e-ISSN: 2582-5208
International Research Journal of Modernization in Engineering Technology and Science
(Peer-Reviewed, Open Access, Fully Refereed International Journal)
Volume:04/Issue:04/April-2022 Impact Factor- 6.752 www.irjmets.com

E-WORKER'S ASSISTANT HOME SERVICE WEB APPLICATION

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ABSTRACT

The intention of this Information Technology project is providing the job and, and services to users and workers. Where a worker/User can register himself according to his profession and they can login. User will be able to see profiles of workers and can filter it according to his choice (sentimental analysis machine learning algorithm could be used for filtering the best workers according to reviews) If client chooses a worker, then the worker would get popup notification and if that is accepted a connection would be made between them and they will be shared each other's details. This application can be accessible by both workers and citizens easily due to User Friendly Interface. In this phase, the project's feasibility is assessed, and a business proposal is presented, along with a very generic project plan and some cost estimates.

I. INTRODUCTION

The majority of web applications have a browser-based interface that allows users to access all of the functionality without having to install anything on their computer or mobile device. There are billions of web applications user's word wide. These applications have a major role enhancing or simplifying day to day activities and also this is a major source of income for numerous users. We will be developing a web application which will boost the employment rate of particular area. In this web application user will find two ends one will be for worker and second will be for client.

The major goal of this project is to "create a web application platform that connects users and workers" (service providers).Web application helps the user to make their life more convenient. We live in century where every layman is sufficiently used technologies. Web applications are one such type of app that can be accessed from anywhere, anytime, and on any device with internet connectivity. Web applications are designed to perform the same functions as desktop applications, but with additional features. Because they can be used from anywhere with internet access, they provide convenience and flexibility.

A. Problem Statement

In today's life earning daily wages for workers/skilled professionals have become difficult due to less availability of jobs and opportunities. These issues not only affects the income of the workers but also affects their mental health. Due to pandemic situations, many workers faced financial crisis in India. Data in Lucknow showed that mean monthly income for labor work fell 62% from Rs.9,500 per month in pre-pandemic times to Rs.3,500 per month now. The current financial situations of the workers is one of the most important issues in our country.

B. Proposed System

The proposed system will use angular framework for creating Hybrid web application for user. An application that not only helps workers to search for job but also boosts employment. It also helps the user to get the work done fast and in a reliable way. Instead of going out and searching for worker, the user can access the app and can search for worker. The user can use Chatbot for any queries or issues. We are providing a sentiment-based rating system for user review for choosing the worker to a service, then user will be select easily. User will be able to see profiles of workers and can filter it according to his choice (sentimental analysis machine learning algorithm could be used for filtering the best workers according to reviews).

