



De-Centralized Cross Platform Cloud Portal for Resource and Service Discovery

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ABSTRACT: The point of this venture was to outline and make a PC program that gives simple connection to the online Service Application. This Application enables the client to see distinctive Services, send inquiry for specific Services and get reaction for it. What's more, it permits Service Providers to transfer and deal with their Services, get questions of client and send them reaction. The application is basic, easy to understand and secured. The arrangement is intended to execute a few database administration procedures and was principally assessed by its capacity to exchange information quickly, keeping up secure exchange and simple communication. The last outcome is at Android program, which gives offices at a case. It has numerous specialized components and the tenets are genuinely basic. This straightforwardness settles on it a decent decision for taking in another program condition. It covers a scope of regions (information displaying, some coding challenges, UI, and so forth.) yet none excessively troublesome.

KEYWORDS: Smart phone, Android application, Wi-Fi, Android Mobile, Dynamic database.

I. INTRODUCTION

In the present current, modern and quick world, Online Service App have turned into a medium of correspondence among the web clients. Toward one side it is educational and on the opposite end it is helpful and savvy. Online Service App are best and demonstrated market champ in current tremendous aggressive business period. Nobody can overlook such an effective medium in completely changed market condition. Online Service App is accessible to fill in as your online commercial center, which gives following advantages: Online Service App offer basic answers for your Service App publicizing needs. Promote your item, organization or administration to a tremendous gathering of people Build thought, mindfulness, and purchaser reaction Customize Services to fit individual or organization needs Convenient and simple to utilize Online Service App website gives diverse classified Services. It additionally enable client to transfer their Services. Online Service App permits two sorts of enrollment: User enlistment in which Client can get possess account id to associate with Service suppliers and Service suppliers enlistment Client can enlist themselves as Service suppliers who can transfer Services

II. RELATED WORK

EXISTING SYSTEM

There is a current framework by name "FacilityKart" a portable application, which is like the application "Local Android Application for Home Services". This application gives the accompanying administrations: Home Cleaning, Laundry Services, Driver on Demand Services, Carpet Cleaning Services, Sofa Cleaning Services, Pest Control Services, Electrical Services, Plumbing Services, AC Services, Carpentry Services, Car Spa, PC and Laptop Repair, Refrigerator/Microwave/Washing Machine Services, and Home Painting [1].



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WORKING OF EXISTING SYSTEM

The client needs to choose the administration write from the different administrations that are given in the application. The client must determine the date and time for the administration to be executed and entryway step benefit is given according to the clients' data given in the application.

III. PROPOSED SYSTEM

OBJECTIVE

- A. Complete database management system.
- B. To increase efficiency and accuracy of proposed system.
- C. To improve the security management.

ADMINISTRATOR MODULE

This module provides administrator related functionality Administrator manages all information and has access rights to add delete, edit and view the data related to the bookings made etc[1].

SERVICES MODULE

This module provides the details of various services that are available. A user can select the appropriate service they wish to have, depending on their convenience and location[1].

USER MODULE

This module provides information related to various service that are being offered. For each service, the application allows the user to select the date and time for the service[1].

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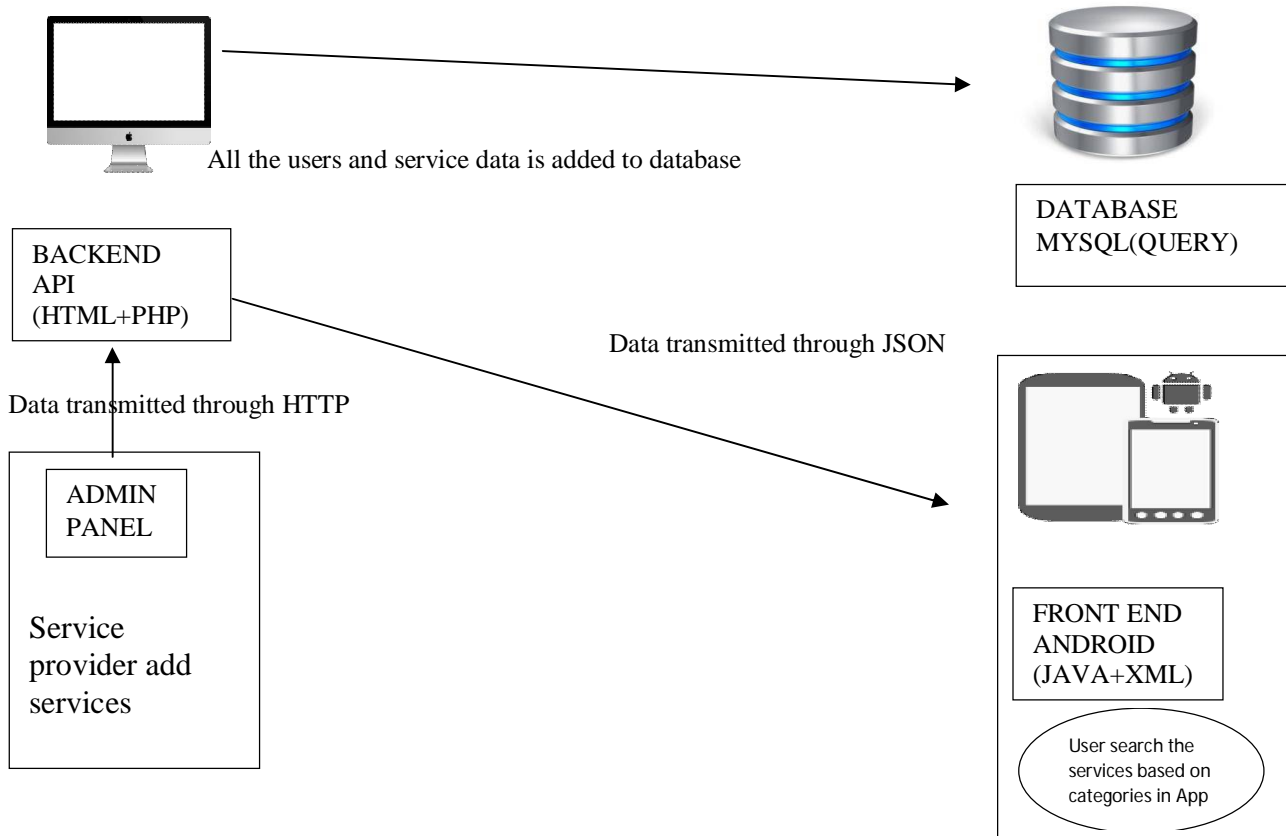


