Smart Home Service

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A B S T R A C T

The Smart Home Service System especially useful for everyone who want to need like plumbing , electronic repair , gas repairing , electrical maintenance .When an single relocating from one place to another because now a day's everybody wants to save lots of time and shot out their problems. Therefore, Online Smart Home Service is very easy and beneficial for people. There are three users in our system, First is Home service provider, admin and Customer (User). Home Service Provider have a critical role within the project he/she can register with this website by mentioned there role and adds. The Smart Home Service Project Consists of the many categories and services. Customer who in need of services can register with this web site and look for service provider by mention his problem. The service provider's in that particular location are listed to customer with contact number and therefore the customer can contact them. By this customer can easily available the service without any difficulty [1].

Keywords: Services, Customer, Registration.

1. INTRODUCTION

When the users required assistance for domestic tasks, the problem occurs due to unavailability of service skilled or a honest provider who provide good service on request. Our smart home service systems provide the topmost acceptable unlimited approach to need your household work finished. This technique helps in providing final result all or any other domestic issue with high success and comfort. The system helps in master in-house experts and get service will be done quickly. On demand smart home service system supports not only the user but also the service providers to success in out the customers. To fulfill the customer requirements, the system provides various services like plumbing, electronics repair, gas repairing.

The main objective of the on demand smart home service is providing the home services by the one click. This paper discusses about the smart home services. Smart home service system are frequently accessed by registered user to appear for household services through an perceptive web application. The outcome of smart home system helps in determining household services. The system also acknowledges the conformation of services chosen by user .

2. LITURATURE SURVEY

In the research work, there are many smart home services in existence which are discussed in this section. Smart home service system is attractive due to its various benefits. Smart home service system refers to the control of home devices and domestics property by local networking or by remote control. Expert system provides us the structure to go real time decision and automation for internet of things (IOT).

The work deals with discussion about different brilliant smart home service system and technologies from a various feature viewpoint. The work focuses on concept of home automation where the monitoring and control operations are facilitating through smart devices installed in apartment building.

Various smart home service technique has a technologies consider in a review with central controller based and web based [2]. The research carried the network interchange and control of home devices from remote areas using home networks. These designs include committed web server, expansive database and a user friendly web page to manage the smart devices [3].
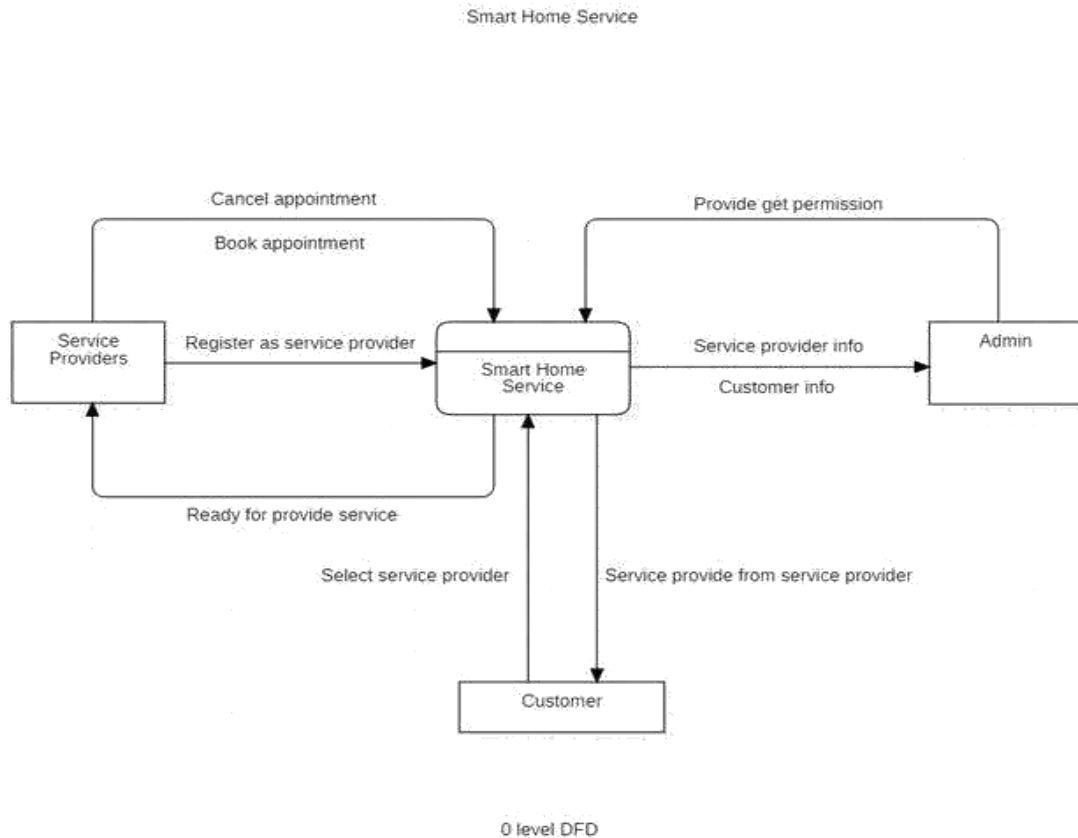
3. PROPOSED SYSTEM

