Online Home Service Provider

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Abstract- *- The Project is Entitled as "Online Home Service Provider". The project is a web application built in Asp.net with C# as the language. The main objective of the project is to provide doorstep services to our users by finding the nearby service provider from their location. The basic requirement of a person is finding the service provider for their household works like cooking, gas repairing, plumber, Electrician and many more. Our web application provides this services to the user online. Our Service providers include Gardener, Computer repairs, Electrician, Plumber, Cook, Gas repairs, Pest Controls, Maids and many more. The service provider has to get register in our web application. The user can search for the services he/she requires in the search box. The list of nearby service provider is generated. The user can now select the appropriate service provider of their choice and can contact them.*

The main aim of the project is to provide online home services to the users. The web application generates a list of nearby service provider when the user search for the services and this requires to access location of the user. The users may include residents, an institute, an organization etc. The service provider has to register themselves in our web application and the users can only see the registered user. The user needs to be connected to the internet while using our web application. Our project provides ease of communication between user and service provider.

Keywords- General, Home, Online, Provider, Service..

I. INTRODUCTION

The project is entitled "Online Home Service Provider". This is a web application. The web application is built in Asp.net. In today's world the basic requirements for residents is finding the services easy and fast. The main objective of the application is to provide a platform to the idle service provider and making it easy to the user to find the services near them. Online Home Service Provider is a web application that allows you to search for the services online near you and can contact the service provider of your choice. Our service provider includes Plumbers, Electricians, Pest Control, Gardener, Cooks, Maids, Gas repairing and much more. These service providers are not found easily. Online Home Service Provider provides a platform to these service provider, where they can get registered. Through this web application, one can

easily search for the services he/she wants and can find these service providers and can contact them. The web application provides best quality services at user's doorstep and also provides servicers as per user's area of need.

The main purpose of the project is to provide a platform to the service provider to come online. Through our web application it becomes easy to find the services online and contact the respective service provider. The web application provides ease of communication between the user and service provider. The web application consists of number of basic services and service providers. The application indirectly promotes any service provider that is registered in our web application. The application allows the user to give the reviews to the service providers and rate their services. Through this one can easily choose the best services as per their need. The purpose is to help the idled service provider to get the work and earn their livelihood. Our simple purpose is to provide basic help to a person when needed.

II. LITERATURE REVIEW

According to the survey on the project it was known that there are many applications that provide home services and many people take the help of internet to find service provider. Most of the people search online for home services for all their daily needs. In modern world people find it difficult to get basic services at their doorsteps when required. Besides this there are many service providers that are idle and are in search of work. Online market provides an opportunity to these service providers to get work and earn. To connect such service providers to the residents and house owner many applications are there where user can easily search for an service can get the details.There are many startups on home services online. Top startups are Urban Clap, House joy, LocalOye, Zimmer, UrbanPro, Helpr, Frapperz, GetBlu. All these startups provide online marketplace that allows a service provider with residents and home owner. The startups provide services to the individual residents and house owner as per their request. Top known startup is Urban Clap. Urban Clap helps a user to find to decorate home, get candid pictures at wedding, getting doorbell repaired, planning a birthday party and more.

As there are many advantages of these applications each of them as some cons which is to be overcome. Urban Clap provides many services to their customer. Going through the

review of Urban Clap one of the review is stated as" I had booked an appointment on 25 Dec for "salon at home service" for 28 Dec considering New Year rush. On Dec. 28 the girl came till our security gate but returned without informing me and didn't take my calls for nearly an hour. Spoke with three different executives with same promise "Within 30 minutes you will get a call and service confirmation for Dec 29. Made two more calls on Dec 29. After an executive(Ankush) tried his best to convince me it is my fault I don't take their calls' I was told we forgot to inform you we are unable to service your request as all slots are taken please book yourself. Seriously! You can spend a bomb on advertising and fake reviews and not on quality service. Wishing you terrible losses and debts in New Year! Happy 2018:)An update UrbanClap did contact me to say "We cannot help you".