Fig. 1: Proposed system architecture.

IV. METHODOLOGY & DISCUSSION

The disadvantages in the current framework have been overwhelmed by executing GPS (Global Positioning System) benefit. Client and Service Providers need to enlist on this application. Once the client determines his demand for benefit, the clients' area is brought utilizing GPS (Global Positioning System) that brings the scope and longitude. In light of his present area, the application will endeavor to discover the closest specialist organization by bringing the scope and longitude of the specialist organization, and afterward the closest specialist co-op is designated to the asked for client by sending SMS (Short Message Service), to cook the clients' demand[13].

V. FUNCTION AND PERFORMANCE

When client connect to Module, he/she ready to see Services/Services from various classification when a specific Service is chosen, client can see the depiction of those Services. User can ready to send a question to Service suppliers for specific Services and get reaction for that inquiry. Client can likewise spare Services according to his/her advantage. When client/Service suppliers are signed in to the Module, session is set up and expelled as client is logged out. User/Service suppliers can refresh individual points of interest after signed in to Module. Service suppliers can transfer Services as per accessible distinctive show designs, just on the off chance that he/she has dynamic plan with adequate adjust and can oversee them. Specialist organizations can buy new plans and get data about current status of plan. Specialist organizations gets questions from client and gives them reactions for that inquiry. The overseer can refresh databases as need emerge, and can see client points of interest, Service suppliers' subtle elements and his/her

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plan subtle elements, inputs, and so forth. The chairman can ready to transfer and oversee Services benefit of Service suppliers.

VI. EXPERIMENTAL RESULTS

Along these lines by concentrate the imperfections in the current framework and proposing another arrangement, a continuous Android Application has been fabricated utilizing the innovations specified and named it as "All Services". Following are the critical screen shots of the created application on Android Platform.

