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A SMART SERVICE PROVIDER WITH GPS ACCESS

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ABSTRACT

Now the world is running under theinfluence of various applications of informationtechnology. One of the most popular applications developed in IT is E-commerce. 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 anymess in fixing a furniture and a kind of housewhich 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's E-Commerce plays a vital role in today's life as it has so many advantages in ourlife because it makes convenient in daily life of thepeople. So, giving a thought to that aspect of life isto design and develop a system that provides many services at your doorstep in just one click. A System that provides variety of services like plumbers, repair persons, cleaners, electricians, painters, taxi service laundry and many more. To make it comfortable for all the users our system also provides a mobile environment which offers ease in accessing our services. A very simple process is carried out to book a service(s), and People can choose the service and get the service providers who are nearer to him and has highest rating. System is versatile as service can be booked from everywhere to anywhere you desire.

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 mostexpedient 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 service done 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.

1.1 EXISTING SYSTEM

In general, when someone need aid with small but major household tasks, the trouble arisesthat where the skilled persons are available and thetrusted providers are impossible to find, who delivers consistently flawless service on instance.

DRAWBACKS OF THE EXISTINGSYSTEM:

- It is a time consuming process.
- User Should search for the skilledservice providers.
- Sometimes we cannot find people whoare nearer to us.

PROPOSED SYSTEM

It is not known when we require a service and sometimes we need the service providers immediately. And it is difficult to find the nearest provider. So our project gives an Interface for having the nearest Service Provider Location and details of the provider. The System also gives the details of all the nearest service providers. And our project helps the customers to book their appointment get the service

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ADVANTAGES OF PROPOSED SYSTEM:

- Less processing time.
- Customer can get the service to his doorstep.
- Customer can get the Nearest ServiceProviders
- Service Providers get the benefit byRegistering.

II.METHODOLOGY

In Service User Perspective:

III MODULES DESCRIPTION:

In the flexibility of the uses the interface has been developed a graphics concept in mind, associated through a browser interface. The GUI'S at the top level have been categorized as

1. Administrative user interface
2. The operational or generic user interface

The modules involved are

1. Administrator
2. Service Users
3. Service Providers

Administrator

Administrator is the chief of our system. He can have all the privileges to do anything in this system. Admin can keep data about all the customer details. He can have the details of all the services and service provider details.

Users:

Users can sign in to the system if he is a new user. Otherwise, he can directly login to the system. After login he can view the services and select the service provider and book the service.

Service Providers:

Service Provider can add his service by signing in to the system if he is a new provider .Otherwise, he can directly login to the system. After login he can view the bookings and his feedback.

IV.SCREEN SHOTS

Home Page

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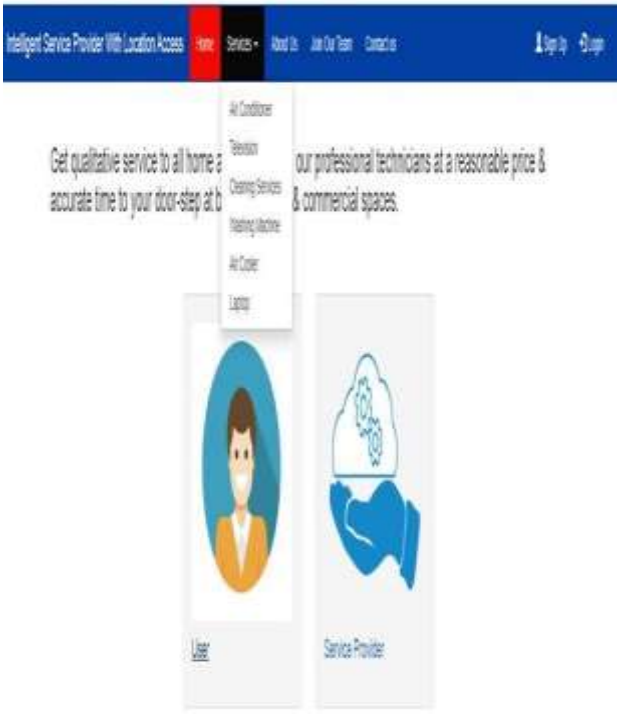
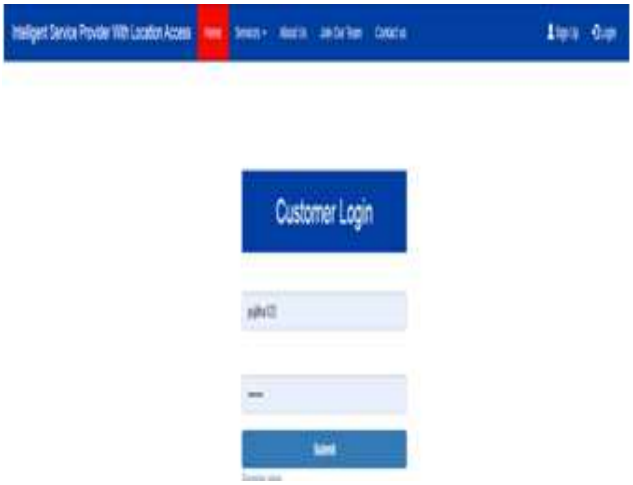
Customer Registration Page