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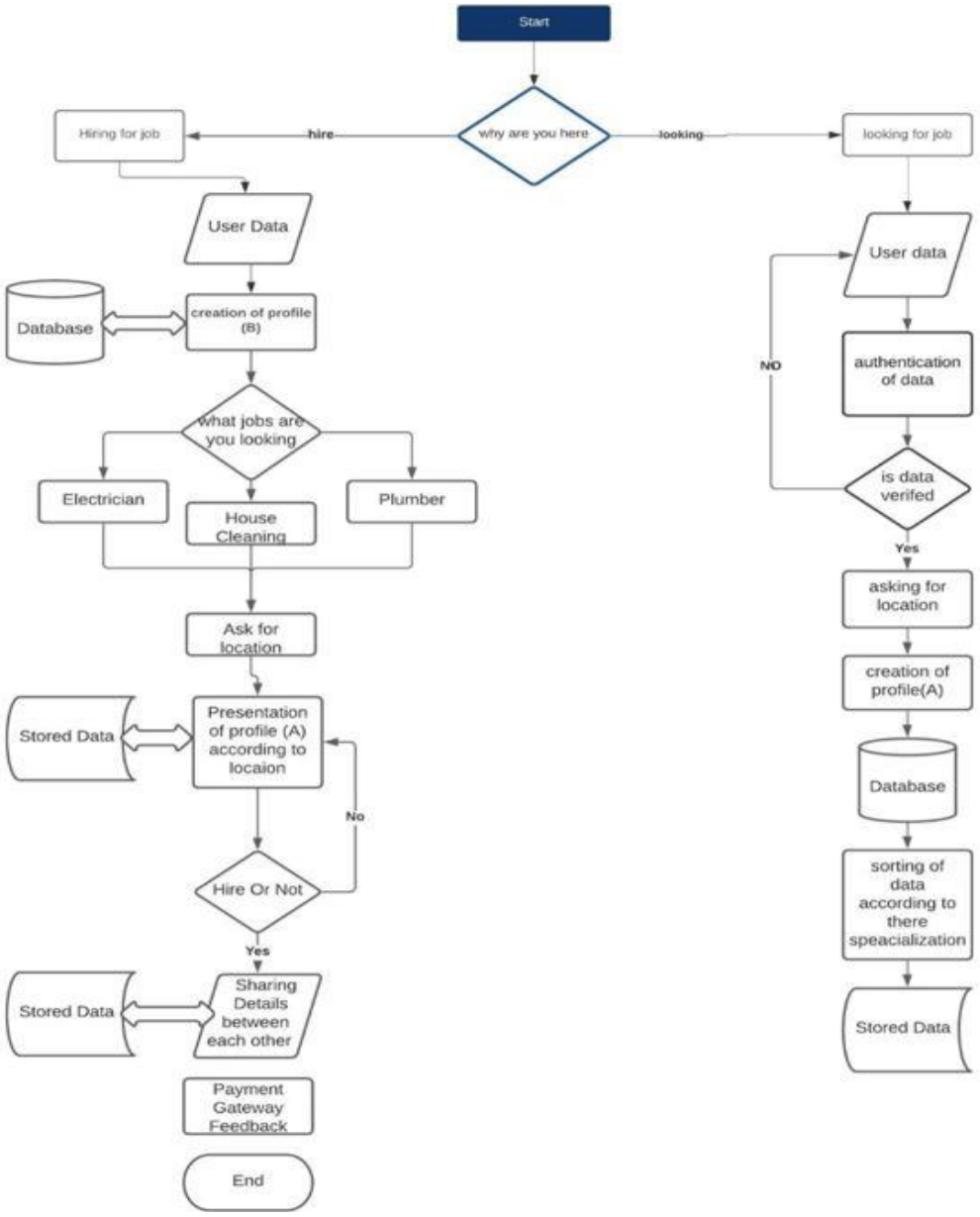
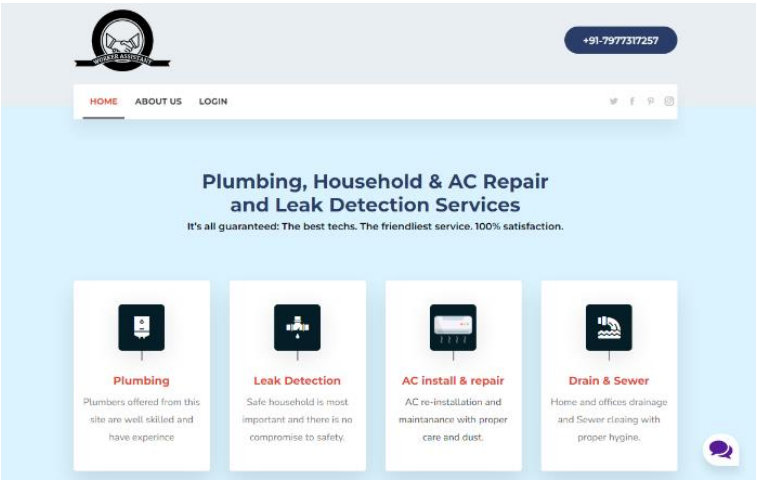
C. Flowchart



