INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH

IN COMPUTER & COMMUNICATION ENGINEERING

ISSN
INTERNATIONAL
STANDARD
SERIAL
NUMBER
INDIA

Impact Factor: 7.488

Online Employment Providing System

Mrs. Varsha Palandurkar, Mr. Prajwal Adhav, Mr. Chirag Gowda, Mr. Akash Agarwal

Lecturer / Mentor, Dept. Of Information Technology, AISSMS Polytechnic, Pune, India[1]

Final Year Student, Dept. of Information Technology, AISSMS Polytechnic, Pune, India[2]

Final Year Student, Dept. of Information Technology, AISSMS Polytechnic, Pune, India[3]

Final Year Student, Dept. of Information Technology, AISSMS Polytechnic, Pune, India[4]

Final Year Student, Dept. of Information Technology, AISSMS Polytechnic, Pune, India[5]

ABSTRACT: We have built a Web application/website which provides employment opportunities. We have bought employment seeking opportunities online. Earlier it was difficult to apply for multiple jobs at same time due to shortage of opportunities and being offline. But due to the advancements in technology it has been made possible to apply for multiple jobs online. Due to the utilization of internet the employment seeker can apply at any time. Our web application/website is totally free of cost, easy to use and understand with a user friendly interface. There is an employee login for people who want to seek employment and employer login for people who want to provide jobs or hire employees so more people can contribute to provide jobs and by this means the employment rate will increase. In our project, we are using client server system because there are multiple users, who access data. All updates are taken place on one database so there are no chances on duplication. All modules have its own method to access database. Initially, this application will be available as a web application for a small set of users to test.

KEYWORDS: Employment Portal, Low paying skillset jobs, Simple User Experience, Free job portal.

I.   INTRODUCTION

The unemployment rate of the world is at all time high.We need jobs to survive in this world but there are no sources from where we can seek employment. To solve this problem we have built a Web application/website which provides employment opportunities. We have bought employment seeking opportunities online.

Our web application/website is totally free of cost, easy to use and understand with a user friendly interface. Earlier it was difficult to apply for multiple jobs at same time due to shortage of opportunities and being offline. But due to the advancements in technology it has been made possible to apply for multiple jobs online. Due to the utilization of internet the employment seeker can apply at any time.
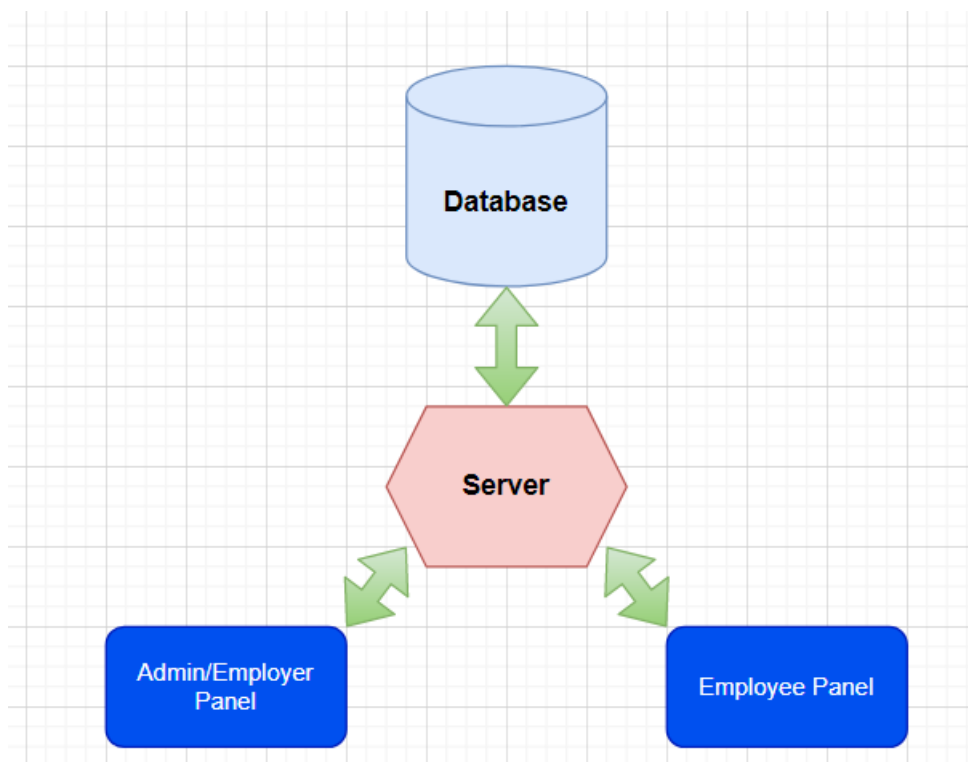
Figure 1. Architectural Diagram