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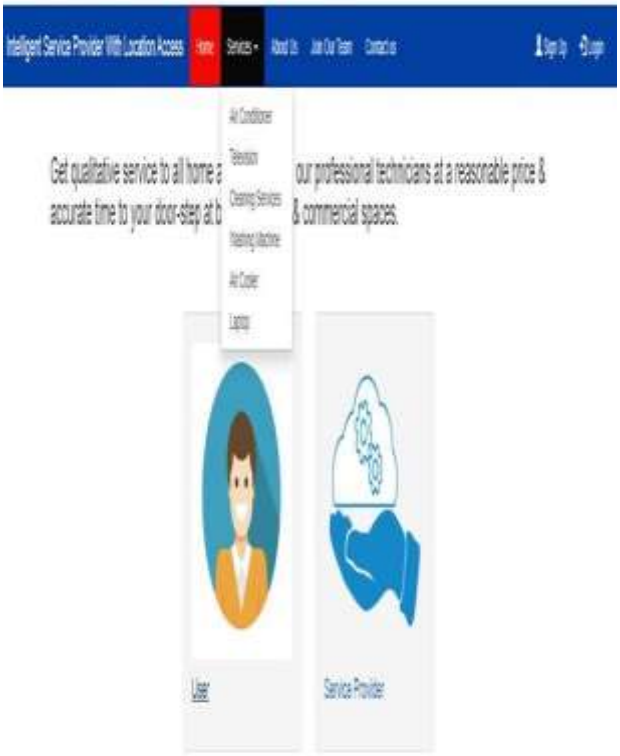
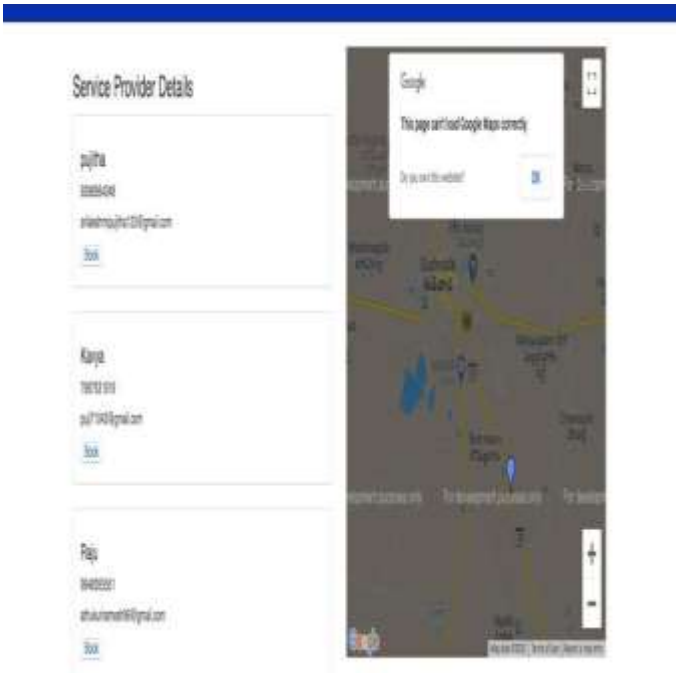
Service Provider Login Page