Please post such updates publicly for everyone to see how you are helping your customers." As per the review it is clearly seen that these applications help but there are many other problems. The customer doesn't get the good quality services and the time management is not at all there. When a customer search online one of the biggest issue is quality. There are very less trustworthy organizations which provides good quality products and services.

Online home service provider is one such web application that provide basic home services to the user for their daily needs. The main aim of the web application is to provide good quality services to the users. We provide services which are value for money. Proper time management is our target and we will try to achieve it fully. Online home service provider provides a platform to idle service provider to get work. It provides its users best services and nearby services. It provides review of each service provider so that user can select their own service provider as per their choice. Online home service provider provides many services such as Gardener, Electrician, A.C repairing shops, Plumber, Carpenter, Gas repairing shops, Maid, Cook, Sweepers, Party Planners and many more. It provides direct contact of customer and service provider. Online home service provider provides transparency. It can be said that Online home service provider is an online marketplace which connects and provides transparency between user and service provider. For an user living independently online home service provider make it easy for him/her to find services near them and interact with the service provider. Thus, online home service provider is an easy and effective way to find services online. Our main aim is customer satisfaction. Online home service provider manages time, provides best services and good quality products and provides trusted service providers. It is an web application which is very useful, user-friendly and cost effective. The services and service provider we provide are trusted and are from trusted agencies.
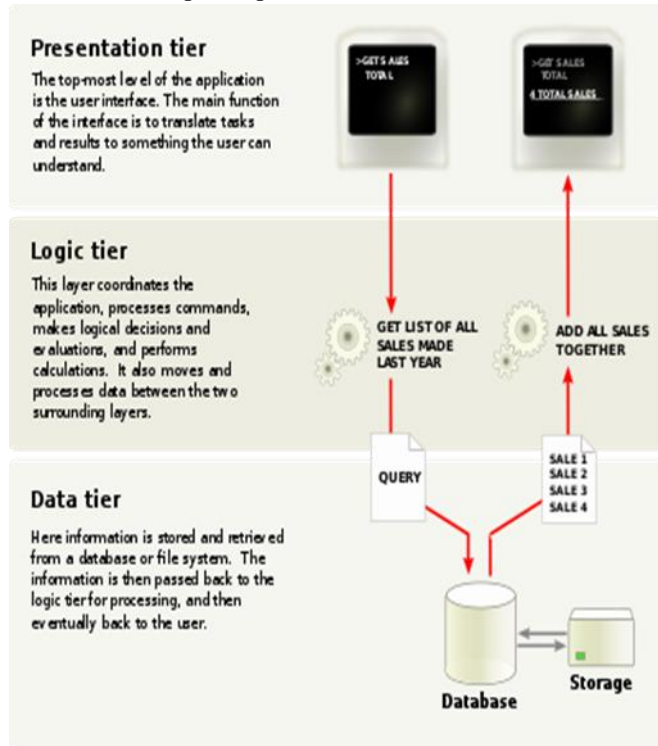
III. METHODOLOGY

Online home service provider is a web application built in Asp.net with C# as a language. It will work on browser using internet. We use .Net framework to build our project. .Net framework is a software development platform developed by Microsoft. The framework was meant to create applications, which would run on the Windows Platform. The first version of the .Net framework was released in the year 2000. The version was called .Net framework 1.0. The .Net framework has come a long way since then, and the current version is 4.6.2. The .Net framework can be used to create both - Form based and Web based applications. Web services can also be developed using the .Net framework. The framework also supports various programming languages such as Visual Basic and C#. So, developers can choose and select the language to develop the required application.

The technology used is ASP.NET. ASP.NET is a web development platform, which provides a programming model, a comprehensive software infrastructure and various services required to build up robust web applications for PC, as well as mobile devices. It is a web application framework developed and marketed by Microsoft to allow programmers to build dynamic web sites. It allows you to use a full featured programming language such as C# or VB.NET to build web applications easily. It is an open source web framework for building modern web apps and services with .NET. ASP.NET creates websites based on HTML5, CSS, and JavaScript that are simple, fast, and can scale to millions of users.

