

# BUY SERVICES

Shubhankar Kanore<sup>1</sup>, Sushant Pakade<sup>2</sup>, Somesh Mahajan<sup>3</sup>, Vijay Unawane<sup>4</sup>  
Prof. Amit Bhuse<sup>5</sup>

<sup>1</sup>Diploma Scholar, Dept of Computer Engineering, MET BKC, Nashik M.H

<sup>2</sup>Diploma Scholar, Dept of Computer Engineering, MET BKC, Nashik M.H

<sup>3</sup>Diploma Scholar, Dept of Computer Engineering, MET BKC, Nashik M.H

<sup>4</sup>Diploma Scholar, Dept of Computer Engineering, MET BKC, Nashik M.H

<sup>5</sup>Professor, Dept of Computer Engineering, MET BKC, Nashik M.H

## Abstract

The main idea is to implement an online application for the customer's requirements and provides some basic home services through our application. To overcome the problems of customers related to the services .We are implementing this application. The existing system like 'Just Dial' only provides the information, profile and contact details of service provider. But our system not only provides the information but also provide the booking system and GPS tracking.

There are many service providers in a specific region that will provide domestic home services like plumbing, carpentry, electrician, etc. For customers our application also provides the domestic home services with some additional features and facilities for the customer. Our system provides the plumbing, carpentry, electrician, etc. services to client. Our system is also a part of startup India. Our project is based on startup cum project.

. The application contains three main entities such as Admin, Employee, user. We provide the user friendly advanced search system for customer simplification. The client will request for

home services and based on the location by fetching longitude of the client. The nearest service provider is allocated to the customer by admin. The existing application does not involve the booking system and GPS implementation. Our application provides the facilities like booking system and GPS tracking. This application also provides reviews and ratings for analyzing the performance of the service provider. We also provide the information and latest updates through the email and SMS to the customers and also to the service provider. We provide the user friendly advanced search system for customer simplification.

### **Key Words:**

Service, Book, Plumber, Electrician.

### **INTRODUCTION**

Our Project is based on Mostly needed home Services. In this Project we are going to make a web Application for the people. Especially for women and anybody. When the customer requires some services. The customer can't have a number of electrician, carpenter, pest control, plumber, etc. From our website customer can get details of various service providers. Also he can book the Service provider. The service provider will come at your home and will inspect the issue and execute the work. After that the customer will pay according to estimation of

work. The application contains three main entities such as Admin, service provider, customer. The service provider can be plumber, electrician, carpenter, etc. Our application will provide the booking system to customer for the purpose of user friendly communication. The admin having all rights and permissions of the system. We also provides the Global Positioning system in our live app. The admin in our system can add/remove the service provider. According to the customer requirement the admin will select the appropriate service provider. This application also provides reviews and ratings for analyzing the performance of the service man. We also provide the information and latest updates through the email and SMS n to the customers and also to the service provider. We provide the user friendly advanced search system for customer simplification.

#### **EXISTING SYSTEM :**

Internet itself is a revolution and it has effected different regions of our society. Impact of internet on society is now making a huge change in economic, social, and political around the globe. It's obvious because huge amount of users, communities, cultures using the internet in their day to day life. Every individual has to do several activities to keep proper functioning of himself and it's surroundings.

Activities like plumber, electrician, carpenter, etc. or basically home services But it is very hectic task to find these kinds of home services. Several problems are their when we find all this services offline for example:

- The contacts are not available easily.
- Slow process.
- No guarantee of services.
- Uncertain labor charges.

#### **PROBLEM DEFINITION:**

As earlier define limitations can become major at any time so to overcome all this limitations we introduces '**Basic needs services**'.

Our motto is to implement an online application for the customer's requirements and provides some basic home services through our application Our Project is based on Mostly needed home Services and to bring services provider and service receiver on a same platform.

Need of project: Our Project will be very helpful for middle class family or anybody. When the customer needed some services he went outside and starts searching of service man or worker. But our system solves those problems and provides the information and booking details of service man.

- **Working:**

- 1) First the customer will Register and Login to our Website.
- 2) Then He / She will choose services which he / she will require.
- 3) Then they will Select their location (auto location is available).
- 4) Then the booking process will start.
- 5) They have to book which service they want.
- 6) Then Admin will get the Booking number and location and service.
- 7) Admin will choose the service man from selected area of customer.
- 8) Admin will contact to the service man.
- 9) Service man will contact to customer and discuss the issue.
- 10) Schedule will be declared and service man will post inspect to the given location.

- 11) After Inspection they will execute the work and customer pay the fee.
- 12) The customer gives the reviews and ratings to the service provider according its work.

Admin can Notify the customer new services when will available.

**Technical specification:**  
**Hardware Requirement for Development of Project:**

- Pentium processor
- RAM-1GB
- Hard Disk 50 GB

**Software Requirement for Development of Project:**

- Operating System-Windows XP/7/8/10/ Ubuntu/Linux/Mac
- Language-PHP
- Server-XAMPP VERSION 7.0.18  
Database MySQL version 7.0.18  
Local server Apache 2.4.18

**TOOLS AND TECHNOLOGIES USED**

**1) Web development tools:**

Web development refers to building, creating, and an maintaining websites. Web development includes many types of web content creation.

