

WAGE EARNER APPLICATION

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Abstract

Employment is a major challenge for many people since a few decades. To overcome this problem a possible solution is to give the opportunity for unemployed candidates. My project is “Local Services of Home Appliance Repair”. Objective of this system is to providing a PC Grid. Solution focused on the workers of unorganized sector includes mason, carpenters, gardener, painter etc. PC Grid is a Web-based solution through which workers register themselves for a specific skill. Using this system general public or organized sector user can select the workers as per their need. At the time of worker selection he/she can view the skill, references given by those who have taken their service in the past, area (worker location) and availability of a particular workers System sends SMS to a selected workers regarding work and customer details. Workers confirm either through phone or this system and either fixed up meeting or work start date. Organized sector user or general public can rate worker skill, charges, particularity about time, dedication, behavior, habits etc. through this system. Users can put their demands regarding particular skill workers along with project location, and project details.

Keywords: Employment, Small scale sector, Worker, Customer, Credentials, Login.

1. INTRODUCTION

Home appliances play a major role in the domestic life of the modern man. It has always had a significant place in the life of man ever since the Stone Age when man began to use tools. Today, the twenty-first century human beings use more sophisticated tools and home appliances for his daily life. The more we try to make our life convenient and comfortable, the more significant the role of appliances turns out to be in determining the life style of man. Home appliances are electrical/mechanical appliances which accomplish some household functions, such as cooking or cleaning. Household appliances are the important appliances which are used in our household for the various day to day functions like cooking, cleaning, exercising, purifying, food preservation etc. The majority of household domestic appliances are the large machines usually used in the bed rooms, bath rooms, halls and in kitchen. The appliances which are used in a kitchen accomplish some routine housekeeping task such as cooking, food preservation and cleaning. The household appliances have a major role in the stylish appearance of any home décor. This makes the ambience of any room quite beautiful and at good appearance. An air conditioner and refrigerator are now commonly used due to the hot climate. This will give some sort of cooling and refreshment. The refrigerators help to keep the food items and vegetables fresh for a long time. The major appliances used in every household include refrigerators, mixer grinder, grinder, gas stove, pressure cooker, TVs, air conditioner, music players, home theatre, digital players, ceiling fan, air purifier, personal computers, vacuum cleaners, iron boxes, water purifier, water heater, digital clocks etc. It incurs a big investment on purchasing these household appliances essential for the present modern life. The uptrend's in technology and innovations made the home appliances more user friendly making the home routines as quick as possible.

II. LITERATURE SURVEY

2.1 Employee Tracking and Monitoring System Using Android

Author/Year: Sonal Kasliwal, Sushma Kotkar and H.D.Gadade / 2016

Use of Smartphone is increasing day by day and is very effective tools for increasing computational power and security along with search and rescue. The aim of this paper is to track the employee and monitor the employee activity in company by their office cell phone and improve the growth of the company by securing company data. In this paper, we discuss about the design and implementing admin, employee application and Centralized server for monitoring employees of the company using android by separating corporate and personal data. In this paper we provide different security profile on same smartphone. In this system we are using dynamic database utility which retrieves data or information from centralized database. We also provide separate mode to employee when he enters company premises. Through smart phones all information about the employee phone like their SMS history, Incoming calls, Outgoing calls, Employee Locations, Data usage, Web browser history, and Unauthorized Call History details are tracked. The necessary condition is that Employees should have the Android phone whereas Manager Activities are also monitored. This system increases accuracy in managing employees, manager and company data; avoid the unnecessary use of company phones which are provided to the Employee for their office use only and save the time of manager. Manager can monitor their Employees through mobile phones and know the employee behaviour. Thus unnecessary wastage of time and money of company is avoided and it helps to protect trade secrets and avoid legal liability.

2.2 An Android based Employee Tracking System

Author/Year: Etuk Enefiok.A and Onwuachu Uzochukwu.C/2016

In this paper, an employee tracking system based on Android operating system was developed. All the activities of the Employee will be monitored using this system. Scheduling information and time off requests are often considered part of personnel tracking; as this information will enable managers know when employees are expected to actually be in the office or other work areas. This system is really very helpful for the managers to monitor their employees through mobile phones. It was implemented using JAVA programming language, and the result was stored in SQLite database. An object-Oriented Analysis and design (OOAD) approach was adopted which consist of a well-planned iterative steps. Data was collected using document analysis and field Methods and the application of relevant analytical methods like bar-charts were used to interpret the facts collected. The developed system was able to increased productivity, reduction of cost, instant access to employee attendance record.

