

Chore Pay – Magnified Task Colligation

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Abstract - The main aim of this project is to provide jobs to all the people in the world. Based on its advanced computing and ubiquity, the smartphone has rapidly been adopted as a magnified task colligation tool. With a growing number of users and a wide variety of applications emerging the Smartphone is fundamentally altering our current use and understanding of people and posting the jobs. Based on a review of Smartphone apps, this project evaluates the current functionalities used in the domestic Grid computing domain and highlights where the next major developments lie. Then, at a more conceptual level, the project analyses how the Smartphone mediates jobs and the role it might play in more collaborative and dynamic posting decisions to facilitate sustainable work. In this application, we have to choose a particular destination and the exact location of our address and also what we want to choose for working. This application will be taking through you to the perfect destination and the perfect place for works at those places. By using this application, we can able to allocate timings for our working time in particular places. And we got the message from our application. This will be really useful to make a decision for our work at particular places through Smartphone. The android application will help you to intimate each and every detail and make your work easier

Key Words: All kinds of jobs, Searching, Google Maps API, Mobile Phones

1. INTRODUCTION

The main objective of the system is to provide jobs to all the people by posting an ad which contains all kinds of work. It is very useful for the unemployed and also for the students that they can do it as a part-time job. To provide the jobs by posting the ads, so that the job seeker would have interest in that he can apply for that job, it will get notified to the job provider and then he sends the location of his place to the job seeker, so that the job seeker will chat to the job provider and gets clarification about the work whether it is a technical or general work. If he is interested in that he would go to the job provider place and starts working. According to the working time and completion of the work, the job seeker can ask for the best price for his work so that the job provider will give the salary to the person if he is satisfied with it, So, he can pay through online or spot payment which is easy for them. After finishing all the working and payment process the job seeker and the job provider must give the feedback and rate the person according to his work. This will be very

useful for jobless people as well as students who can work as a part-time or full-time job.

2. LITERATURE REVIEW

2.1 Free Lancing Websites

It is a Web Application. Platform to post our job and also seek for jobs related to Technology. The project can be taken over by only professional. Also, a person can recruit a particular person based on their portfolio. Payment is done via online, and also it is negotiable according to the quality of the work done.

2.2 Zomato and Swiggy

It is a Web Application for admin and mobile platform for the client. This platform is used for food ordering and delivery purpose. Hotels are getting benefited by the orders gathered via mobile application platform. Driving professionals are utilized as a Delivery boy. Payment is done via online and direct Payment

2.3 Quick Ride, Ola, and Uber

This is a mobile platform. It helps the car and bike owner to earn money by providing a lift to the others who willing. The motive of this application is to reduce the carbon factor. It helps only the car and bike owners. Presently it is not live in all over India.

3. REQUIREMENTS ANALYSIS

3.1 Hardware Description

Hardware description is a specialized computer language that includes a textual description consisting of operators, expressions, statements, inputs, and outputs. Instead of generating a computer executable file, the hardware description compilers provide a gate map. The gate map obtained is then downloaded to the programming device to check the operations of the desired data.

A. Processor – Intel I5

A processor is the logic circuitry that responds to and processes the basic instructions that drive a computer. The four primary functions of a processor are fetching, decode,

execute and write back. The basic elements of a processor: The Arithmetic Logic Unit (ALU), The Floating Point Unit (FPU), Registers.

B. RAM – 8 – 16 GB

RAM stands for Random Access Memory that can be accessed randomly; that is any byte of memory can be accessed without touching the proceeding bytes. RAM is found in servers, PCs, tablets, smartphones and other devices such as printers. It is a type of data storage used in computers that are generally located on the motherboard.

3.2 Software Description

It is a set of instructions and associated documentation that tells a computer what to do or how to perform a task or it can mean all the software on a computer, including the applications and the operating systems.

A. Firebase Database

Firebase is a mobile and web application development platform developed by Firebase, Inc. in 2011, then acquired by Google in 2014. As of October 2018, the Firebase platform has 18 products which are used by 1.5 million apps.

B. Android Studio

Android Studio is the officially integrated development environment for Google's Android operating system, built on JetBrains' IntelliJ IDEA software and designed specifically for Android development. It is available for download on Windows, macOS and Linux based operating systems.