Our proposed work is a web application development as a front end SQL server as back end to help the user in getting the necessary services like plumbing, electronic repair, gas repairing. Home service providers can registered with this website and add their details with contact number. Customer can register with this website by providing the fundamental details like a name, address, mobile number and mail id. After this they can login by providing their user name and password to make use of the needed services.

Customer can look for service provider by mentioning the location. When the customer needs a particular service, they can send a request. The request send by customer is received by the admin. The admin take action as the mediator between the service provider and the customer. Admin contacts the provider and he sends the status of the requested service to the customer through mail. This helps the user in obtain their services without any delay and need not depend on any one to know the service providers. The user can post there unfairness and feedbacks about the offered service.

The reviews that are posted can be viewed by the admin and the required action can be taken over the objection. If the user has any queries and then it can be raised by the customer via chat bot. The smart home services consist of login for user, service provider and admin. When the customer log in with his authorization they can able to search the service and get better from the database.

When the service provider log in with their authorization they can able to add and view the service. Once the service is added it is reserved into the database and it can be recover when the service on to be viewed. The admin has the right to add the service provider and he can able to view the details of the customer.

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EXISTING SYSTEM

The existing systems contain small print of the service providers which may be viewed by the user who required the household service to be done. The system provides the service like plumbing, electrical services, gas services. User can view the services through the system and that they can contact the actual provider to need the services. The user has got to register to utilize the service that's provided by the system. The system react because the mediator between the user who is in need of services and therefore the provider who offers the service. Within the present system, the users can only ready to get the small print about the service providers they are doing not have the choice to register for the services required an therefore the follow of such services. Users can give the feedback about the services that was provided to them. Existing system has following modules:-

1) ADMIN MODULE –

This module provides the performance that is related to admin. Admin control all data about the service and they have the right to edit the data in regard to the details of the providers.

2) REGISTRATION MODULE –

Customer who want to benefit the solution are requested the registration process is done, permission mail about a new account with conformation link is sent to the email id that has been provided by the customer during registration. After this process, the customer is accepted to use our services once conformation of account is finished.

3) USER MODULE –

This module gives details about the services that are provided. For the services that has provided, the customer can ready to approach the address of the service provider. The customer also can marker the services then they will ready to field of vision the services whenever they have.

4)   FEEDBACK MODULE –

Customer can able to give their feedback and objection as regard the services that has been provided and about the service providers. Based on the unfairness and thinking that have receive from the users, admin can take the need working.

4. CONCLUSION

To decrease the charge in locating Automatically Programmed Tool (ATP) service providers this application provides the particular data which helps the users to get their services realize immediately. Disparate the other application, the application contains of the chat bot which assist the customers to purify the queries posted. Thus, this application seems to be livelier than the induce system.

REFERANCE

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