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# Android Based house Hold Service App

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**ABSTRACT:** In present scenario, people are buried up in a heavy work culture, as everyone is engaged with busy schedules, and hectic tasks which make them deviate from family life. If any issues encounter unexpectedly, it distracts them and makes them choose over the work they have to accomplish primarily. It is important to manage both professional and family life. In such circumstances, every one of us would have fantasized about a kind of house which doesn't have any leaks in pipes, if it doesn't have any mess in fixing a furniture and a kind of house which never face any maintenance issues and every one of us have thought that a life would be much better if no point of issue arises in getting a service at your door step and if there is no mess in bargaining a labor for home service. In such situation 'e-Commerce plays a vital role in today's life as it has so many advantages in our life because it makes convenient in daily life of the people.

**KEYWORDS:** INTERNET OF THING (IOT), Smart Cities ,human disabilities

## 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. Our online system for household services provides the most expedient and annoys free way to get your domestic work done. We aim to help in providing optimal solutions to all your household troubles with more efficiency, ease and majorly, a delicate touch. A single click system describes booking highly skilled in-house professionals and gets your servicedone on time. Customers' overall willingness to pay is significantly and positively correlated with the expectation that fee-based services would be better, and with the belief that "pay for what you get" is the right thing to do [2]. Keeping that in sense our proposed system is basically a marketplace for household services and it is the platform where the rates were standardized and there is no necessitate haggling over prices. Several aspects like painting, pest control, home cleaning, plumbing, electrical works and carpentry services are involved in a system to provide happy and healthy home atmosphere in order to satisfy consumers.

## II. LITERATURE SURVEY

There are many online home service systems in existence which are discussed briefly in this section. Urban Pro is the framework which initially began their online help for connecting the scholars with the mentors, trainers and institutes [1].

This was one among the explanations for the emerging of providing the web domestic services. Time saverz is one among the web home service system where the customer has given rewards for the services offered and a refund if the customer isn't satisfied with the services. This service is provided in Delhi, Noida, Gurgaon, Hyderabad, Bangalore, Pune, Mumbai and Chennai [2].

Urban Clap has provided various innovative services. But they have provided those services especially places like Mumbai, Delhi, Chennai and Bangalore. This technique served as a pathway for quite 10,000 professionals. Helpz is that the one stop solution for all the domestic services. This technique provides all the required services that have been demanded by the purchasers whenever required or on the annual maintenance basis with yearly charges [3].

## III. PROBLEM DEFINITION

Registration Module Customers who want to avail our services are invited to register for a free account in our portal with few simple steps, by providing valid credentials a customer is requested to confirm account creation. Once they are done with registration, a confirmation mail about a new account with verification link is directed to the Email-id provided. Now a customer is free to use our services when they are done with account verification. When customers

want to schedule a service, they can do it by logging in to their account. The portal is specialized with an interactive user interface which provides attractive way of booking a service, where customers are requested to provide the details about the services required. If required customers are asked to upload the pictures of their particulars, if they are confused with any of the services. When done, the request is submitted and it is directed to payment page for the payments to be done.

#### IV. PROPOSED SYSTEM

The Proposed system involves three actors which include a Admin, Service provider, and a Customer. Admin has the beginner rights to access and modify the website where he/she needs to login to do so. Then next to admin comes the customer who wants avail our services should precede with the registration and login process. If required a customer can upload a file that describes about the services. Once the request has been done then he can forward it to payment process and to confirm service after the service has been done a customer can rate the service. And in worst case if the customer is not satisfied with the service they can move with the return policy process. At last a service provider who is the one who provides a service, where they should also go with the registration and login process and they should proceed with files uploaded and once the service is confirmed they are intimated to provide the service and when done after service if the customer is unsatisfied with it based on the customers review if required they should provide the re-service.

#### Algo Steps:

- Step 1: User and service provider Creates an account
- Step 2: User Logged in.
- Step 3: Add pic and description.
- Step 4: Service provider log in.
- Step 5: View the user request
- Step 6: Accept the request.
- Step 7: User accept the service
- Step 8: Admin check the queries if any.

#### V. ARCHITECTURE DIAGRAM

**Input:** User have to upload the pic of any household item. Vendor will see the pic and contact user.

**Output:** Vendor or User will get customer or household service.



#### VI. CONCLUSION

The online household services application provides some of the home services which are most frequently used. This system accommodates the changing needs of the end user. The overall system can be designed so that its capacity can be increased in response to the further requirements for which the application provides an appropriate



service overseas. Further this application can be prolonged by merely adding up the required services and additional payment systems. For example, the current system provides the following services such as home painting, home cleaning, packers and movers, plumber repair and service further the system can be extended as per the requirements of the user. The system can have prolonged by adding the services such as mobile and computer repair, laundry services, catering services and many more. The discussion payment methods our system has, for example currently system has online payment by only MasterCard users further it can be extended by adding the payment services for visa users also.

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