4. PROPOSED SYSTEM

It is an Android Application to offer full scale freelancing on various types of jobs. The user can be anyone in the world can use this app's environment to make done their job efficiently. The motive for constructing this app is to reduce unemployment. There are two different modules present in this Application. They are Job Seeker and Job Provider. Job Seeker will be used by the person who is skilled and looking for job and money. Job Provider will be used by the person who is looking help for doing their own work and also ready to pay money. Both modules are equipped with GPS facility. GPS is used to locate the job seekers location and also track the job availability location. Basic idea behind the Chore Pay is to eradicate the unemployment. Job Provider can post their own job using this platform. It can be any job or task they can post in this platform. The person relatively skilled to that job will accept that job and visit the job posted location. Finally both Job Seeker and Job Provider will enter the rating and feedback

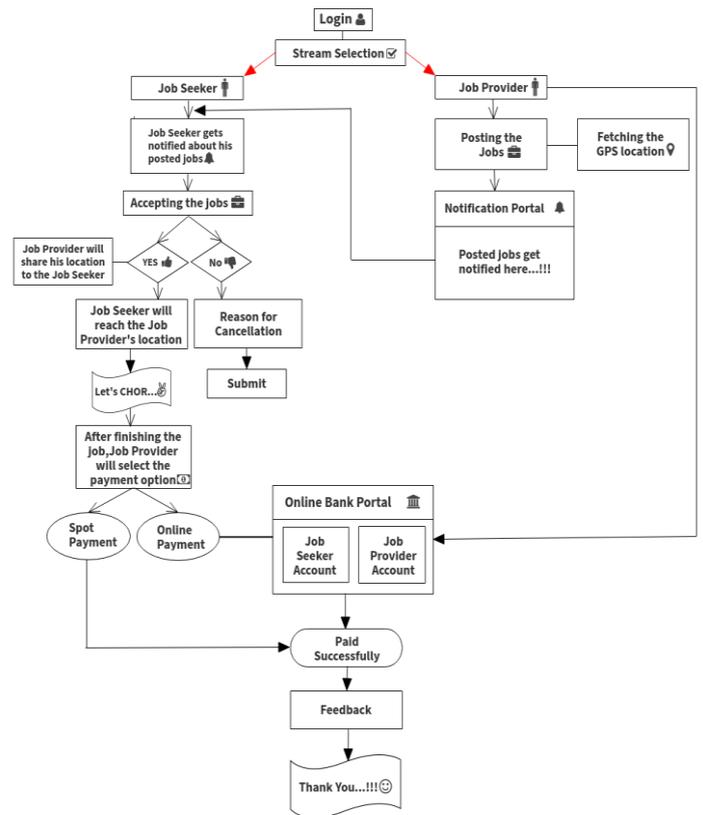


Fig -1: System Architecture

5. MODULE DESCRIPTION

A module is a separate unit of software or hardware. Typical characteristics of modular components include portability, which allows them to be used in a variety of systems, and interoperability, which allows them to function with the components of other systems. The term was first used in architecture.

5.1 Job Seeker

This is one of the major modules in Chore Pay Architecture which is used by the unemployed person. This module will help the user get hired by the job provider for a specific job and a particular duration of time.

A. GPS System

This is a module for getting knowledge about the posted job location and also helps the job seeker to navigate himself by the shortest distance to the accept job by navigator

B. Online Payment System

This is an online payment system to accept the payment from the job provider for completing their job. It will be secured by External encryption system.

5.2 Job Provider

This is another major module in Chore Pay Architecture which is used by a person who is willing to hire an external person to do his job. It can be any job that the job provider can post it.

A. GPS System

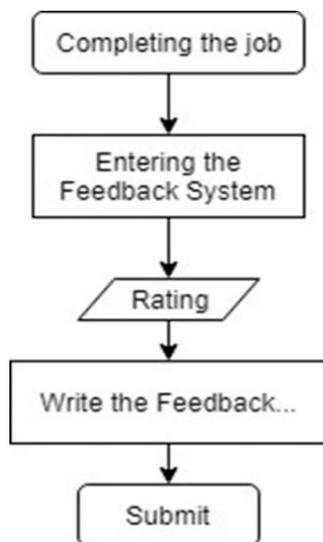
This is a module for tracking the person who is willing to take over our job posted and also it is helpful to job provider to count the number of job seekers nearby them.

B. Online Payment System

This is an online payment system to make the payment to the job seeker who assigned himself for completing the job provider's job posted

5.3 Feedback Recording System

Generally, feedback issued from the user will be helpful to know about both Job Seeker and Job Provider. By understanding the client's character and behavior we can ensure the security for both characters. Feedback recorded from the Job Seeker will help us to know about how Job provider is treating the Job Seeker and how fare he is paying and etc. Likely the Feedback recorded from Job Provider will help us to know how fare the Job Seeker will taking care on their profession, and how will they finishing his job based on time, also help us to know their punctual.