Services*:*
Login Page:



Service Search Page

Service Provider Details



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Booking a Service:

Service Provider Page:

IV. CONCLUSION

In today's life, people are busy with their hectic schedules, That's why we offer service to yourdoor-step."A Smart Service Provider with GPS Access" provides you loyal service to all home services. In order to use our services customer should register and login to our website. Then the customer can be able to search for his services. We provide the details of service providers who are nearer to his location. 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, vehicle service and many other services to be done in a click anytime from anywhere.

V. FUTURE SCOPE

The "A Smart Service Provider with GPS Access" 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 thefurther requirements for which the application provides an increased in response to the further requirements for which the application provides
an appropriate service overseas. Further this application can be prolonged by adding more required services and payment systems. For Example, the current system provides thefollowing services such as home painting, home cleaning, plumber repair and service further the system can be extended as per the

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requirements of the user. The System can have prolonged by adding the services such as laundry services, catering services and many more. This application can also prolonged by implementing it in more locations. And the application can also be implemented as an App in future which makes access easy to the users.

REFERENCES

1. *Shahrzad Shahriari, Mohammadreza Shahriari, Saeid gheiji. " ECommerce And It Impactson Global Trend And Market".International Journal of Research – Granthaalayah. Vol.3 (Iss.4): April, 2015.*
2. *L.RichardYe, Yue Jeff Zhang, Dat- DaoNguyen, James Chiu,"Fee-based online services: Exploring consumers'willingness to pay ". Journal of International Technology and Information Management.*
3. *Chenggang Zhen,Peng Cheng. "Construction of campus trading platform based on third-party online payment " 2nd International Conference on Industrial and Information Systems,IEEE,2010*
4. *Addison, D. (2001). Free Web access business model is unsustainable in the long term, Marketing(August),9-10.*
5. *G.M. Djuknic and R.E. Richton, "Geolocation and Assisted GPS", IEEE Computer, 2001, pp. 123-125.*
6. *Arora and A. Ferworn, "Pocket PC Beacons: Wi-Fi based Human Tracking and Following", Proceedings of the 2005 ACM Symposium on Applied Computing SAC'05, ACM, New Mexico, 2005, pp. 970-974.*
7. *H-C Wang, J-C Lin et al., "Proactive Health CareUnderpinned by Embedded and Mobile Technologies", Proceedings of the Fourth Annual ACIS International Conference on Computer and Information Service, IEEE Computer Society, 2005, pp. 453-460.*
8. *A. Applewhite, "What Knows Where You Are? Personal Safety in the Early Days of Wireless", Pervasive Computing, IEEE, 2002, pp. 4-8.*
9. *S. Morris, A. Morris and K. Barnard, "Digital Trail Libraries", Joint ACM/IEEE Conference on Digital Libraries, Arizona, 2004, pp. 63-71.*
10. *U. Hengartner and P. Steenkiste, "Access Control to People Location Information", ACM Transactions on Information and System Security, 8(4), 2005, pp. 424- 456.*
11. *Robson, C. Real world research, Blackwell Publishing, Melbourne, 2002.*
12. *K. Michael, A. McNamee, M.G. Michael et al. "The Emerging Ethics of Humancentric GPS Tracking and Monitoring", International Conference on Mobile Business, IEEE, Copenhagen, 2006, in press.*
13. *R.A. Clarke, "Information Technology and Dataveillance", Communications of the ACM, 31(5), 1988, pp. 498-512.*
14. *M.G. Michael, "Consequences of Innovation" in IACT 405/905 Information Technology and Innovation, Unpublished lecture notes in the School of Information Technology and Computer.*