A Review on: Job Portal- A Web Application for Distributed Clients

Pooja T. Killewale[1], Prof A.R. Mune[2]

ME. Student, CSE Dept DRGITR, AMT[1]

Asst. Professor CSE Dept, DRGITR, AMT[2]

Abstract: Our JobPortal consists of 3 modules. Admin, Recruiter and Jobseeker. The admin has authority over the complete portal. He can see the recruiter requirements & search the relevant candidates for that profile. Recruiter has to buy some packages after registration and can post jobs, view jobseeker profile, download their resumes as per the restrictions of the package for the given validity period. Jobseeker can register for free in our portal and can search and apply for jobs matching their profile. This research aims to develop a job web portal for the students in the Faculty of Computer Science and Information Technology The main aims of this portal are to connect to the industries and acts as an online recruitment to support the students to find the right IT job after graduation. Furthermore, this system enhances the understanding concept and importance of the job portal for students in the universities. A survey was conducted to identify the students' problems with the existing portal of the faculty and to gather their requirements which can be incorporated in to the portal to be developed.

Keywords: Job Advertisement, job hunting, job portal, job posting, job search, content management system, and web-based system.

I. INTRODUCTION

Unemployment is one of the serious social issues faced by both developing and developed and countries. For example, in Europe the rate of unemployment has been increasing rapidly since the 1970's.Dorn and Naz Mentioned that one of the reasons for this problem is the unfair distribution or lack of information on job opportunities so people are unable to now the new job vacancies. It means that there are some jobs available, but jobseekers do not have access to that information. An efficient search of the internet might help to jobseekers in their job hunt. There are some web portals that provide an efficient way to search the web for online information on job vacancies for jobseekers.

Today, the internet has changed many aspects of our life ,such as the way we look for jobs If one person wants to find a new job, he/she can submit a resume using word processing software like Microsoft Office Word, open a web browser to send the resume and receive an e-mail. Online recruitment has become the standard method for employers and jobseekers to meet their respective objectives.

II. LITERATURE REVIEW

A. Job Procurement: Old and New Ways
Job seeking usually involves different ways to look for jobs such as through personal contacts, direct telephone calls to employers, job agency office, scanning online job listings, etc. [3]. Before the Internet, became widely uses as a method of seeking jobs, jobseekers spent a lots of time using various methods to look for job openings. Today, jobseekers use online methods which are very convenient and save a lot of time. Galanaki [5] lists the following methods to be the traditional (old) ways for recruitment:

  Employment recruitment agencies
  Job fairs
  Advertising in the mass media such as newspapers
  Advertisement in television and radio
  Management Consultants
  Existing employee contacts
  Schools colleges or universities students services department
  Workers or professional referrals

These old job seeking methods are too slow, stressful, challenging and also lack quality [6]. In addition, the applicants have to consider the cost and the amount of time to get the information they need, and other preparations they have to

make. Finding all available job vacancies is a main step at in the job-seeking process. The Internet is now a powerful tool that jobseekers can use. Today, there are many sites that advertise job positions to be filled by people with certain skills in various fields. The Internet plays an important role in the area of human resource planning and development. Most planning and development organizations are now using computer technology and the Internet for staff recruitment. It should be noted that although the Internet has facilitated the process of job-seeking, it has not replaced the traditional methods, completely.

B. Importance of Job Portals

In the age of technology, the Internet has become the main source of information for jobseekers. Large corporations, Institutions, and universities include information on career Prospects on their websites. According to a survey, 70% of the workforce uses websites or portals on the Internet to Search for jobs in France. These websites or portals provide search engine to access information on job opportunities.

III. PROBLEM DEFINITION

It is not possible for the every job seeker to view the newspaper daily and the result is many of the people are become unaware of the jobs. People have to visit different places for the jobs which is much time consuming and costly.
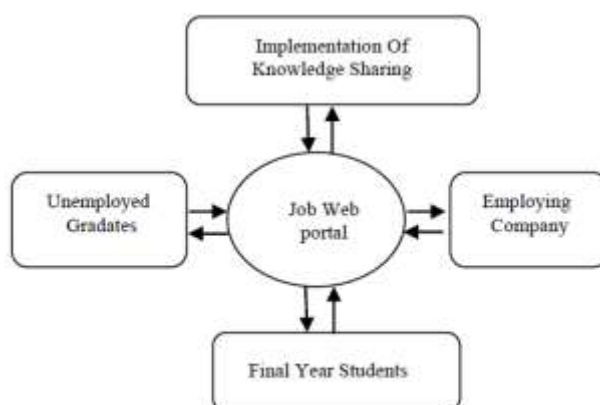
IV. SYSTEM ARCHITECTURE

Fig. 1. The conceptualization of the relationship between web portal, students and companies.

Algo used:
Admin:
Step 1 :- Start
Step 2 :- Enter username and password.
Step3:- Check admin is authorized or not from Admin table database.
Step 4 :-If authorized than get all its rights. And go to next step, if wrong then go to step 3.
Step 5:- Admin can confirm or deny Recruiter and viewRecruiter detail.
Step 6 :- Admin can manage jobseeker detail.
Step 7 :- Admin can view reports.
Step8:-If unauthorized than set message "Unauthorized user."
Step 9:- logout
Step 10:- Stop

Recruiter:
Step 1:- Start
Step 2:- Enter username and password.
Step 3:- Check Recruiter is authorized or not from recruiter table database.
Step 4:- If authorized than get all its rights. And goto next step, if wrong then go to step4.
Step 5:- Recruiter can post a job.
Step 6:- Recruiter can view jobseeker detail.
Step 7:- If unauthorized than set message "Unauthorized user."

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Step 8:- Logout
Step 10:- Stop

Jobseeker:
Step 1:- Start
Step 2:- Fill Registration form and upload resume.
Step 3:- Enter username and password.
Step 4:- Check Jobseeker is authorized or not from Jobseeker_table database.
Step 5:- If authorized than get all its rights. And go to next step, if wrong then gotostep4.
Step 6:- Jobseeker view company detail.
Step 7:- Jobseeker view company requirement and give feedback
Step 8:- Job seeker apply for the job.
Step 9:- If unauthorized than set message "Unauthorized user."
Step 10:- Logout
Step 11:- Stop

V. HARDWARE AND SOFTWARE SPECIFICATION (MINIMUM REQUIREMENT).

Database-- Sql server 2008
Application Server   -visual studio
Language -Asp.Net
Browser   -Internet Explorer 5.0

VI. ADVANTAGES

Job search has become easier for all the aspiring candidates. It has also become easier for recruiters to post their requirements and search for right candidates matching their requirements.
1.   Save time & work load for TPC Staff and students.
2.   work load for TPC Staff and students.
3.   Easy to access.
4.   Avoid fake Entry.
5.   Only Eligible students get chance.
6.   Improve accuracy in result.
7.   It will have a user friendly interface .

VII.   APPLICATIONS

The application area will be the centralized data storage of all users with efficient fine grained Updates. The application can be used in educational domain where the data management of all users is important.

VII.   CONCLUSION

We have provided maximum security for our portal. Otp is given each time admin logins, so that no unauthorized person can access the site. Sessions are maintained throughout the project.
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