II.   LITERATURE SURVEY

After identifying the problem related to online employment portals and the methodology, we took the survey of the following papers to see what type of papers had been published to solve these problems.

1)"An Effective Job Recruitment System Using Content-based Filtering",Volume: 04 Issue: 3 | Mar -2017
In Today's world of Internet job seeker always spends hours to find useful job. To reduce this laborious work we design and implement recommendation system for online job hunting. The main aim of this portal is to connect to the industries and acts as an online recruitment, to support the students to find a right job after graduation. What we propose in this paper is user model(Content Based Filtering)and social interaction(Collaborative Filtering) to improve the quality of job recommendation.

2)"A Online Job portal management system",Volume 3 Issue 9 | February 2017
 In the current scenario, there is a rat race in each and every professional field. It is also true for job market. A job portal is a website dedicated for online information about recruiters as well as job seekers. A job portal helps both the job seekers and recruiters finding the right organization for the employees. In the case of job seekers, according to their educational qualification, experience and their preferences, the job portal shows the list of companies to the job seeker. And, to the recruiters, provides the suitable candidates from a pool of lacks. The objective of this application is to develop a system to enable interaction between employers and applicants. The determination is to allow communication between the interested parties and complete the task of recruitment quickly.

3)"Job Portal- A Web Application for Distributed Clients",Vol. 6, Issue 5, May 2017
: 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.

4)"Job Portal-A Web Application for Geographically Distributed Multiple Clients",Pune, (INDIA), DOI 10.1109/AIMS.2013.38
Acquiring knowledge and specific job skills have become the main objectives for students in the universities. Knowledge is necessary to make informed decisions, especially, in a critical situation. Knowledge and knowledge management (KM) in any organization are crucial to give it a competitive edge in today's challenging and globalised environment. In this paper authors have proposed a design of on-line recruitment system, that allows employers to post their job advertisements, which job seeker can refer to, when looking for jobs.

III. PROPOSED METHODOLOGY

After taking the survey from above papers we have identified that there can be some more work we could do on this topic.

We have built a web application/website which provides employment opportunities. We are using a top down approach for building the web application which has a client server architechture and uses HTML/JavaScript is used as the front end for designing the visuals and fluid graphical interface and MySQL database as its backend. Our web application/website is totally free of cost, easy to use and understand with a user friendly interface. There is an employee login for people who want to seek employment and employer login for people who want to provide jobs or hire employees so more people can contribute to provide jobs and by this means the employment rate will increase.

1. Admin Login:
Step 1: Admin has all the authority in the webpage.
Step 2: Admin can add the Employers and edit/view their Job posts and profiles.
Step 3: Admin has the authority to manage the employee's applications and its details.

2. Employee Login:
Step 1: User can register themselves by filling the simple registration form.
Step 2: After registration, user can login and search the Jobs which he/she wants to apply for.
Step 3: User can change the password for security reasons.