The software used is Microsoft Visual Studio. Microsoft Visual Studio is an integrated development environment (IDE) from Microsoft. It is used to develop computer programs for Microsoft Windows, as well as web sites, web apps, web services and mobile apps. Visual Studio uses Microsoft software development platforms such as Window API, Windows Forms, Windows Presentation Foundation, Windows Store and Microsoft Silverlight. It can produce both native code and managed code. Visual Studio supports 36 different programming languages and allows the code editor and debugger to support (to varying degrees) nearly any programming language, provided a language-specific service exists. Built in language include C, C++ and C++/CLI, C#, VB.NET and Typescript. Support for other languages such as Python, Ruby, Node.js and among others is available via language services installers separately. It also supports

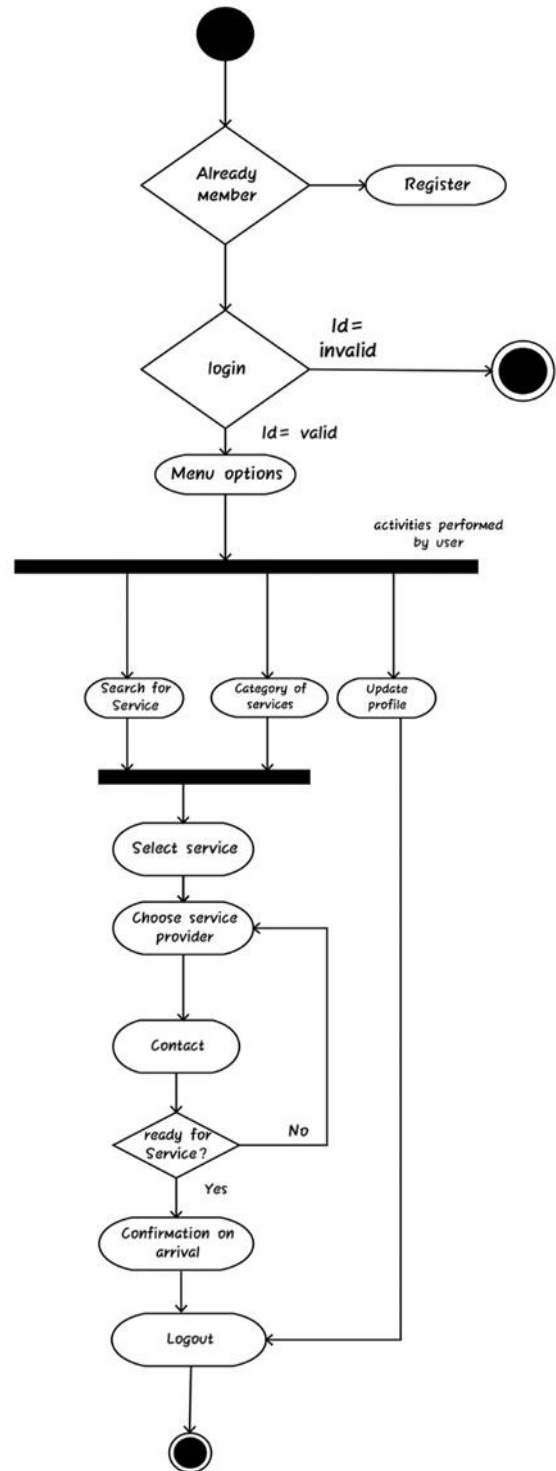XML/XSL, HTML/XHTML, and JAVASCRIPT and CSS. Java were supported in past.

The architecture used is Three-Tier Architecture. Three-tier architecture is a client–server software architecture pattern in which the user interface, (presentation), functional process logic ("business rules"), computer data storage and data access are developed and maintained as independent modules, most often on separate platforms.