2.3 Android Based Mobile Smart Tracking System

Author/Year: Prof. Bhosale Deepak V/2015

Travel has always been a man's best pass time, a method to renew from the daily stress, a break from the monotonous life and to experience the thrill of adventure. Until the last decade, camera was a traveller's best friend but little did we know things are going to change a lot better. In today's world, life is always on the move. With the advancement of technology, smart phones today have immense capabilities to provide rich user experience with interactive facilities. Smart Tracking System is an Android based application for travellers to obtain the geo-location and tag it with multimedia features. This application allows users to create, store and view their Vehicles, Vehicle related information and all the memories that bring with it. Vehicle Tracker Combines places visited, notes taken and the images captured, and display all this information on a map at the exact location where it all took place. This application is developed to provide the users a rich user experience by having all the information in one place, easy to access and interactive. With the help of Google Maps, each Vehicle can be drawn out on the map with all the locations visited and the route taken. The user will also be able to view the description, the location address

and the image captured any. Vehicle Tracker, developed in Android, provides extensive flexibility, supports many features and can be among the best travel friendly app.

2.4 Employee Monitoring System Using Android Smart Phone

Author/Year: Kalyani Bhagwat, Priyanka Salunkhe and Shamal Bangar / 2015

The Rapid growth of android applications is creating a great impact on our lives. The aim of this research Employee monitoring system using android mobile is, to automate the employee monitoring process in company by their Employee's office cell phone and also improve the organizational growth of the company. In this paper, we discuss about the design and Implementing admin application, employee application and Centralized server for monitored company employee's using android technology. In this system we are providing dynamic database utility which retrieves data or information from centralized database. The android application in smart phone contains all information about the employee phone uses like their all Employee SMS history, Employee call Logs, Employee Locations, Data uses, Web browser history, and unauthorized data uses details. All communication between the Employee phone and the admin is done through 3G network technology. This application is user-friendly. This system improves accuracy in managing employees of the company by saving time, reducing manager efforts; avoid the unnecessary use of company phones which are provided to the Employee for their office use only. This System is also connects to the centralized server for accessing detailed history of employee phone uses. The main aspect of our paper is Managers to navigate their all company Employees through mobile phones and know the employee behaviour (Good-Loyal/Average/Bad).

2.5 Architecture for Employee Tracking System Using Smartphone

Author/Year: Nagashayana.R /2014

Using GPS devices for tracking employee, vehicles are becoming outdated now, when most of the people are using Smartphone's, there are many applications which helps in tracking vehicles, children's, women and etc. We can also use Smartphone to track employee, but tracking employee is very different from others as the employee generally works 10hours a day, so turning on GPS for such a long time and sending data continuously to the server, the battery running for such a long time in today's situation is not easy. This paper provides a solution for tracking employee for a long time without draining his battery and without losing data. The employer can check which path his employee is using to travel, at any point of time the employer can see where his employee is currently; at what time exactly he visited defined locations and etc.

III. SYSTEM ARCHITECTURE

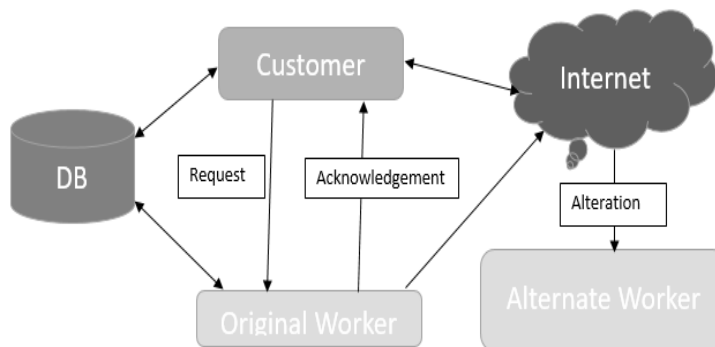


Fig. 3.1 System Architecture

IV. WORKING METHODOLOGY

4.1 Modules

- Registration
- Customer assigning the job to the worker
- Worker acknowledging the customer
- Altering the worker if unavailable

MODULE DESCRIPTION

4.1.1 Registration

Initially, both the customer and worker has to sign up in order to provide the basic mandatory details. These details are stored in the backend database, wherein the data given are maintained with greater security and the details provided by the customer are shown only to the worker that too is restricted to only the name and the address. If the person has registered already then the right username and the password has to be provided to sign in into the account.