IV. SOFTWARE REQUIREMENT

- Web Browser : IE 8.0 or Mozilla 3.0.8 / Chrome or Above.
- OS   : Windows 07 and above
- Software   : V.S Code, Xampp, Apache Tomcat, MySQL.
- Front End   : CSS, HTML, Javascript, Bootstrap.
- Back End   : MySQL, PHP 8.0
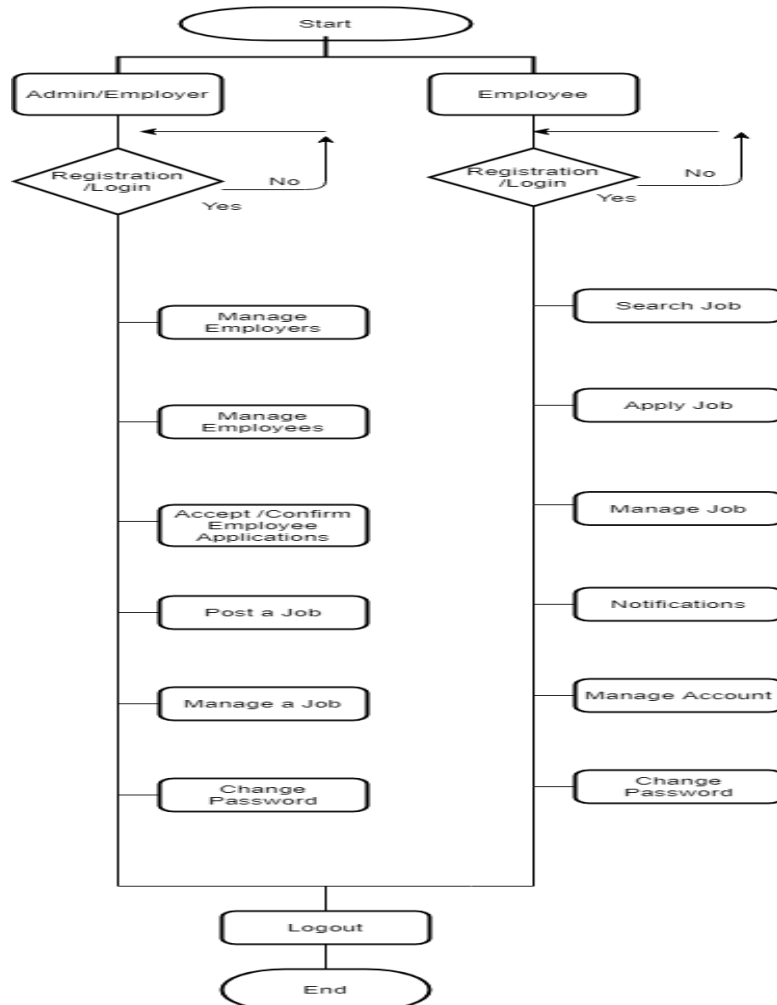
V.   PROPOSED SYSTEM DESIGN

Figure 2. Data flow diagram

VI.   IMPLEMENTATION AND RESULT

We developed a website that showsjobs for the people who have a low paying skillset.Here users can register themselves by firstly filling the registration form in and then they can easily apply for multiple jobs or jobs at which they are proficient with.

Then the admin can accept or reject the potential candidates and then hand it over to the employer. With many layers of filtration there is less possibility of a potential scam.

