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## We Fix - Searching Contractor and Worker in Your Location

*Mr. S. Barath<sup>1</sup>, D. Kalaidurai<sup>2</sup>*

<sup>1</sup>Asst. Prof., MCA., M.Phil., Department of MCA & Krishnasamy College of Engineering & Technology

<sup>2</sup>Department of MCA & Krishnasamy College of Engineering & Technology

### ABSTRACT

The project's goal is to offer a PC Grid solution targeted towards unorganised sector employees including painters, plumbers, carpenters, and masons. Workers can sign up for a certain skill through PC Grid, a web service. Users, contractors, or organised sectors can choose the workers they require based on this information. When choosing a worker, a firm or user can view the worker's talent, references provided by clients who have already used their services, work location, and availability of certain workers. The system SMSs chosen employees about job and consumer information. A worker confirms through phone or this system and sets up a meeting or the start date of work. Through this method, organised sector users or the general public can rate a worker's skill, charges, particularity regarding time, dedication, attitude, habits, etc. Additionally, the user can choose contractors on this website. Therefore, Contractor also registered on this site. Contractor then searched for or chose users with particular skills. Users can list their requirements for specific skill employees along with the project's location and other pertinent information.

**Keywords:** Users ;Workers ;Contractors.

### 1. INTRODUCTION

The idea of social exclusion encompasses the fundamental reasons why modern cultures are socially and economically disadvantaged. As previously mentioned, the term "social exclusion" was first used in France in 1974 to describe the privation felt by those who were unable to obtain social protection, which at the time was exclusively available to employed people and their families (Peace 2001). At the time, estimates suggested that 10% or so of France's population was excluded. These populations included those who were homeless, drug users, physically challenged, single parents, abused children, and homes with a variety of issues (Peace 2001; Sen 2000). These aforementioned groups frequently encountered work obstacles, suffered from familial isolation, and as a result did not have access to governmental support. Extreme suffering, poverty, and social isolation were the results. Because so many people were affected, social cohesiveness and economic success for society as a whole were affected. The system SMSs chosen employees about job and consumer information. A worker confirms through phone or this system and sets up a meeting or the start date of work. Through this method, organised sector users or the general public can rate a worker's skill, charges, particularity regarding time, dedication, attitude, habits, etc.

### 2. LITERATURE SURVEY

The literature in this context refers to published scholarly work. For instance, scientific scholarly literature includes journal articles, conference proceedings, technical reports and books. A "literature review" reviews the scholarly

literature on a specific topic by summarizing and analyzing published work on that topic. A literature review has several purposes to evaluate the state of research on a topic to familiarize readers and students with what has already been done in the field to suggest future research directions or gaps in knowledge. Green, Johnson and Adams describe a literature review as a type of research article published in a professional peer-reviewed journal. The purpose of a literature review is to objectively report the current knowledge on a topic and base this summary on previously published research. A literature review provides the reader with a comprehensive overview and helps place that information into perspective. Most research articles include a section that reviews previous work, but this is not as comprehensive as an article-length literature review. A literature review does not include new, unpublished research results. In an article database, search for the keywords "literature review" or "review" (in title or topic) in addition to your topic keywords. Some article databases have "reviews" coded as a separate article format. For example, Web of Scienclists "reviews" under document type. Do a topic search, then click this box to refine to only review articles. In some databases (such as BIOSIS) this is called literature type. Pubmed includes Review as a filter under "type of article". In PyscINFO, include "literature review" as a methodology. You will still need to look at the papers you find to determine if they are truly literature reviews. Access the full-text of the paper (using the orange UC eLinks button) and read the first page or two. If it reports original research results, it's not a review article. Most reviews explicitly state that they are reviewing the literature in the abstract or first paragraphs, or use the phrase "We review recent studies" or similar. Review articles also typically cite dozens of other papers in their quest to be

comprehensive, so their bibliography sections are longer than usual. Remember not all specific topics have review papers already published on them – you may need to broaden your keywords (by using fewer or less specific terms) to find a review of your subject.

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### 3. PROPOSED SYSTEM

The proposed system provides an application where all types of workers, organizational sectors, companies can use the system to satisfy their requirement.

#### System Modules :

- User
- Admin
- Worker/Contractor

#### Module Description :

##### Users or Companies :

Users can find worker various skills and semi skills within the system. Users can easily search for contractors also. Users and contractors can give the feedback of the worker performance. Feedback about the workers is useful for the remaining users and contractor who are searching for a worker. By using contact information of worker, general public can communicate with workers from home only. Communication is possible among the workers, general public, contractors, and administrator.

##### Workers and Contractors :

Contractors can find a worth full workers based on the feedback given by public users about their work. contractor are also give the feedback about worker. Workers can present their multi skills information within site. From any where workers and users can access the system. No more bargaining with the customers, because charges are fixed. They can easily register in the site with their skills and semi skills with a free of cost. No advertisement charges for the workers. Communication is possible among the workers, general public, contractors, and administrator.