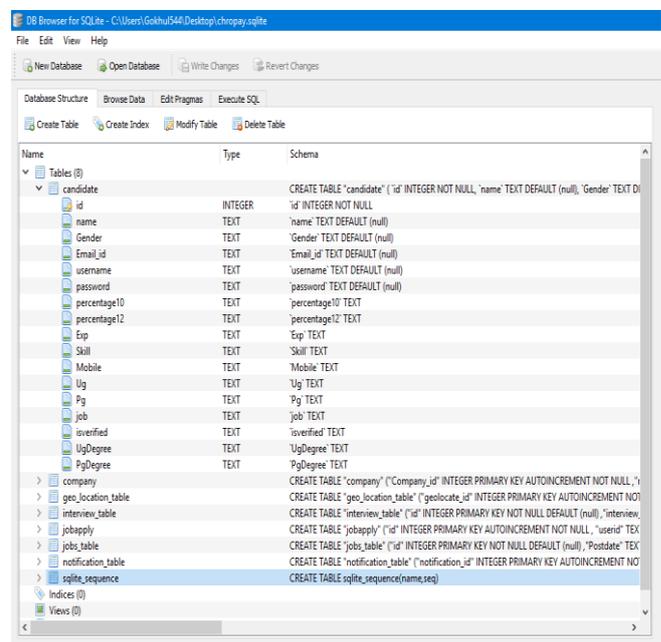
3. DATABASE EMPLOYED

SQLite is an embedded SQL database engine. Unlike most other SQL databases, SQLite does not have a separate server process. SQLite reads and writes directly to ordinary disk files. A complete SQL database with multiple tables, indices, triggers, and views, is contained in a single disk file. The database file format is cross-platform - you can freely copy a

database between 32-bit and 64-bit systems or between big-endian and little-endian architectures. These features make SQLite a popular choice as an Application File Format. SQLite database files are a recommended storage format by the US Library of Congress. Generally, feedback issued from the user will be helpful to know about both Job Seeker and Job Provider.

6.1 Database Structure

DB Browser for SQLite (DB4S) is a high quality, visual, open source tool to create, design, and edit database files compatible with SQLite. It is not complex to implement in Android Application



7. IMPLEMENTATION

7.1 Android

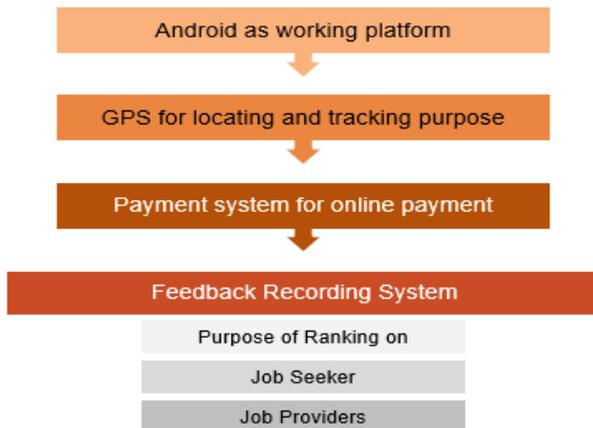
Android is our primary platform to use the application. Because nowadays many people are using the smartphone as a primary device to make a call and another purpose. Those mobile phones are equipped with Android as a working Operating system. Android is the best interface to Simplify our life and it also takes the automation to the next level

7.2 GPS

GPS will help us in two ways. Firstly, Job Seeker will Use GPS to know the Job Provider's Location. So that he can route himself to that location. Secondly, Job Provider will make use the GPS to know the Job seeker's Location, and also, he can track the Job Seeker's arrival.

7.3 Online Payment System

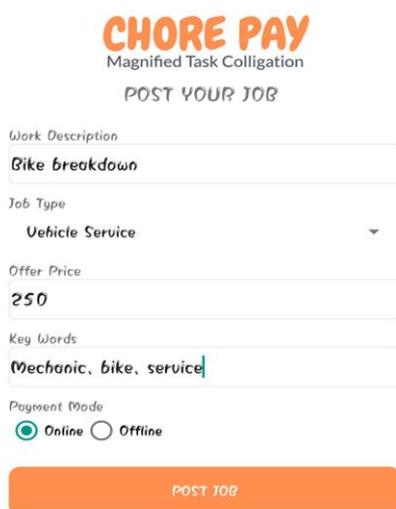
Unified Payment Methods are employed in this Application to Support Digital India and Cashless Economy. This online payment will help both clients to easily making payments and accepting the same.



8. DEVELOPMENT

8.1 Job Posting Portal

Using this Activity client (Job Provider) can post their job. They need provide the job description and type of the job and how he will paying for the Job Seeker who finishing that job, and then keyboard related to that job which will help in the job searching list out, finally the mode of the payment which Job Provider will make payment. The Application itself will tag the location of the job will Job Provider posting the job. Job Provider can't provide a different location, because it is mandatory that Job Provider needs in the exact location where he posting the job. So that it is easy to verify job satisfaction after Job Seeker finishing the job.



9. CONCLUSION

Every people can do it as a part-time or full-time job based on their interest so that it is a very good platform for those who are unemployed. It will post the ad in the application so that the people can find the jobs which are comfortable for them to work. It supports the online payment system which helps in hassle-free payment for both admin and clients using it. Chore Pay is a modern Mobility platform which helps in part time and full time earning through the job portals

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