RESULT: Here is the result or the output of the project.
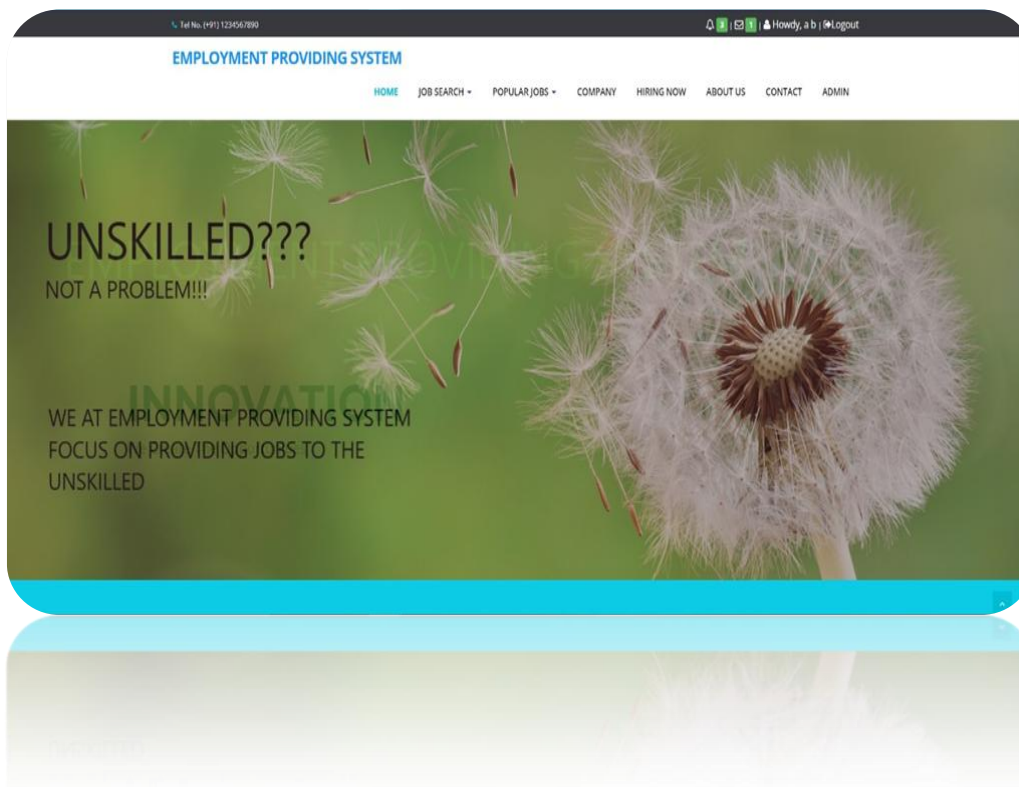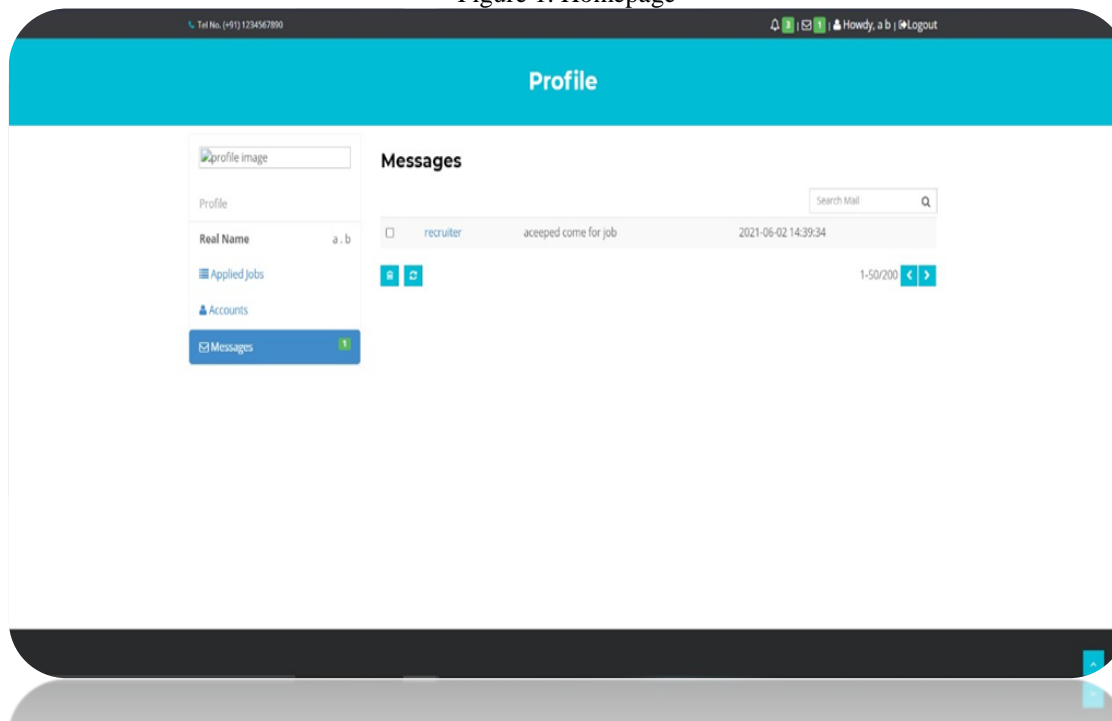
Figure 1. Homepage