The application will work in the following way:

I.   If it is a new user he/she has to sign up and create a new account.

II.   If he/she is already having an account he/she has to Log In by entering username and password.

III.   After Logging In user can manage its account and edit its profile.

IV.   User have to enter its location so nearby service provider can be known.

V.   User can search for the services as required.

VI.   User can scroll to the list of service provider and can read the review of each service provider.

VII.   User can book the service provider as per its choice and can contact with it.

VIII.   The details of the service provider will be shown on the page along with its location.

IX.   User can cancel the services if he/she wants to cancel.

X.   User can rate and review the services.

XI.   After this he/she can sign out.

The flow of the application is as follows:

The user will not be allowed to Log in if the user id or password is incorrect. If the user forgets his password then he can get new password by clicking on forget password and then the verification code will be sent to his registered email id and mobile no. If the user has any problem regarding the services and service provider he/she can complain in query and feedback section.

IV. SPECIAL FEATURES

Online home service provider is a web application that provides basic home services to its users for their daily needs. The idea was inspired by Urban Clap. Urban clap allows its user to book service online and offer basic services to its users. Taking in common their concept we are trying to provide users home services by booking online in much more efficient way. Online home services is solution to many problems face by people in their day to day life.

Online home service provider works on every browser by using internet. It requires location of the user so that nearby services can be provided. It offers many facilities to its users. Some of the unique feature are as follows:

Nearby Services:

Online home services ask to operate the user current location. By accessing the current location, it provides nearest service provider details and lists to the users. By providing nearest service provider it saves lots of time of the user and fast services to its users. Nearby services provider is view to the users by its location so the user can book the nearest service provider.

Map view:

Online home service provider provides a map view to its users. It shows the location of the service provider using google maps. The user can track their service provider which again will display in google maps. Map view make access of google maps.

Blocking of Service Provider:

This feature is very useful and important in our project. User can complain if he/she is not satisfied with the service or service provider. If the complain of the same service provider is number of time then Admin will block that service provider and he/she will no longer be displayed in the application.

Trusted Service-Provider:

The service provider we provide will be go under verification and has to submit verification documents. He/she will be cross verified and then only approved by the admin.

Transparency:

Onine home service provider provides direct interaction of service provider and resident. The resident can directly interact with the service provider and can decide the time and place where to come. Thus, it provides transparency between user and service provider.

Easy payment:

It provides easy payment mode. User can pay through paytm, online payment and net banking. The user directly contact the service provider and pay him/her. User will not have to pay in between charges and application will not charge anything.

User friendly:

The application is built with interactive graphics and designs. It has easily available sections and user can find it easily. The application built in very friendly manner and attractive features.

Platform to various Service-Provider:

It registered many of its service provider and give a platform to them to get work and earn. Many idle service providers can find work and earn by registering on online home service provider.

Ease of Access:

User can operate anytime and anywhere when needed. Online home service provider can be used in desktop browser and also in mobile browser. It has both desktop view and mobile view.

Hardware and Software Requirements :

Hardware Requirement

Processor   Any Pentium Processor or Upward Latest Version
RAM   1 GB Upward
Hard Disk   3 GB

Software Requirement

Front End   Asp.Net, C#, ADO.Net, AJAX , Java Script, Xml
Back End   Localdb
Language   C#

Web Browser   Internet Explorer,GoogleChrome,Opera.

V. CONCLUSION

We have developed "ONLINE HOME SERVICE PROVIDER" with great concern and have tried our best to implement as many as features to make it viable and usable. This system is a powerful and easy-to-use for the user in their day to day life. This System also provides the doorstep services option. This is the easiest way for the users. It is the software with the latest platform that fulfils the required needs of user. Nowadays, technology is increasing day by day for making the works of human being easier. The services are directly send to the user and user can interact directly to the service provider. By directly providing the services from service providers we manage to keep our cost lower, and quality for money they spend.

ACKNOWLEDGEMENT

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