D. Results



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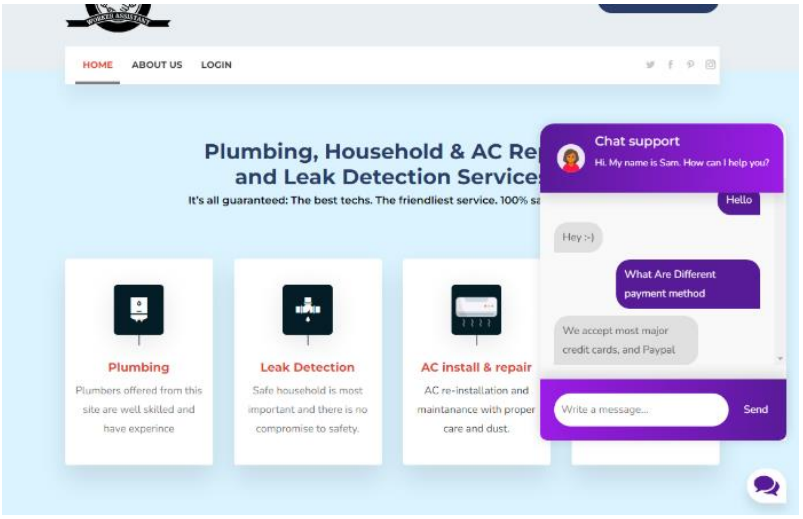

