INTERNATIONAL JOURNAL OF

MULTIDISCIPLINARY RESEARCH

IN SCIENCE, ENGINEERING AND TECHNOLOGY

INTERNATIONAL
STANDARD
SERIAL
NUMBER
INDIA

Impact Factor: 7.54

A Survey on Finding Care takers through Android App

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ABSTRACT: The number of Android applications has increased dramatically all over the world. People of all ages use Android applications for various reasons. The internet and applications have grown in importance in recent years. Companies have recognised its potential and the fact that it can reach out to any company's concerned customers. People turn to technology for a variety of reasons, one of which is to make their lives easier. Online concierge finder app is one of the areas with a lot of potential. When it comes to finding caretakers, it is difficult to do so manually, and believing them is a time-consuming process. Android application development is exploding all over the world. People are turning to technology to make their lives more innovative and to solve their daily problems. Our smart app focuses on quickly locating caretakers by searching for them in the app. A list of caretakers, along with their contact information, can be obtained, allowing you to learn more about them. The open source software called Android Studio is used to create the app's development environment.

KEYWORDS: Android app, job seekers, caretakers.

I. INTRODUCTION

In today's global economy, the challenges associated with finding a suitable job is amplified by the technicalities associated with the Job search process which is seen by experience. Normally when we want to apply for a job, we search the newspapers; listen to radio and television broadcasts that may advertise vacancies and also job seekers register themselves with job site portals such as Academickeys.com, Monster.com, and Careerbuilder.com and so on. Many employers do not register themselves with these mediums to provide full details of the job specifications but instead post important details on their own website only. Also with the growing number of online job search engines, segmenting the online labor market into "information islands", make it almost impossible for job seekers to get an overview of all relevant positions [1]. Therefore we do not always get to know all the vacancies, the nature and status of the employer to decide if this is the sort of job that is being sought for. Also at times we get flattered by the company's profile but don't get information about the rating of the company by the existing or past employee in terms of salary and so. Taking all these into consideration we propose to develop an intelligent agent (instead of a human agent) to perform the same search operations by interacting with the employer and job search coordinator agents. We propose to use an agent based utility concept to provide suitability profiling based on configurable factors such as distance from work, days and shift requirements, work environment, safety and hazard considerations, remuneration, skill-set, etc.

The proposed system would be based on the ANDROID, technology to provide mobile and web based accessibility. This application is not only to search the job here it is helpful to finding the job especially for the one who need the take carers for their homes, this containing separate module for that and they can identify them easily by observing their profile.

ONLINE JOB SEARCH AND APPLICATION SYSTEMS
Job search is not a new area as several significant works have been done in several key areas to modernize, improve security and increase the success and usage of these systems. Some of the works that have inspired the conception of this research include:

'Improving Job Search by network of professionals and companies' research in which job clusters were created to provide relationship between categories of professionals and company needs and is based on a network of job offers, discovering interesting relationships between them and clustering these to represent companies or professional. The output is a visualization of the network of professions and companies [2]

The 'Semantic Web-based' recruitment research used the data exchange between employers, applicants and job portals; and is based on a set of vocabularies in ontology which provide shared terms to describe occupations, industrial sectors and job skills. Monster.com uses a similar semantic web-based technology [1]

'Agent-based Application for Supporting Job Matchmaking for Teleworkers' is a multi-agent system that performs job matchmaking in teleworking community focusing on the time consuming task of searching for appropriate working partners [3].

Job Search Theory In a dynamic labor market, the process by which people find new jobs has importance to policymakers and scholars also. Policymakers have made attempts to design training and other programs to help match an individual's skills with the requirements of potential employers [13].

Job-search theory attempts to propose strategies for making optimal employment decisions by considering factors that determine individual's demands and their prospect for finding an acceptable job offer [13] Job search models are measured in both discrete and continuous time and a simple model can be used to represent the basic search behavior of an unemployed worker where the intent is to maximize expected utility.

This research focuses on Discrete Time Job search. In Discrete Time Job search the individual is interested in choosing a policy (i.e. a sequence of decision rules) that determines whether or not to accept any particular job offer. The eventuality of the job offer is referred to as the outcome and is dependent on preferences of the searcher such as skills, pay, location of the employment opportunity, and the willingness of the employer to employ the searcher. The review of job search theory provides the basis for a discussion on agent-based utility relevant to the job search process.

II .PROPOSED SYSTEM

.Even people in today's world are preoccupied with their own schedules, making it difficult for them to care for their loved ones. Some people are looking for employees to look after their loved ones, but finding someone manually during their busy schedule is also a difficult task for them. There are numerous online platforms available for users to use when looking for a concierge. All Android platforms are inefficient in meeting the needs of users.