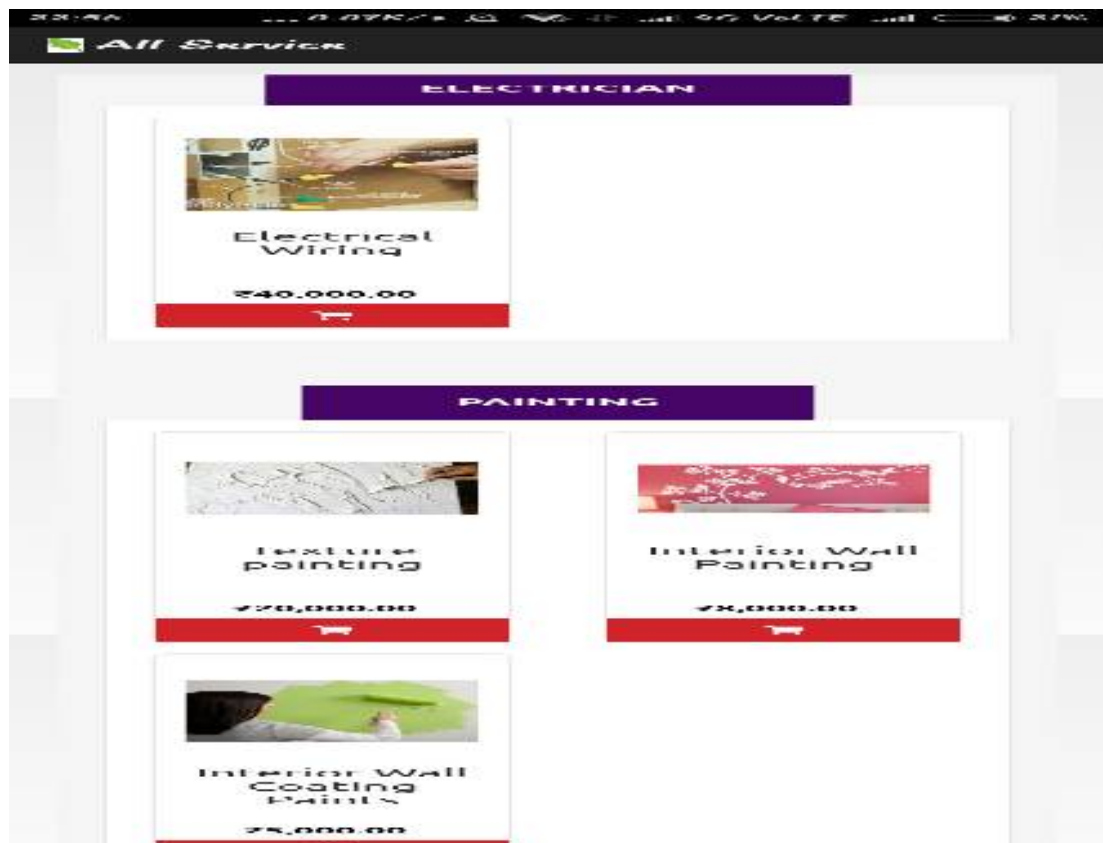


Fig.2: Category Page.

Category page show the rundown of administrations accessible in the application. The client can choose the any one the administration in view of there require. It also helps us to understand about the various services.



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23:03 0.10K/s 4G VoLTE 53%

All Service

VENDOR REGISTRATION

Already A Vendor ? Click To [Login As Vendor](#) ! Not A Member Yet ? Click To [Sign Up As Customer](#) !

NAME

DISPLAY NAME

EMAIL

PASSWORD

CONFIRM PASSWORD

COMPANY

ADDRESS LINE 1

ADDRESS LINE 2

CITY

STATE

COUNTRY

ZIP

I Agree With [Terms & Conditions](#)

Register

Fig.3: Vendor registration page.

Vendor should register in this page. Once the vendor has been registered in this segment Service suppliers can buy plan to transfer their Services. Specialist organizations can transfer and oversee diverse Services specifically scheme. Service suppliers can get inquiry from client and ready to give reaction as well. Specialist co-ops likewise ready to see his/her plan record that contains data like what number plans are there what number of Services are transferred specifically plot.

VII. CONCLUSION AND FUTURE WORK

It is presumed that the online administration application will lead the client the usability contrast with other administration applications and lead the clients to look through the administration and the specialist organizations in light of the area and specialist organizations points of interest which makes the clients association with the specialist co-ops the nearby. In which client may straightforwardly contact the specialist organizations and get their administrations and issues get illuminated. Besides the specialist co-ops client this administration applications for their business advancement getting huge number of clients close by with a solitary touch. This application can be additionally upgraded by permitting the clients of the application to relocate to another area on the maps. This office can be utilized by the client on the off chance that if the client needs the administration demand to be expert at another area than his present area. For this there is a need to coordinate the maps into this application. Another valuable improvement can be made by giving more administration writes to the client. In conclusion, since this application is fabricated just for the Android clients, this application can likewise be actualized for other stage like iOS and Windows.



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REFERENCES

- [1] Facilitykart: Is India's most trusted hyper local aggregator for handyman and Home need services like AC, RO, Home Appliances, Electrical, Plumbing, Carpentry etc. Available: <http://facilitykart.com>.
- [2] "A customizable Wireless Food Ordering System with Real time Customer Feedback", IEEE 2015.
- [3] Gisela T. et al., "Developing an Android Based learning application for Mobile devices", EATIS '12 Proceedings of 6th Euro American Conference on Telematics and Information Systems. ISBN: 978-1-4503-1012-3.
- [4] Mohamed Salman and Jayavrindavrindavanam, "Efficient Interactive Control System based on GSM", International Journal of Latest trends in Engineering and technology (IJLTET).
- [5] Wallace McClure, Jonathan Dick and Chris Hardy, Professional Android Programming with Mono for Android, Wrox Publication.
- [6] Dr. Ashok Talukder, Ms. Roopa Yavagal, Mr. Hasan Ahmed: Mobile Computing, Technology, Applications and Service Creation, 2nd Edition, Tata McGrawHill, 2010.
- [7] Pradeep Kothari, Android Application Development DreamTech Press.
- [8] Wallace McClure, Jonathan Dick and Chris Hardy, Professional Android Programming with Mono for Android, Wrox Publication.
- [9] Dr. Ashok Talukder, Ms. Roopa Yavagal, Mr. Hasan Ahmed: Mobile Computing, Technology, Applications and Service Creation, 2nd Edition, Tata McGrawHill, 2010.
- [10] Android SDK: A software development kit that enables to create applications for Android platform. Available: http://www.webopedia.com/TERM/A/Android_SDK.html
- [11] Eclipse: Is famous for Java Integrated Development environment. Available: <https://eclipse.org/ide/>
- [12] MySQL: Is an open source relational database management system (RDBMS). Available: <https://en.wikipedia.org/wiki/MySQL>.
- [13] Domestic Android Application for Home services