



# Worker Recommendation System

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## Abstract:

Recommendation System are software application that provide or suggest item to user these System use filtering techniques to provide recommendation. The Purpose of this recommendation System provide services to small or part time Workers. It has been observed by the team that Recommendation System that are studied have not focused on small wokers like electrician and carpenters, plumber, mechanics but the corporate people. The recommendation system has been implemented in the android programming language. The results obtained were quite accurate which helps to recommend jobs to workers and workers to customers in the required work field. Where a job seeker applies to a job by creating a profile on a job portal by providing all his/her work preferences. These work preferences of each user can be collected from each user and provide worker recommendation based on their preference.

## 1. INTRODUCTION:

Now days in metro-cities like Pune, Mumbai all are need a worker but they are not having Time to the search a helper in case of electrician, plumber, house keeper, etc. so they are use this android application and also this android application help to give job to that workers they need a job so it is very beneficial to both users (citizens) and Worker Recommendation System is one where the businesses can advertise themselves and the visitors can find the list of businesss with the services they want. Each business can advertise itself by submitting a listing under a specific category.

## 2. PROJECT OVERVIEW:

The Worker Recommendation System is designed to streamline the process of matching available workers with suitable job opportunities based on their skills, experience, location, and preferences. It aims to enhance efficiency in workforce management by providing personalized recommendations to both workers and employees.

## 3. LITERATURE SURVEY:

Yingya Zhang, Cheng Yang, Zhixiang Niu (Job Recommendation System) System To reduce this laborious worker, design and implement a worker recommendation system for online job-hunting. In this paper, the contrast user-based and item-based collaborative filtering algorithm to choose a better performed one. The background information including students' resumes and details of recruiting information into consideration. [1]

People Finder (Robert Miller) It is largely a "People Search" company, providing individuals with various types of public record that will allow them to obtain contact information for most private citizens in the United States. This data is collected from various sources.[2]

Worker India (Hemanta Kumar Sarkar) Hire from India's largest staff network. Try for free and experience our quality service. Hire People with WorkIndia. Hire the Right Candidate Online. Access Candidate Resumes. Post a Free job. Get calls from candidates. Hire in 3 days, Large Candidate pool.[3].

#### 4. PROBLEM STATEMENT:

Smart Attendance Management System is software developed for daily student attendance in schools, colleges and institutes. It facilitates to access the attendance information of a particular student in a particular class. This system will also help in evaluating attendance eligibility criteria of a student. By just a click on the mouse, the system will be able to produce the students Smart Attendance Management System thus reducing the need for manual labor which is prone to human errors and time consuming. This application is built for automating the processing of attendance. It also enhances the speed of performing attendance task easily. The Smart Student Management Attendance will be based on the department and section. According to the department wise and section wise the attendance will be taken for teacher by using this application. It includes present, absent and leave column for each student so that they would mark the attendance like period wise. By just a click on the mouse, the system will be able to produce the Students Smart Attendance Management System.

#### 5. OBJECTIVES:

1. It is pack the entire metro city details into the android application. The users just open is the website. After they can fetch the more details about the Workers.

2. The application has more unique features. The main Objective is to develop an Worker Recommendation System.

- Saving Time and Money
- Easy terminology used for better understanding
- We can use this anytime anywhere

#### 6. METHODOLOGY:

Agile Development Model: The meaning of Agile is swift or versatile. "Agile process model" refers to a software development approach based on iterative development. Agile methods break tasks into smaller iterations, or parts do not directly involve long term planning. The project scope and requirements are laid down at the beginning of the development process. Plans regarding the number of iterations, the duration and the scope of each iteration are clearly defined in advance. Each iteration is considered as a short time "frame" in the Agile process model, which typically lasts from one to four weeks. The division of the entire project into smaller parts helps to minimize the project risk and to reduce the overall project delivery time requirements. Each iteration involves a team working through a full software development life cycle including planning, requirements analysis, design, coding, and testing before a working product is demonstrated to the client.

## 7. HARDWARE REQUIREMENTS:

- Operating system: Windows 7,8,10,11 etc.
- Front-End Language: Android,java
- Back-End: SQLite