**2) My SQL:**

MySQL is one of the most widely used RDBMS in the IT industry. SQL stands for Structured Query Language. MySQL development has made the source code available under the terms of MySQL owned by Oracle. The paid editions are also available which offer additional functionality. MySQL is used in many websites such as Facebook,

google, twitter, and YouTube. The MySQL database is used in web applications. Open source projects use MySQL. The development code is now available to the users under the use of general public license

**Architecture:**

Our application front end is a design using with basic web development languages like html, CSS, java script and web development tools such as word press and bootstraps at our backend we have use XAMPP and my SQL to create database and store data about several entities.

The application contains three main entities such as Admin, service provider, customer.

The flow of our application is:

**MODULES IN OUR SYSTEM**

1. 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.

2. 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.

3. User Module This module provides information related to various services that are being offered. For each service, the application allows the user to select the date and time for the service.

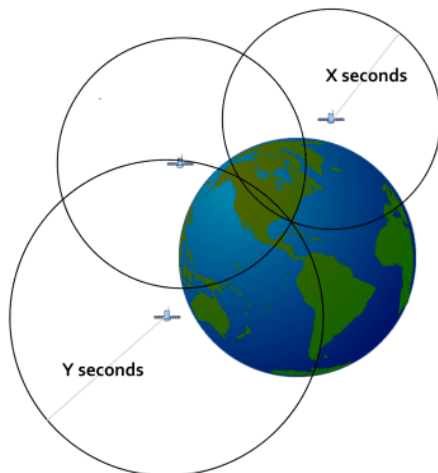
4. Feedback Module User of this application can post their opinions, complaints and suggestions regarding the application and services to the administrator. Accordingly,

the administrator can take various steps to act on the complaints and suggestions.

### Algorithm to compare latitude and longitude of User and Service Provider:

Following is code that shows how the user and service providers' latitude and longitude are compared and the service provider is allotted to the user by using the distance from ()

- Step 1: Fetch the latitude and longitude of the user
- Step 2: Store it on the server database
- Step 3: Compare the latitude and longitude of the user and the service provider by using the distance from () method. Step 4: Allot a service provider based on the comparison made



### Features:

- 1) User Friendly Advanced Search System. These search system is simplify the task of customer. Our application provides the search box for selection of appropriate services

like electrician, plumber and carpentry.

- 2) Admin manages the whole system by performing task such as adding/ viewing/ editing/ deleting employee details. Admin have all rights and permission so he can add, remove or block the service provider.
- 3) System allows admin to add service man details and services provided by them. According to the profile of service man the admin have only access of add the details of service man.
- 4) Employee can login using valid id and password which is provided by the admin because of security purpose. It maintains the principle of security.
- 5) Admin can view the report of complaint resolution provided by the employee and try to resolve it.
- 6) Customer can give the feedback and ratings to the service provider according to its work. Our application also provides reviews and ratings for analyzing the performance of the service man.

### Advantage:

- It overcomes all the problems of existing system and also provides new features. Our system provides the booking system and GPS optimization. These leads for user friendly communication.
- Our System is easy to understand and user friendly. Our system provides the basic services for user

in simple way that can be easy to understand for any other user. We also provide the function help and how to use for easy understanding of our system.

- The system is purely based on domestic home services which provides basic home services for customer.
- Admin can easily view employee report based on the services provided and on the complaint.

### **Limitations:**

- Requires an active internet connection. Because of our application is live we need the internet. The update details should provided through the E-mail and SMS so for updating purpose it should require an internet.
- System will provide wrong results if the data entered incorrectly. If you entered the improper data the system will terminate and it provides some error or some inaccurate result

### **Applications:**

- This system can be used by the local service providers.
- This live system can be used by any person as per its requirement.
- Availability of services for home, offices, hotels, etc.
- Can we used by individuals to minimize their work efforts.

### **FUTURE ENHANCEMENT:**

This application can be further enhanced by allowing the users of the application to drag and drop to another location on the maps Another useful enhancement can be made by providing more service types to the user Lastly, since this application is built only for the web base user, this application can also be implemented for other platform like IOS and android.

### **Conclusion**

**Basic needs services** is a dynamic web base application which create an opportunities for both customers and service providers This application provides domestic home services where users can be served for electrical services, plumbing services and carpentry services ,etc. Thus this application seems to be more dynamic, effective and efficient than the existing system.

### **References:**

1. Fundamentals of Software Engineering, Rajiv Mall, New Delhi: PHI Learning limited, 2003.
2. Paul Nielsen, SQL Server 2005 Bible. Paul Nielsen, New Delhi: Wiley, 2006.
3. Mauricio A. Valle , Samuel Varas , Gonzalo A. Ruz Job performance prediction in a call center using a naive Bayes classier, Faulted deCiencias Econmicas y Administrativas, Universidad de Valparaso, Santiago, Chile,2011.
4. Md. Faisal Kabir Enhanced Classi\_cation Accuracy on Naive Bayes Data Mining Models, International Journal of Computer Applications (09758887) Volume 28 No.3, August 2011.

5. Ajay S. Patil, B.V. Pawar Automated Classi\_cation of Web Sites using Naive Bayesian Algorithm, Proceedings of the International MultiConference of Engineers and Computer Scientists 2012 Vol I,IMECS2012, March 14-16,2012,Hong Kong.
6. <http://www.my-car-computer.com/trilateration.html>