4.1.2 Customer assigning the job to the worker

Under this module, user can able to view the availability of the worker near the required area and make confirmation regarding the assignment of the job to the worker. The login page consists of the registration process where the basic details of the customer are acquired and an individual account is created with the corresponding given information which also includes the requirement on the kind of job to be done.

4.1.3 Worker acknowledging the customer

The customer themselves can choose the worker and may provide the request to attend the complaint. Once the worker is assigned, the location and the details of the customer including the contact number are automatically forwarded to the workers module. If the worker is ready, he can reach the place of the customer and the complaint can be attended.

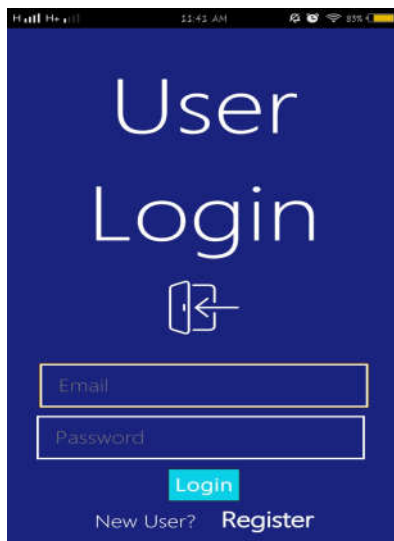
4.1.5 Altering the worker if unavailable

If the worker finds some difficulty in reaching the place of the customer, he can quit from the assigned job and forward the customer to some other worker present nearer to them. If the worker alters his job a suggestion will be sent to the customer's module enquiring about the altered worker and if he is convinced with the altered one an acknowledgement will be sent to the worker's module.

V. RESULTS



Fig 6.2.1 Registration module



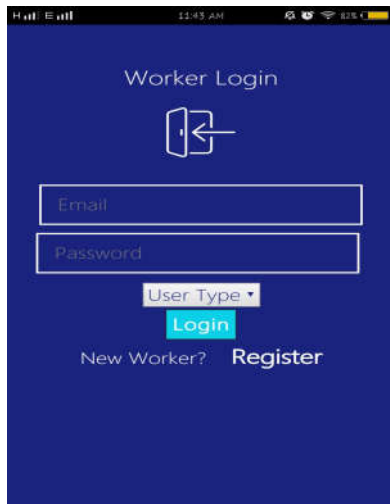


Fig 6.2.2 Sign in modules

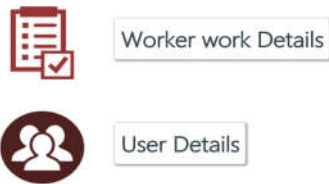
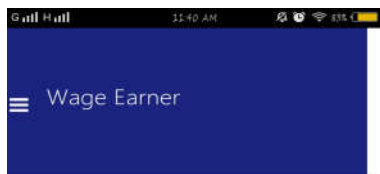
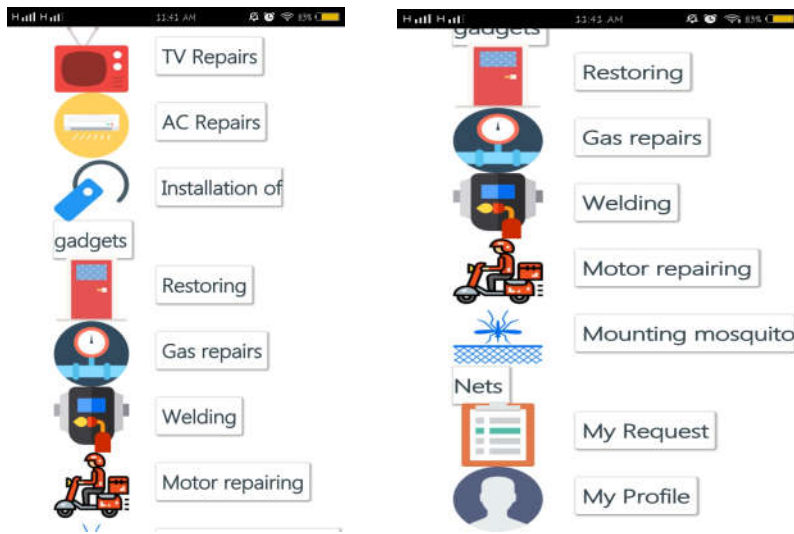


