**JOB VACANCY MANAGEMENT SYSTEM FOR GRADUATED STUDENTS**

**GROUP – 11**

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**CONTENTS**

1. Introduction.
2. Problems in the current system.
3. Solutions.
4. Users of the system.
5. User requirements.
6. Features offered to users by the system.
7. Summary.

**INTRODUCTION**

Most of the graduated students have common problem in our country. That is to find most suitable occupation and most suitable company to work. Actually, it is important to find the best place to start their work by getting more opportunities to explore their talents and start their career successfully. Also, that company and opportunity should be suitable for their talents, degree, and academic performance, also their preference.

Finding job vacancy is tough, particularly for newly graduated students with in-demand technological abilities, which is interest in recruiting systems. These solutions are being developed to increase the efficiency of both recruiters which are companies and job searchers who are undergraduates. Also, this system has enhanced data security.

However, because the database system and installation expenses are frequently greater, this system is often best suited to medium and large enterprises. Advanced capabilities, such as resume processing etc. may lead to increased costs. In addition, extra effort from the recruiting team is necessary to handle the added capabilities, which may be tough for a small recruitment team. So, this system makes all of the user’s life easier.

Although, since this problem haven't a proper solution yet in the society. As a group, we started to find a solution for that problem. So, this project is creating a database management system for job vacancies offered for graduated students. By this, students and companies can avoid wastage of time. And this is a solution for many problems users have.

**PROBLEMS**

* Lack of knowledge about available vacancies in the field.

As graduated students who are new to the field, they haven’t such knowledge about the available opportunities. Also, there is a tough competition in job market. Due to that reason most of them are work in unsatisfied companies or they are still jobless.

So, by this system will show up the available opportunities.

* Students are unable to find the best company to work according to their qualifications.
* Companies haven’t proper publishment about their vacancies.

Without proper job posts/ publishments for their companies, it becomes trouble to both sides.

* Companies are unable to find best employees.

Most of the companies call many interviewers but they can’t find the ones who are most suitable for their company. By using this system most of the things will be easier for all. Companies do not want to call many interviews

* Unsureness about what jobs are good fit among students
* Giving up

Students may apply to hundreds of job vacancies even without knowing about them properly. So, when reject they will give up. So, this is a best solution for them. The job vacancies which are display on this system are always up to date and requirements are clearly shows. So, it will be easier for all.

* Unsatisfied about currently selected job among undergraduates

Undergraduates don't know what to do with their major. So, they can’t use their talents properly. It also causes to their unsatisfaction.

**SOLUTIONS**

* Designing a system to get to know about available vacancies in each field

Here we can enter our preferred field with our details. So, we can make good decisions. Also, in the current situation graduates missed an opportunity as a result of the lack of information, and the organization lost a possible application for the job posting. These kinds of problems solve by this system.

* Information of available vacancies provided

This system will show all available vacancies. So, students can freely choose the job and apply. Students can decide for a vacancy apply on their preferred industry by this system.

* Advertising company vacancies through this system
* Companies can get the details of students who have required qualifications for that particular vacancy.
* Companies can check students’ profiles and can make requests to their available job opportunity
* Companies provide job description with better explanation

By this system student can make choices according to their strengths and weaknesses as a personal test.

* The vacancies displayed on this system are constantly up to date, and the criteria are clearly displayed.

**USERS OF THE SYSTEM**

The users for this system are, **graduated students** and **companies**.

Students can enter their personal details (such as name, ID number, address, telephone number etc.), talents (such as sports, soft skills, strengths they have), preferences (such as preferred companies, fields to work) and find the vacancies from companies they preferred and qualified. Also, on the other hand, companies can update the vacancies they have. They can enter number of vacancies, job title, their company details (such as name, registered number, address, achievements as a company). So, students can identify the details of the companies and their vacancies up to date.

**USER REQUIREMENTS**

As the first step, should understand the problem clearly and take a clear picture of user requirements. According to that determined suitable solutions.

By studying the behavior of system, implement a suitable database and managed to get the required outputs.

Here must examine how users will interact with the system and what is required to meet the system's operating needs.

* Questionnaires and observations

Before implement the system, asked several questions from randomly selected users and got clear understanding about their ideas, basic requirements, preferences and aligned them with system.

* Referenced materials

Got information through relevant web sites in internet, LinkedIn etc

**FEATURES OFFERED TO USERS BY THE SYSTEM**

* Students can easily find out job vacancies
* Companies can publish their available vacancies
* Saving the time of both students and companies
* Anyone can see the profiles of students and companies who are registered with the system
* Display the list of companies by ranking them according to their achievements and ratings done by users
* Users should sign up first before using this system.

**SUMMARY**

In conclusion, it is identified that graduated students and also companies have difficulties when finding the best place to work and finding the best employees. So, as a solution for that our group is starting to build a database and manage the situation to make their lives easier. So, first they need to sign up with our system and give us their basic details and requirements by filling the given form. After that we analyze the data of both students and companies and display the required details to the user according to their requirements.

As an example, when students enter their details, it will show the available vacancies with the company details and when the company enter their vacancy details, it will show the student details who are able to apply for that vacancy.

That is a brief summary about the functionality of our system.