The app includes unique features and user-friendly pages to help you get the most out of the modules you've built. This app proposes a system for locating the concierge using only their fingertip. The admin, concierge, and users can all use the web portal and android app at the same time. This app can assist users in quickly locating a concierge, retrieving their information, and learning the status of their request. App-specific features are capable of generating relevant mobile moments.

Finding employees for taking care Algorithm The following algorithm was developed based on the system architecture as shown in Fig.1.

- ➔ Applicant starts a Job Search session from the mobile phone and can be registered users and securely login or unregistered users can search for jobs but must be registered and logged-in to apply for any job.
- ➔ Applicant configures search settings. These settings can be modified at any point in time.
- ➔ Google maps plugin is used to select location (city)
- ➔ Applicant select additional search parameters such as salary, industry, education, allowances, rating period, etc.
- ➔ Criteria and settings from the user interface are pushed by the applicant agent to the job search agent using customizable job search ontology.
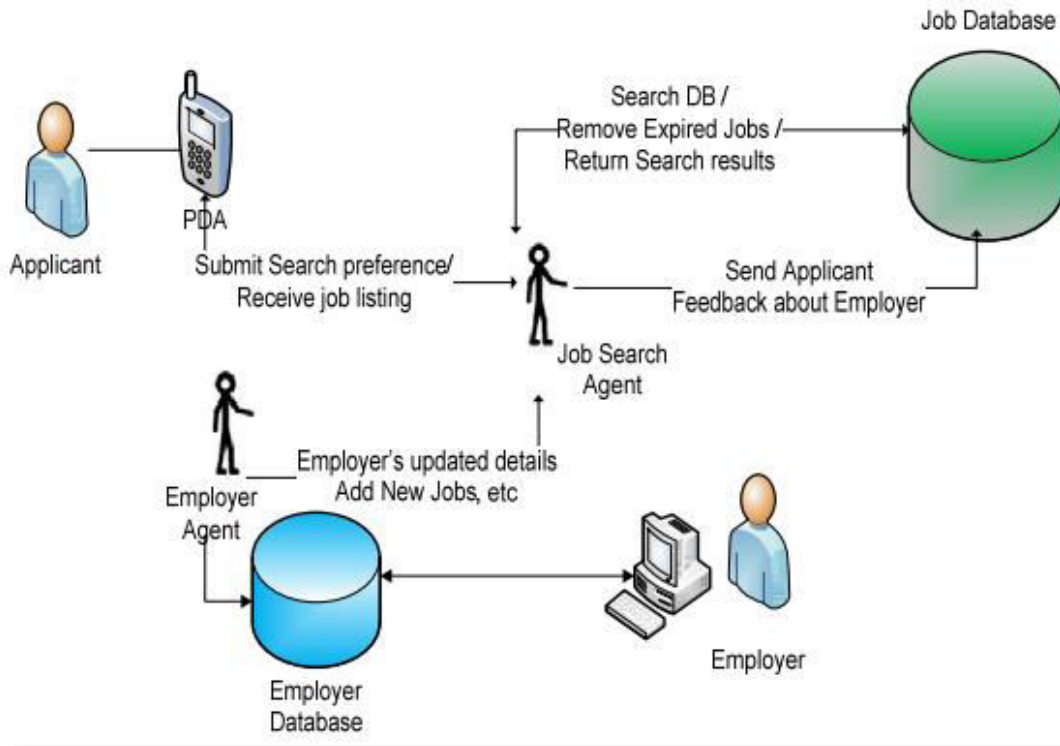- ➔ The job search agent builds dynamic queries from constraints and settings and execute on the database:

Fig. 1   Job Search Flow Architecture

III. CONCLUSION

As they say it is imperative that we move along with time, move along with the trend and try to make the world a better and efficient place to live in. If you look at it these applications save a lot of time, they save a lot of energy and they do even save some money. This app can helps to find the concierge easily; it can help the users to get their details and to know about the status of their request. The app-specific features are able to produce relevant mobile-moments. This android app is easy to use for both users and the concierge to get the status easily in their finger tip. Job Search and finding employees to take care of old ones is a very involved process that could require hours of interaction with different search sites, applications, human agents, etc. The system could be extended to include a secure application process where the applicant's experience and education is verified possibly by including biometric data along with the job application details which has been published elsewhere. In addition this search process could enhance the calculation of utility by including risk factors of success in choosing one job over another. This could enhance the probability of applying for the job that would be most suitable for an applicant on many levels.

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