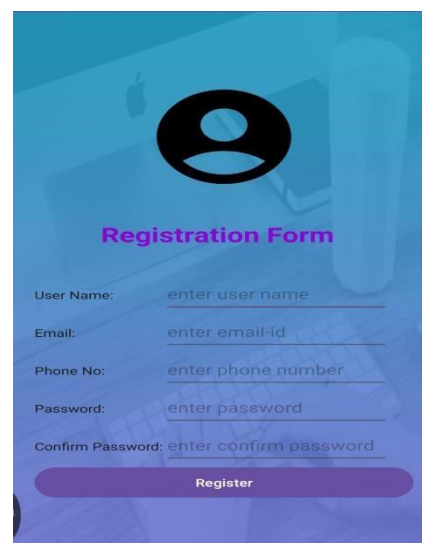
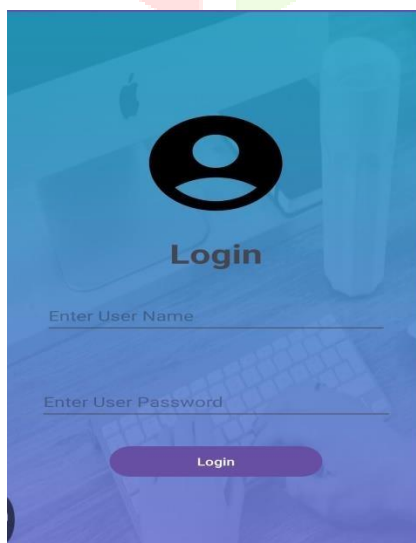
## SOFTWARE REQUIREMENTS:

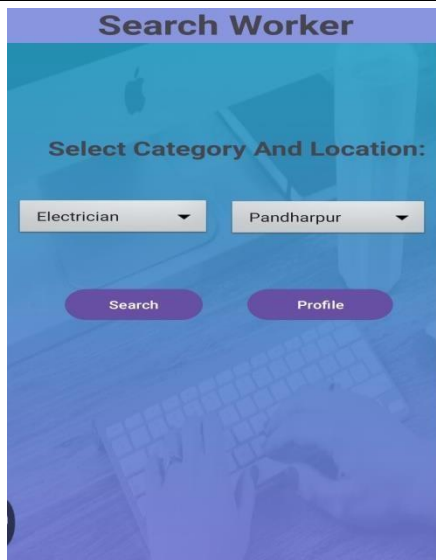
- Internet: - 2GB
- Minimum RAM: - 4GB
- Hard Disk: - 256GB
- Processor: -Intel Pentium 4(1.50 GHZ) or above

## 8.SCOPE :

The scope of this project will focus on the helpless worker ,a worker will use the system to make and Manage the job via online services. This Project will be implementd and useful for all worker. This Mobile application give solution to the workers.Today's citizens life scenario is rapidly changing and demanding. In the metro-cities all are need a worker But they are not having time to search for helper in case of electrician, plumber, house and keeper, etc. In existing system the user don't have to get all the information in one place, hence the citizen search the worker here and there.For example, when people travel long distance distination on the damaged road which can result in wheel damage and etc. So we need help of some one like mechanical in that case we needs mobile application to search Mechanical we will contact the mechanical and, tell him to come on the spot and help them.

## 9.RESULT:



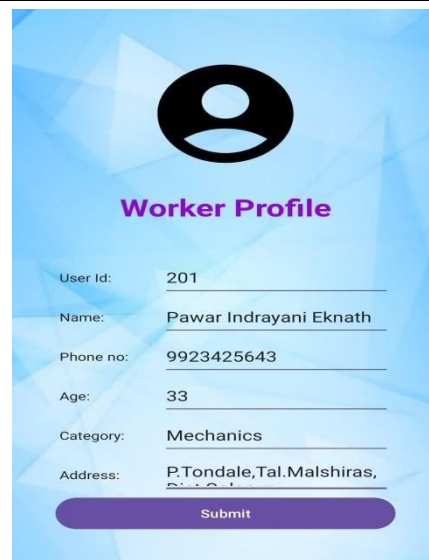


**Search Worker**

Select Category And Location:

Electrician    Pandharpur

Search    Profile



**Worker Profile**

User Id: 201

Name: Pawar Indrayani Eknath

Phone no: 9923425643

Age: 33

Category: Mechanics

Address: P.Tondale, Tal. Malshiras,

Submit

## 10.CONCLUSION:

Worker Recommendation Also helps the worker get work so they can earn money and get survive. A Worker Recommendation System is one where the businesses can advertise themselves and the visitors can find the list of businesses with the services they want. Each business can advertise itself by submitting a listing under a specific category. System is developed which is accessible at any time as long as internet connection is available

## 10:REFERENCE:

➤ [1] Fundamentals of software engineering by Rajib mall, PHlearning 5. Burnett, Rachel. “Legal risk management for the I T industry”, Computer Law & Security Report, Vol 21, 2005, pp. 61 – 67.

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2.<https://www.w3schools.com/php/default.asp>

3.<https://github.com/topics/job-recommendation>

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5.[https://en.wikipedia.org/wiki/English\\_Wikip](https://en.wikipedia.org/wiki/English_Wikip)