## **DATA STRUCTURES**

## **SEMESTER PROJECT**

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**E-RECRUITMENT**

**OVERVIEW:**

The recruitment system will help different companies to find potential candidates for the specific position. The systems will allow businesses to collect information, abstract the relevant applications based on experience and skill set.

**PROJECT DETAILS:**

**1- How it works:**

The system will abstract the provided information of the candidates according to the positions. All resumes of the same domain workers will be sorted, then in the next step the system will filter out the relevant applications. The system will also allow the user to search for the desired applications.

**2-Project Goals:**

The goals of the system are :

1- Recruit and place top-tier applicants.

2- To find more qualified applicants with appealing skill sets

3- To Abstracts the relevant and irrelevant applications

4- To screen applicants

5- Allow the user to search for the desired domain worker

6- To shortlist the potential candidates.

**3- Benefits:**

The E-Recruitment system will help the user to work more efficiently. The user can handle more resumes at a time. It will reduce the cost of time, as well as the cost of employees required to maintain recruitment and selection procedures.

**4- Required Data:**

The dataset which we have chosen for this project consists of approx 5000 CVs. This is basically the pool of applicants,In which we will extract the applicant’s name, his experience and the work domain,then will apply different algorithms of sorting and searching on it for further processes.

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