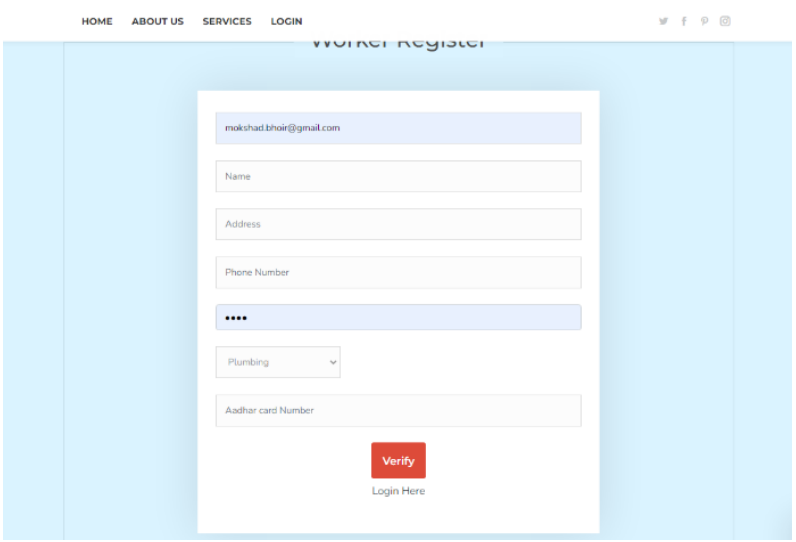

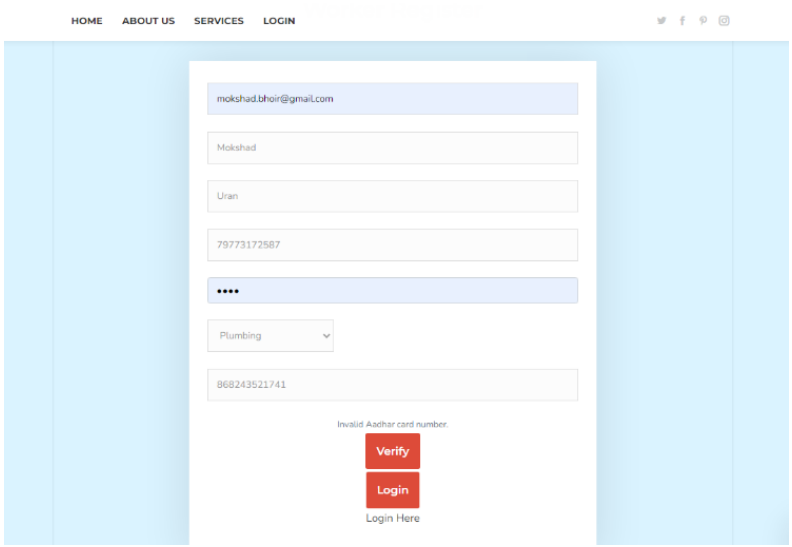

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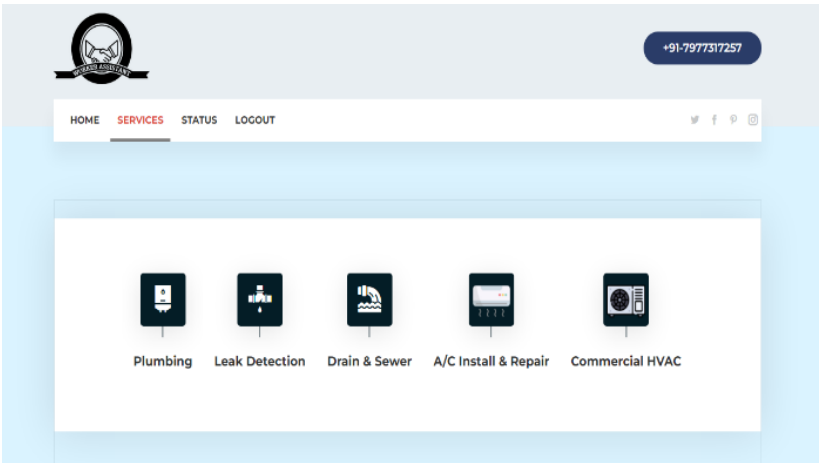

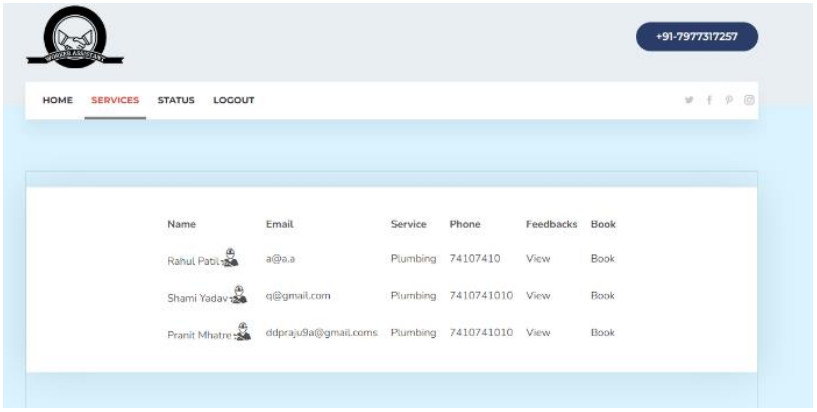

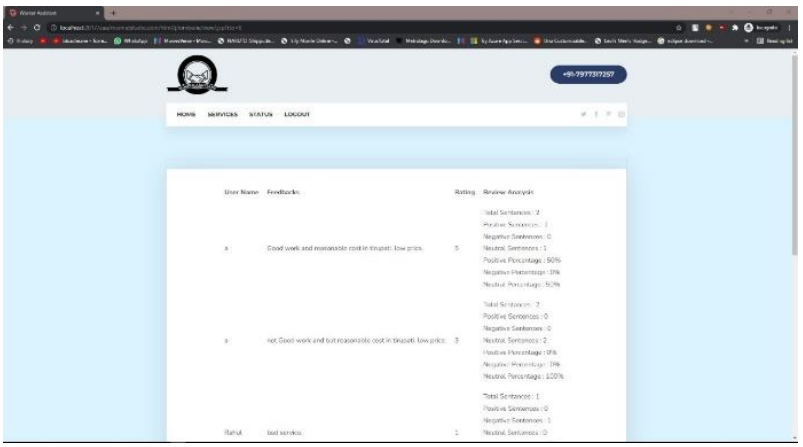

II. CONCLUSION

Nowadays everything is getting computerized. Manual work usually consumes a lot of time and is error prone. To make functioning easy and manage Worker assistant this application is very helpful. Thus, User Friendly UI helps the workers to achieve their daily goals for their daily living. Finally in our application users can choose the best service from the workers, and also it provides jobs for the workers. Review analysis can more helpful to all users.

ACKNOWLEDGEMENT

Ms. Shamna Sadanand has been invaluable in providing emotional and technical support as well as mentoring us. We'd also like to express our gratitude to our guide for her excellent advice and valuable suggestions at every level of the project. We'd like to use this occasion to express our gratitude to Dr. Divya Chirayil, Director of Information Technology, for her inspiration and invaluable assistance. This acknowledgment would be inadequate without thanking the department's teaching and non-teaching employees for their generous support. We would also want to express our gratitude to Dr.J.W.Bakal, Principal of Pillai HOC College of Engineering and Technology, Rasayani, for providing the project with the necessary facilities and resources.

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