##### Modules :

The modules designed for the system are Registration, Administrator, General Public or Users, Workers, Contractors and Feedbacks.

##### Module description :

##### Registration :

The Workers, public users, company sectors or contractors will undergo the registration procedure by specifying the identity proof, skills, education, experience, and address-proof and obtain a username and password, which is used for further transactions.

##### Administrator :

This module offers features for administrators. The administrator oversees all data and has access privileges to view, edit, and remove information about employees, contractors, and other parties. The administrator should be able to check user information and communicate with other users of the site via email.

##### General Public or User :

The user can search the website to find workers and contractors for household tasks including carpentry, painting, plumbing, and other trades. The general public ought to be able to view the workers' information, such as their skill and semi-skill sets, contact information, etc. User registration is required at the time of worker selection. ID proof is required. To learn more about the working styles of the workers, they should also have the option to view customer reviews and submit reviews of previous employees. The user can pick as well as view the Contractor details on this site. When a worker is chosen by the user, the system immediately sends an SMS to that worker with the user's details.

##### Workers:

The employees were listed on this website. The employee has the ability to amend the information, experience, location, and skills that were added during the registration process. The employees have access to the general public, contractors, and other users such as the administrator.

##### Contractors :

The Contractors enrolled themselves on this website. Contractors can identify qualified employees based on reviews of their work left by customers or other contractors. The employee can demonstrate their diverse skill set on the job. Contractor industries or businesses will go through the registration process by providing identity proof, skills proof, address proof, and address proof. They will then receive a username and password that they can use for future transactions. The goal of registration is to aid contractors by allowing administrators to give them precedence. On this website, users can choose the best contractors, thus they must be properly registered. When a contractor selects a worker, the system immediately sends an SMS to the worker on the contractor's details.

**Feedbacks :**

Users and contractors can comment on a worker's performance at work. Feedback on the workers is helpful for the other users and contractors who are looking for labour, and it also helps the workers execute their jobs more effectively.