Fig 6.2.3 Contents of Admin Login



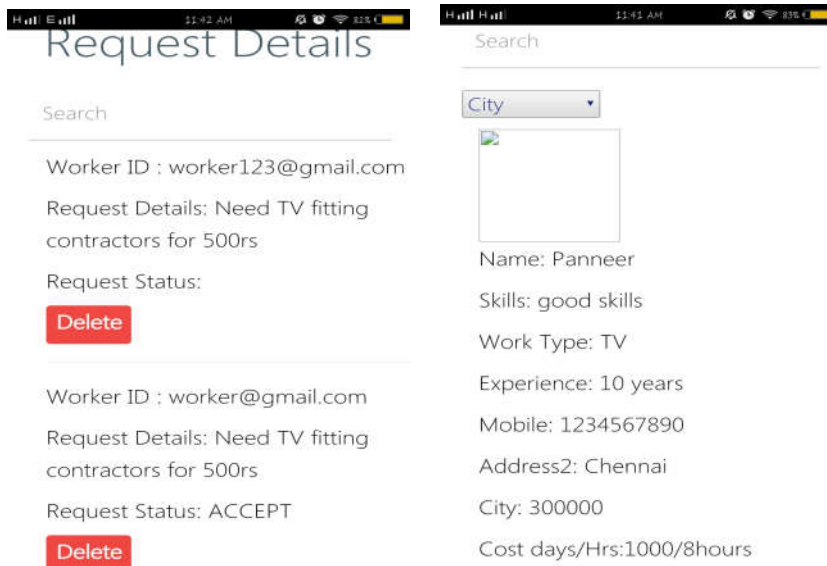


Fig 6.2.4 Contents of User Login

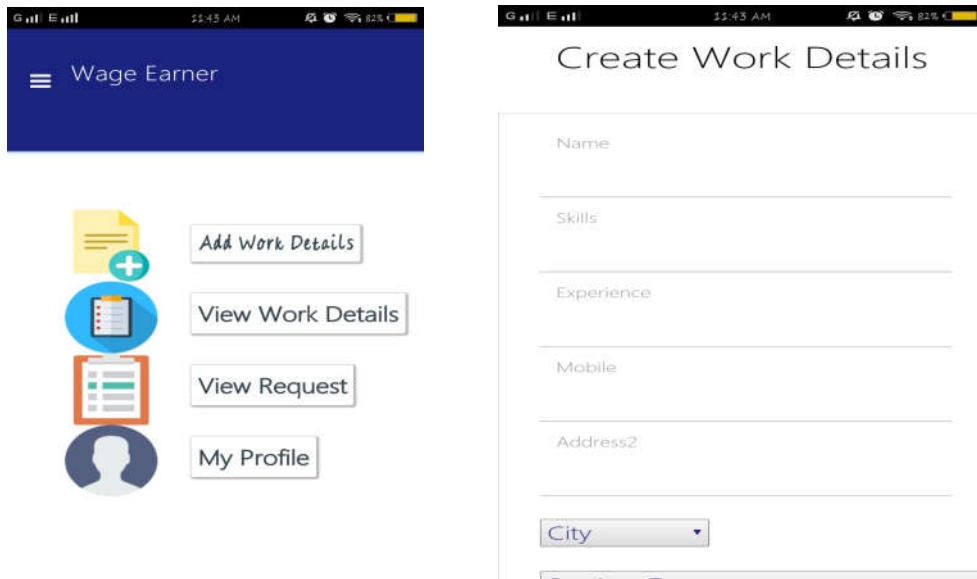
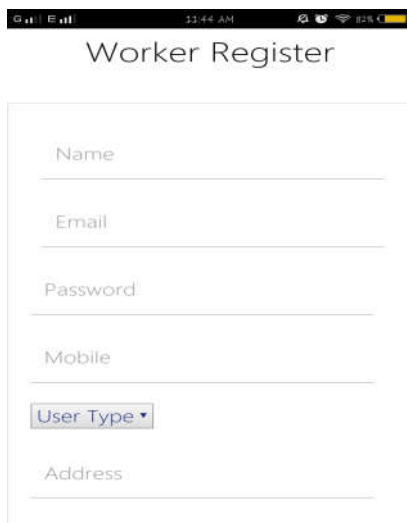


Fig 6.2.5 Contents of Worker Login



VI. CONCLUSION

The employment to the small scale jobs enables an opportunity to the person who are even uneducated but are well versed in such works. Using this information, users and workers as per their need. At the time of user can select view the appliance repair services, references given by those who have taken their service in the past, work location and availability of particular workers. Here we enhanced SMS system to server. Once we registered to this system you can get message from server. The person will be able to gain optimal amount of money for the job he has completed. It does not affect the privacy of the worker. The employment opportunities are automatically increased in small scale sectors and thus allows many uneducated people to come out with flying colors.

VII. REFERENCES

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