

## USE CASE STUDY REPORT : Milestone 1

Group No.: Group 15

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**Problem Statement:** Job Search tool cross platform

**Problem Definition:** The Job search tool will help potential candidates get job listings from different websites into one place, such that no job posting is repeated. The job search function will be cross-platform and provide applicant and employer information to the interested parties.

The main business entities are:

- 1) Websites
  - 2) Job listings
  - 3) User/Jobseeker
  - 4) Employers
  - 5) Applicants
  - 6) Account
  - 7) Roles
- The primary objective of the tool will be to create a one-stop shop for all job search needs for a candidate.
  - Rather than having to look for and apply at multiple locations (LinkedIn, Glassdoor, Indeed etc.), this tool will provide a single place to apply for jobs.
  - For every Job listing, it will have the company name, Job ID, Job title, Location, Salary.
  - These will be filtered and gathered from different Job Listing websites, which will have their own Website ID, Website Name.
  - The Job Listing will get refreshed every other day.
  - Each Job listing will have Applicants information i.e the number of applicants currently applied.
  - Every User will have a User ID, Name, Experience and Location while applying for a job listing.
  - The User will also currently have a Role which has a Role ID.
  - An Employer having employer ID, Employer Name, Employer Location can post about a job listing.
  - Both the employer and User will have an account, but they can either have a business account or a personal account.
  - Both the business and personal accounts will have a subscription fee and subscription duration. The fee varies depending on the account.

## ER DIAGRAM:

