

# **JOB PORTAL FOR FREELANCERS**

**S. E. Information Technology**

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## DECLARATION

We declare that this written submission represents our ideas in our own words and where others' ideas or words have been included, we have adequately cited and referenced the original sources.

We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in this submission.

We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

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## **CERTIFICATE**

This Java Mini-project Job Portal for Freelancers by Chinmay Katdare, Vaidehi Nanivadekar, Sahil Tambe, Aditya Vengurlekar is complete in all respects and was successfully demonstrated on 31/10/2022.

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## **Chapter 1**

### **Introduction**

Job Search Portal is a web application, which serves jobseekers to find available job vacancies and Employers to identify eligible job seekers with the prospect of selecting the most qualified candidates. The only way to select best-qualified candidate is to have a pool of eligible applicants, which is possible by drawing the interest of individuals in the market. Job search portals best serve this purpose. E-recruitment has become the standard means for employers and job seekers to meet their respective objectives. The traditional methods for recruitment includes Job fairs, University career employment services, Employee referrals, advertising in the newspapers, televisions etc. With the advancement in technology and growth of internet usage, the e-recruitment has revolutionized the way organizations hire and candidates search for jobs. With the Online Job search portals, the recruitment process is speeded up at every stage from job postings, to receiving applications from candidates, interviewing process. The cost of searching/posting jobs will be much less compared to the traditional way of advertising. Job search portal stands as an effective means for Employers to outline the job vacancies, responsibilities and qualifications to attract jobseekers. Using the portal jobseekers can extensively search for jobs in companies, organizations and regions they may otherwise have not learnt. In addition, candidates/Employers can write a review about an organization, which might help them to change the way things are done.

Before the pandemic, we estimated that just 6 percent of workers would need to find jobs in higher wage occupations. In our post-COVID-19 research, we find not only that a larger share of workers will likely need to transition out of the bottom two wage brackets but also that roughly half of them overall will need new, more advanced skills to move to occupations one or even two wage brackets higher.

## **Chapter 2**

### **Literature Review**

Finding jobs that best suits the interests and skill set is quite a challenging task for the job seekers. The difficulties arise from not having proper knowledge on the organization's objective, their work culture and current job openings. In addition, finding the right candidate with desired qualifications to fill their current job openings is an important task for the recruiters of any organization. Online Job Search Portals have certainly made job seeking convenient on both sides. Job Portal is the solution where recruiter as well as the job seeker meet aiming at fulfilling their individual requirement. They are the cheapest as well as the fastest source of communication reaching wide range of audience on just a single click irrespective of their geographical distance.[1]

The web application "Job Search Portal" provides an easy and convenient search application for the job seekers to find their desired jobs and for the recruiters to find the right candidate. Job seekers from any background can search for the current job openings. Job seekers can register with the application and update their details and skill set. They can search for available jobs and apply to their desired positions. Android, being open source has already made its mark in the mobile application development. To make things handy, the user functionalities are developed as an Android application. Employer can register with the application and posts their current openings. They can view the Job applicants and can screen them according to the best fit. Users can provide a review about an organization and share their interview experience, which can be viewed by the Employers.[2]

## **Chapter 3**

### **Problem Statement**

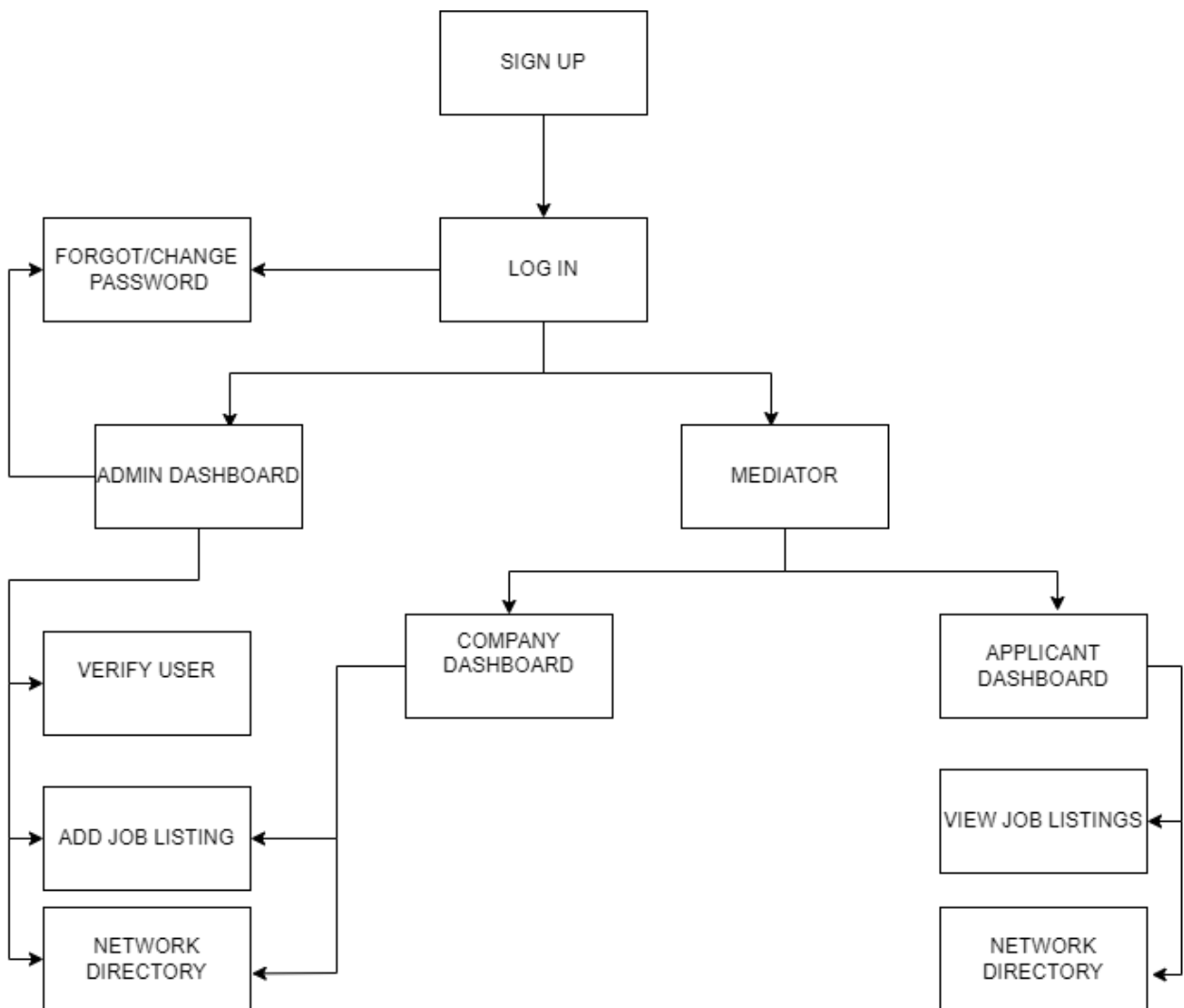
The existing system for job recruitment includes traditional methods like Employment agencies, advertising through newspapers, televisions and radios, college fairs etc., which are too slow and stressful. With the advancement of internet, jobseekers rely on the online job portals, which makes the job search efficient. Again, most of these are limited to the web/desktop applications, which requires jobseekers to have a laptop or desktop connected to internet and is not handy.

Job Search Portal is a Java-based web application as well as Android application that provides functionalities of e-recruitment on desktop and on portable devices like Android based smart phones/tablets. Both applications do not require internet to perform the desired functionalities.

Job Search Portal is developed to provide an effective means for the employers to post job openings with required qualification to have a better penetration into the job market and jobseekers to find out the information regarding the current openings in the organization. In addition, Employers can view the reviews provided by the applicants to make necessary improvements in their system if needed. Job search portal is both web based as well as an android application providing flexibility for the users.

## Chapter 4

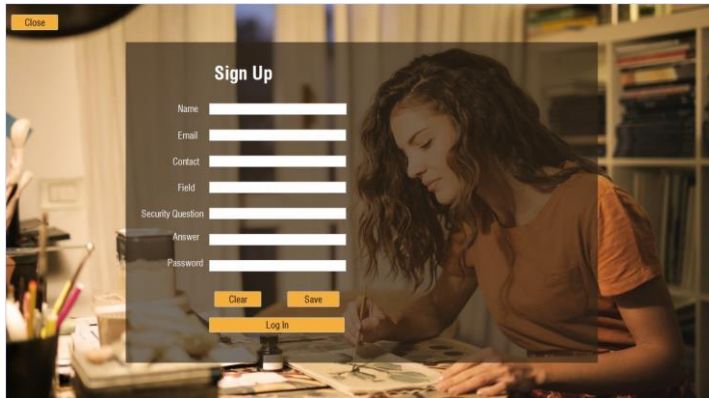
### System Design and Requirements



When the user enters the interface, they are greeted with the login page. If he/she is a new user, they have to register. For that, Name, Email, Contact, Field and Password are mandatory. After the registration, they are redirected to the profile page where they have to enter their credentials. All the constraints are saved to MYSQL Database and then the user is directed to the Dashboard page where they can search jobs of their fields.



## Chapter 5 Results



**Sign Up**

Name

Email

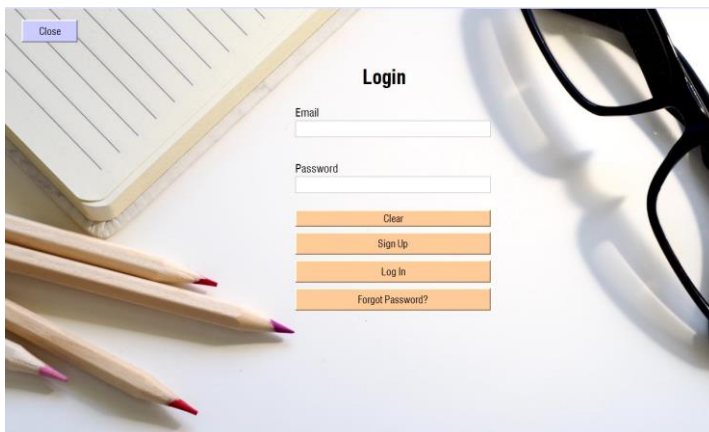
Contact

Field

Security Question

Answer

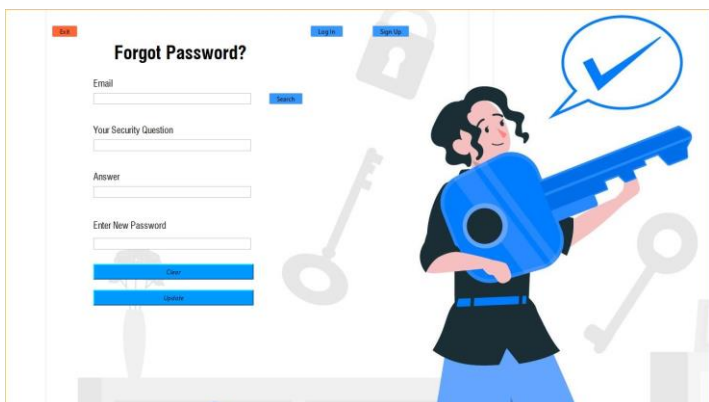
Password



**Login**

Email

Password



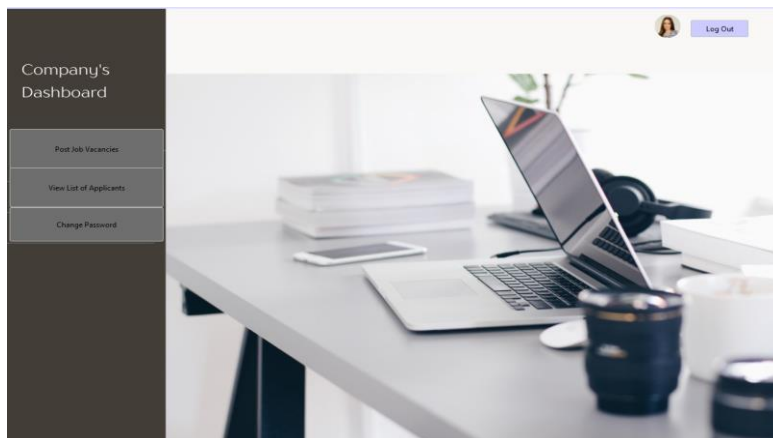
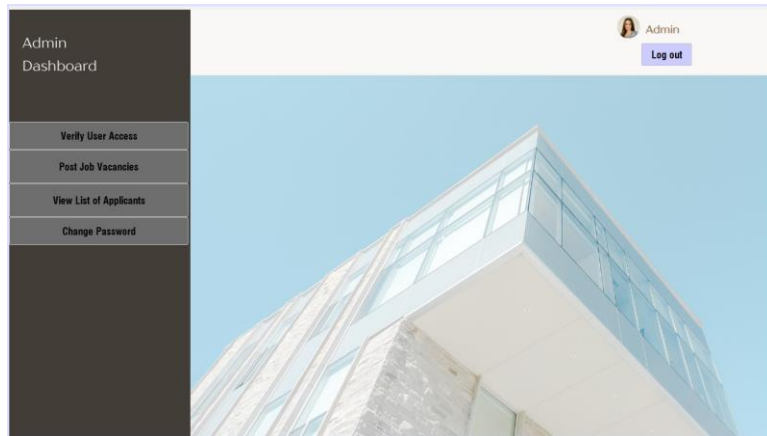
**Forgot Password?**

Email

Your Security Question

Answer

Enter New Password



We created the login page and the registration page using Netbeans JDK. Created the Database using MYSQL and made tables accordingly. We also linked the registration pages to the database and linked the buttons to the required pages and all the buttons are fully functional.

## **Chapter 6**

### **Conclusion and future scope**

With this attempt at the Java mini project we can infer learning on the industrial based management system's GUI designs and thorough development of Frontend, backend and linking of the respective to ensure smooth functioning of java application for the job search problem. This project can be further developed into a community centered networking directory exclusively for the freelancing sector and services. Also, this application can provide freelancers job listings not only for remote work but also for the neighborhood.

## **References**

- [1] International Journal of Creative Research and Thoughts, “A Study of Issues of Job Portal”, Research Analysis, Volume 9, Issue 4, Report 2021.
- [2] Soumya Mathukumali, “Job Search Portal”, Report 2016.

## Acknowledgement

For Inspiration:

Applications like LinkedIn, Fiverr.

For Frontend:

<https://netbeans.apache.org/kb/docs/java/gui-functionality.html>

<https://www.mockplus.com/blog/post/login-page-examples>

[https://dribbble.com/tags/login\\_page](https://dribbble.com/tags/login_page)

<https://speckyboy.com/creative-login-registration/>

For Backend:

<https://netbeans.apache.org/kb/docs/java/javase-intro.html>

<https://docs.oracle.com/javase/tutorial/getStarted/cupojava/netbeans.html>

For Database connectivity:

SQL faculty Ms.Vijayalakshmi for helping us with understanding and implementation and creation of real time database.

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