**4. SYSTEM ARCHITECTURE****Software Requirements:**

Front End: HTML5, CSS3, Bootstrap

Back End: PHP, MySQL

Control End: Angular Java Script

**Android Tools:**

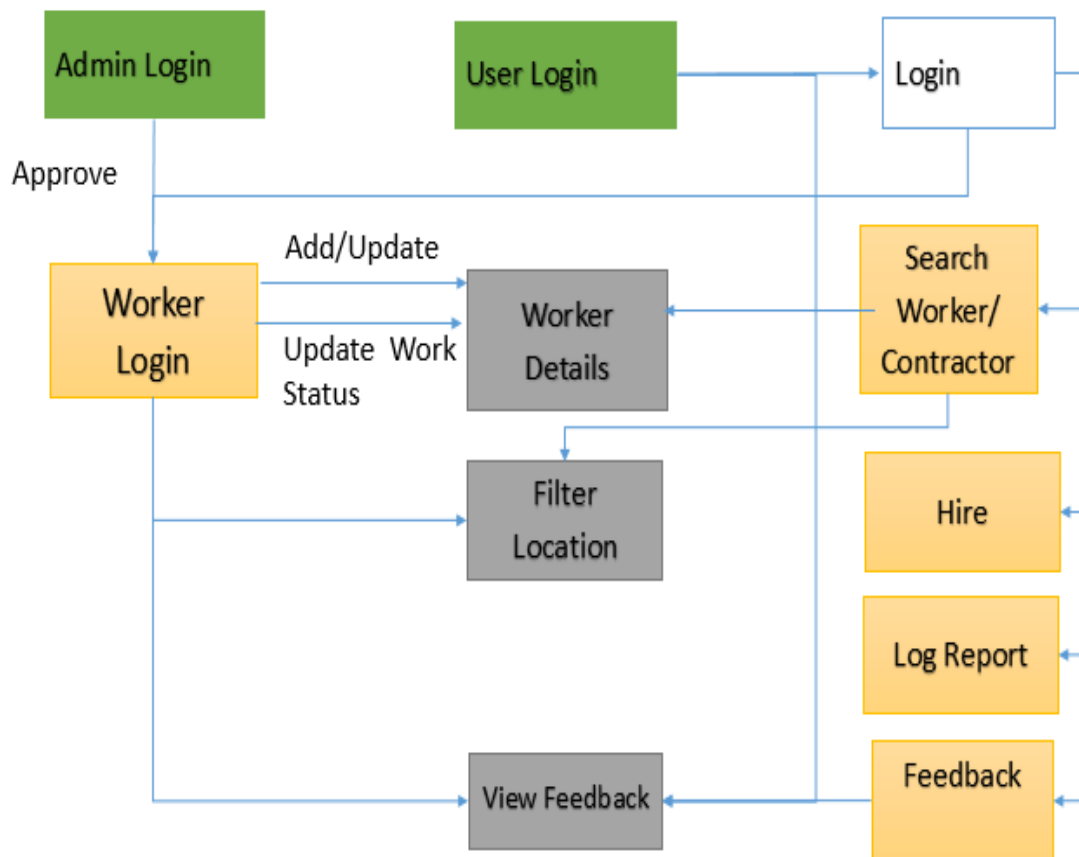
IDE: Android Studio

Android Emulator

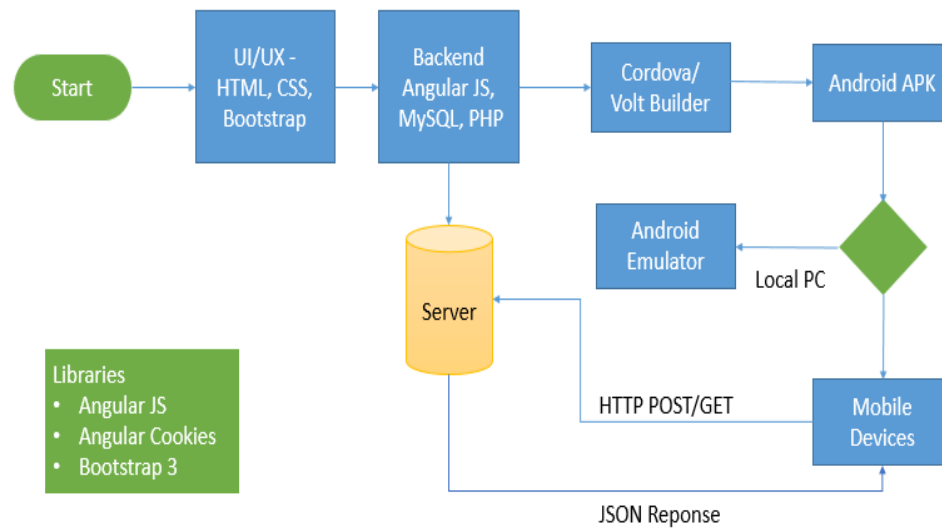
xampp-win32-5.5.19-0-VC11

**PHP Tools:**

xampp-win32-5.5.19-0-VC11

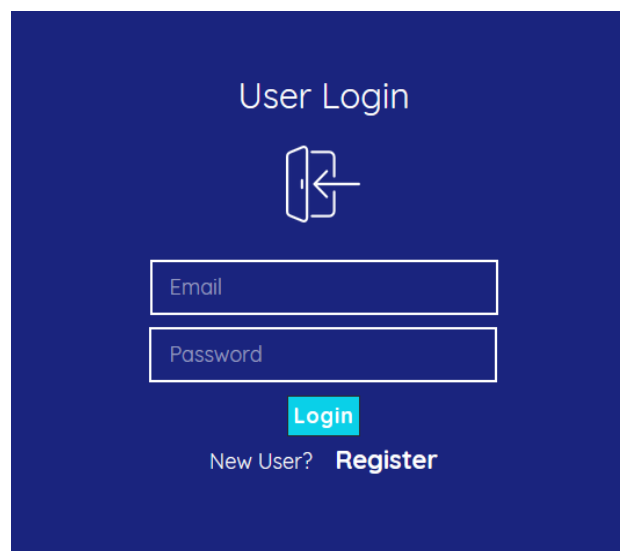
**5. ARCHITECTURE DIAGRAM**

## 6. WORKFLOW DIAGRAM FOR ANDROID

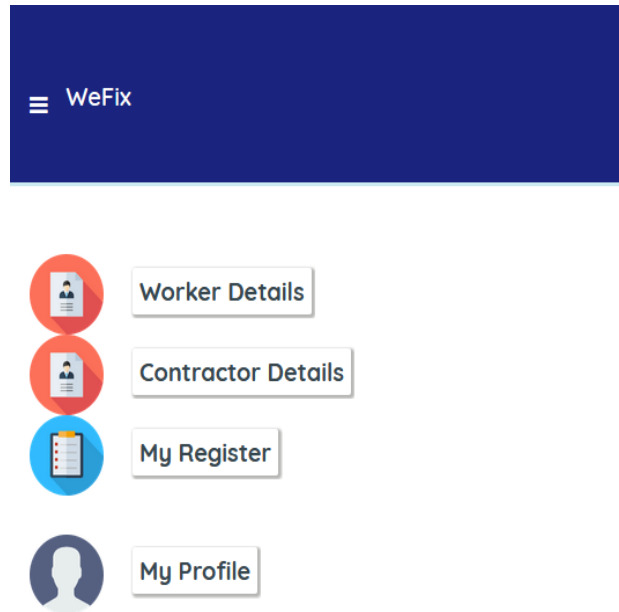


## 7. RESULT

In this section, analyze the results of the proposed system. The screenshots are the results of the system.



**Figure 7.1** : User login



**Figure 7.2** :User interface

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## 8. CONCLUSION

Using this information, users, contractors or organized sectors can select the workers as per their need. At the time of worker selection, company or user can view the worker skill, 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.

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