Project Synopsis

on

**SERVICE PROVIDER WEB APP**

Submitted as a part of course curriculum for

**Bachelor of Technology**

in

**Computer Science**



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**DECLARATION**

We hereby declare that this submission is our work and that, to the best of our knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgement has been made in the text.

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**CERTIFICATE**

This is to certify that Project Report entitled “**Service Provider Web App**” which is submitted by **Aaveg Tomar, Abhi Singhal and Arpit Puri** in partial fulfilment of the requirement for the award of degree B. Tech. in Department of Computer Science of Dr A.P.J. Abdul Kalam Technical University, Lucknow is a record of the candidates own work carried out by them under my supervision. The matter embodied in this report is original and has not been submitted for the award of any other degree.

**Date: Supervisor Signature**

Dr. Ajay Kumar Shrivastava

(Professor)

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Last but not the least, we acknowledge our friends for their contribution to the completion of the project.

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**ABSTRACT**

Now a days for any services like Plumbing, Electrical, Electronic, Mechanical, Pest Control, Home Paint and Machine Repairing if any customer wants to use this type of services than they can go through a personal meeting or mobile call. It is difficult for customer to find any service in emergency at any time and place. So with this project we are going to develop website and an android app which will help customers to find out solution for any problems related to Plumbing, Electrical, Electronic, and Mechanical, etc. service. Our website and android application will provide a platform for all kind of house hold services at any time and place. The small about them by providing their contact number and they can chat with each other while the user can see an inventory of home services and get in touch with them as per their requirements. The web home service project consists of the many categories and services as mentioned before. Users who are in need of services can register with this website and look for service providers by mentioning the situation. The service provider's therein particular locations are listed to user with contact number and therefore the user can contact them.

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**Chapter 1: Introduction**

* 1. **Introduction**

In this project, we will provide the easy way to the customer to find any service in emergency at any time and place from their local surrounding like Plumbing, Electrical, Electronic, Mechanical, Home Paint and Machine Repairing. Our project is all about making a website and an app to give them assistance in getting services from local surroundings and in our website and app service provider also can register so that they can chat and bargain with each other directly.

Home service provider app is a common platform where customers and providers engage with each other. Customers request for services to providers and providers will give the service charges to the customers.

**Benefits of On Demand Home Services App Development to Customers**

* **Lower Costs**

Prices are the primary driver of consumer demand. On demand home services such as offer lower prices as compared to traditional home service providers.

### Quick Delivery

The major plus-point of these services is that you can get the desired work done within a few hours, unlike the traditional service providers, which take 2-3 business days.

### Variety

The consumers can see a wide variety of home services in one go and simply choose the one they’re looking for.

* 1. **Problem Statement**

Our problem statement in simple words would be like:

* The model will help in getting home services easily.
* This model will recognize the local service provider for those who have shifted to the area newly etc.
* After recognizing it, it will also highlight it by using rating method and photo representation of their work.
  1. **Objective**

Our objective is to pro vide a full-stack website and an App which will do the following:

* Takes a account of Gmail for registration for both provider and customer.
* Highlights issue faced by the new shifted family that want help regarding home services.
* Highlights the area of their interest in which they want service.
* Highlights the providers in that area.
  1. **Scope**

After discussion with the team and with our guide, we can consider the scope of this project as follows :

* We can create an app for highlighting best service provider in their local area.
* Any new family which has shifted to new area about which they have no idea they can get the best service in the cheapest way possible.

**TECHNOLOGY USED**

**1.WEBSITE DEVELOPMENT**

**React js**

React is a JavaScript library for building user interfaces React is used to build single-page applications. React allows us to create reusable UI components.

The React. js framework is an open-source JavaScript framework and library developed by Facebook. It's used for building interactive user interfaces and web applications quickly and efficiently with significantly less code than you would with vanilla JavaScript.

**Node js**

It is used for server-side programming, and primarily deployed for non- blocking, event-driven servers, such as traditional web sites and back-end API services, but was originally designed with real-time, push-based architectures in mind.

Node.js is an open source server environment. Node.js allows you to run JavaScript on the server.

**CSS(Cascading Style Sheet)**

### Cascading Style Sheets (CSS) is a language used to describe the presentation of a document written in  (including XML dialects such as  . CSS describes how elements should be rendered on screen, on paper, in speech, or on other media.

### CSS is among the core languages of the open web and is standardized across Web browsers according to . Previously, the development of various parts of CSS specification was done synchronously, which allowed the versioning of the latest recommendations. You might have heard about CSS1, CSS2.1, or even CSS3. There will never be a CSS3 or a CSS4; rather, everything is now CSS without a version number.

### Material UI

### React community provides a huge collection of advanced UI component framework. Material UI is one of the popular React UI frameworks. Let us learn how to use material UI library in this chapter.

**2. APP DEVELOPMENT**

**React Native**

**React Native is an open-source UI software framework created by Meta Platforms, Inc. It is used to develop applications for Android, Android TV, iOS, macOS, tvOS, Web, Windows and UWP by enabling developers to use the React framework along with native platform capabilities.**

It is used in both frontend and backend, this means it can be used to develop full-stack web applications. React is an open-source technology that combines JavaScript and HyperText Markup Language (HTML) to display small pieces of the large UI.

**Flowchart**