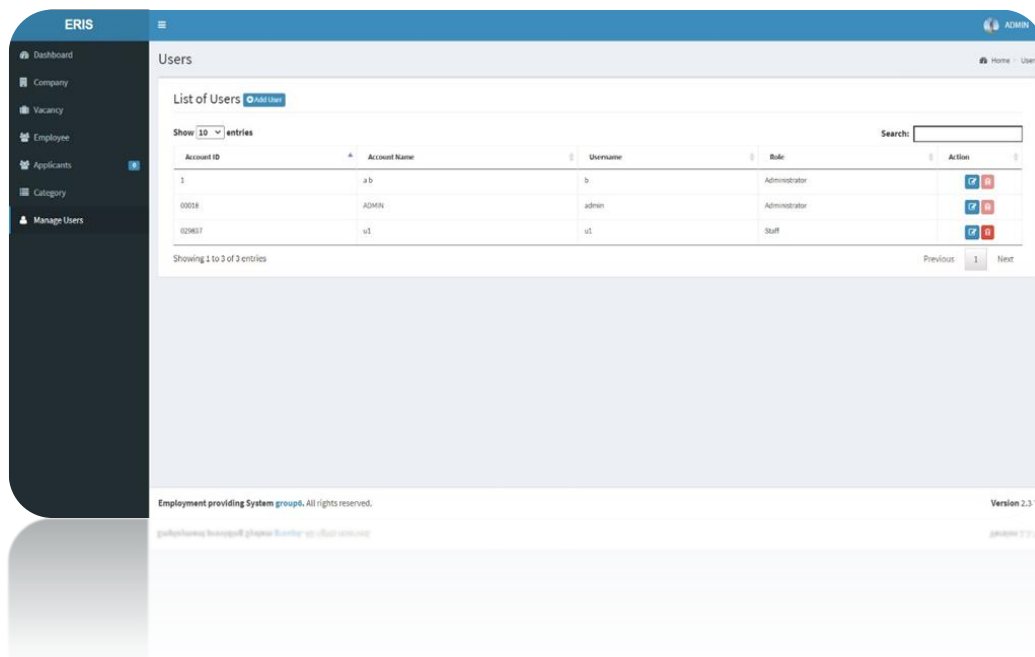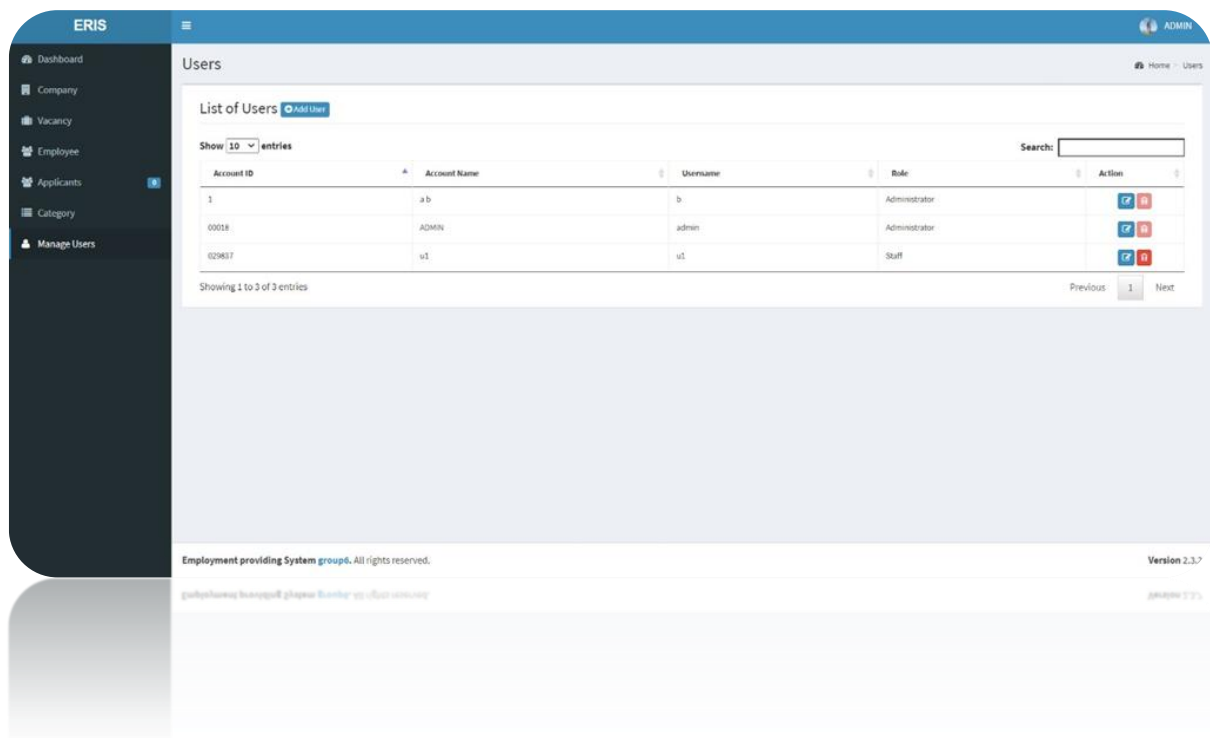Figure 2. Profile page
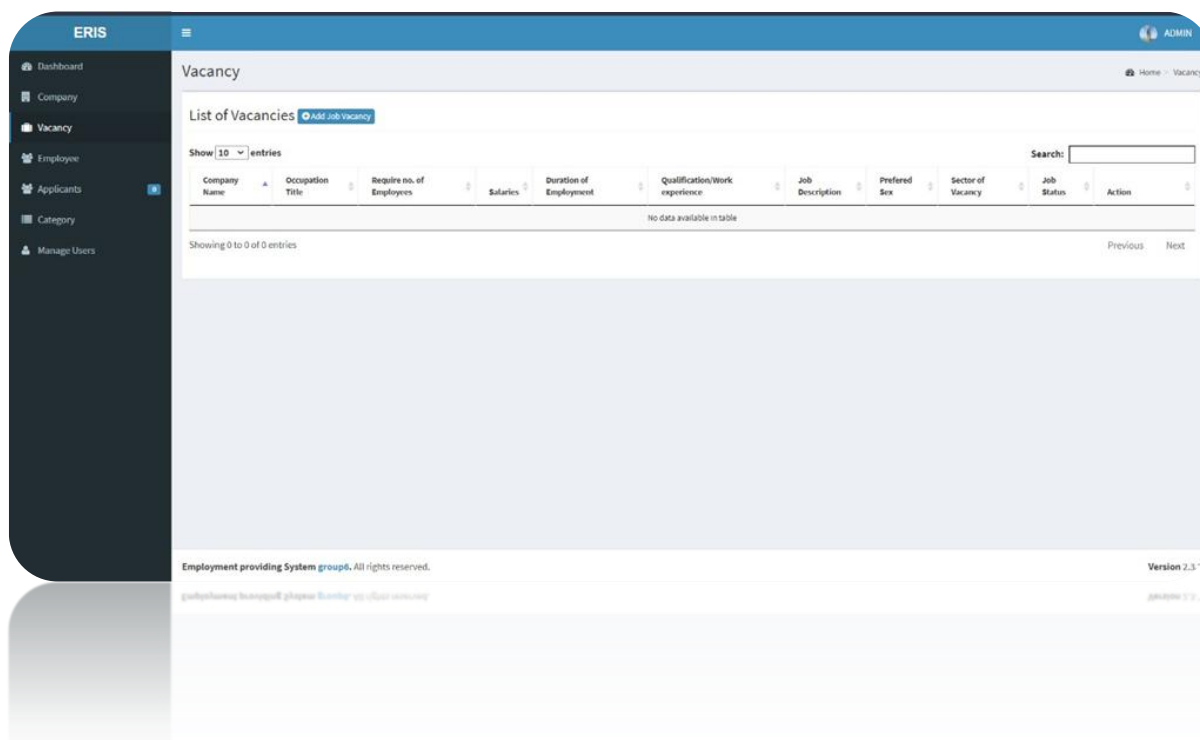
Figure3. User section

Figure 4. Adding new users

Figure 5. Adding new vacancies

CONCLUSION AND FUTURE WORK

Thus we have created a website for providing employment to the people having low skill set or to the ones looking for basic jobs
The Employer registers himself or his company which will be then visible to the jobseekers and then they can easily apply for the job.
Our target audience makes this website stand out from the others available in the market
Our future plans includes making mobile application, more authentication methods and graphical enhancement of the website

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