system clients offers ease in accessing our services in a more comfortable way. With well qualified and background demonstrated professionals we make all your home cleaning, plumbing, furniture maintenance, electrical works, appliance repair, house painting, vehicle service and many other services to be done in a click anytime from anywhere as easy as available.

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