

Team 8 - Job Portal Management System

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Problem Statement

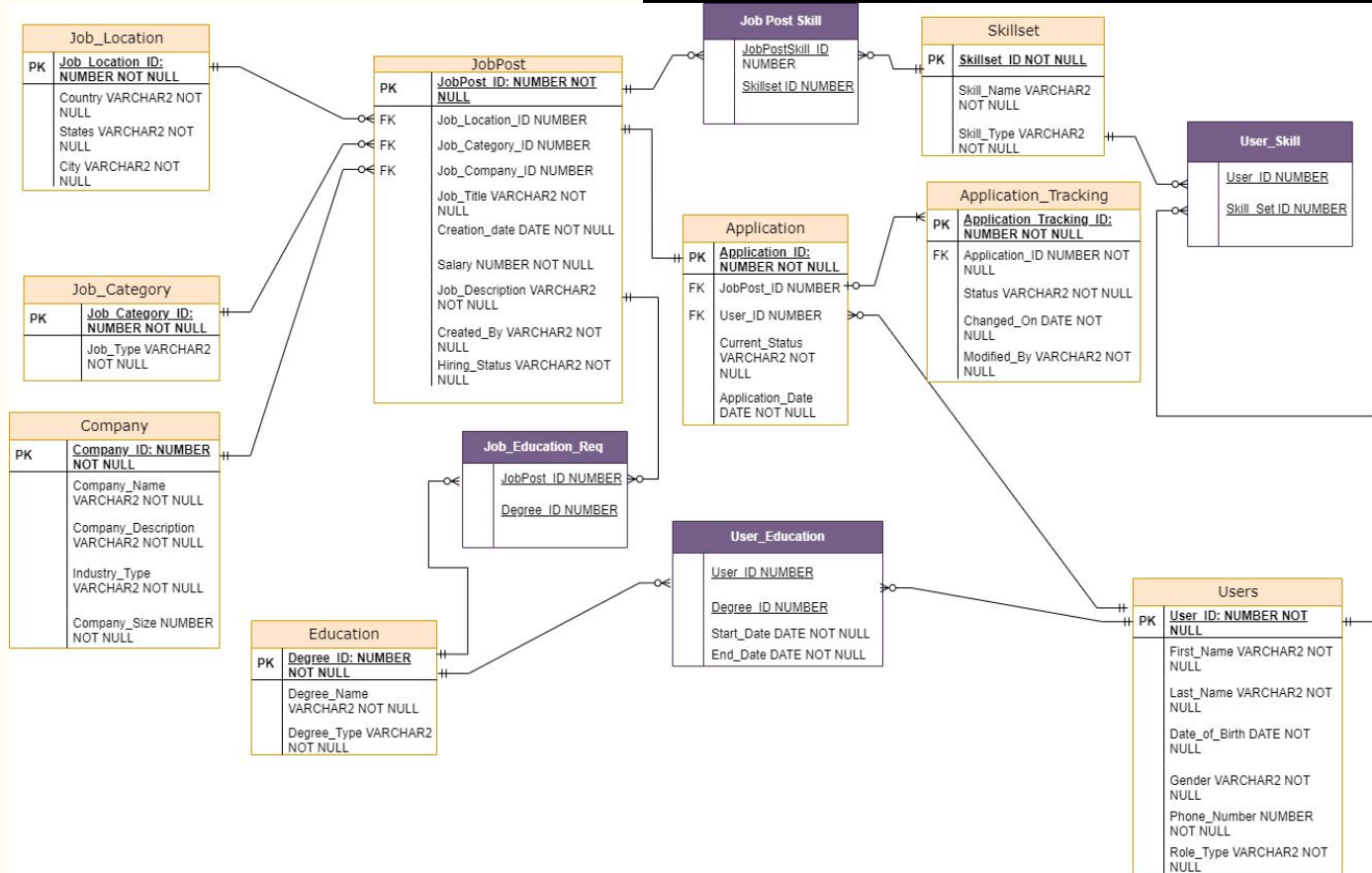
Problems faced by students looking for internships

- Students with busy schedules can't set aside time to look for co-ops and internships.
- Due to the absence of reminders and updates in a timely manner, busy students frequently lose out on opportunities.
- There is no centralized repository where all the jobs can be found and it is time consuming to search from different portals and apply

Objectives

- To provide a centralized and efficient platform for students to easily search and access relevant co-op and internship opportunities, saving them time and effort in their job search
 1. Create a centralized database to store internship and co-op roles.
 2. Ensure easy access to the database from multiple job posting websites like LinkedIn, indeed, and Glassdoor.
 3. Simplify the job search process for students with busy schedules.
 4. Students can search for jobs based on preferred location, job type (remote, onsite, hybrid), and skill set.
 5. Secure and confidential to ensure students' personal information is protected.

E R Diagram



Tables

Tables will define the database through column name, data type, constraints, and the description of those entities.

- Job Post - All the available job postings can be seen here
- Applications - The current status of the jobseeker's applications are stored here
- Application Tracking - The history of all applicant's status are stored here
- Skillset - All skills can be stored here
- User Education - Each user's education details are stored here
- Users - User details are stored here
- Education -
- Job Location - Locations of all the jobs posted
- Job Category - There are several jobs that are classified into various categories
- Company - Company details are stored here

Reports

Acceptance Rate for each company

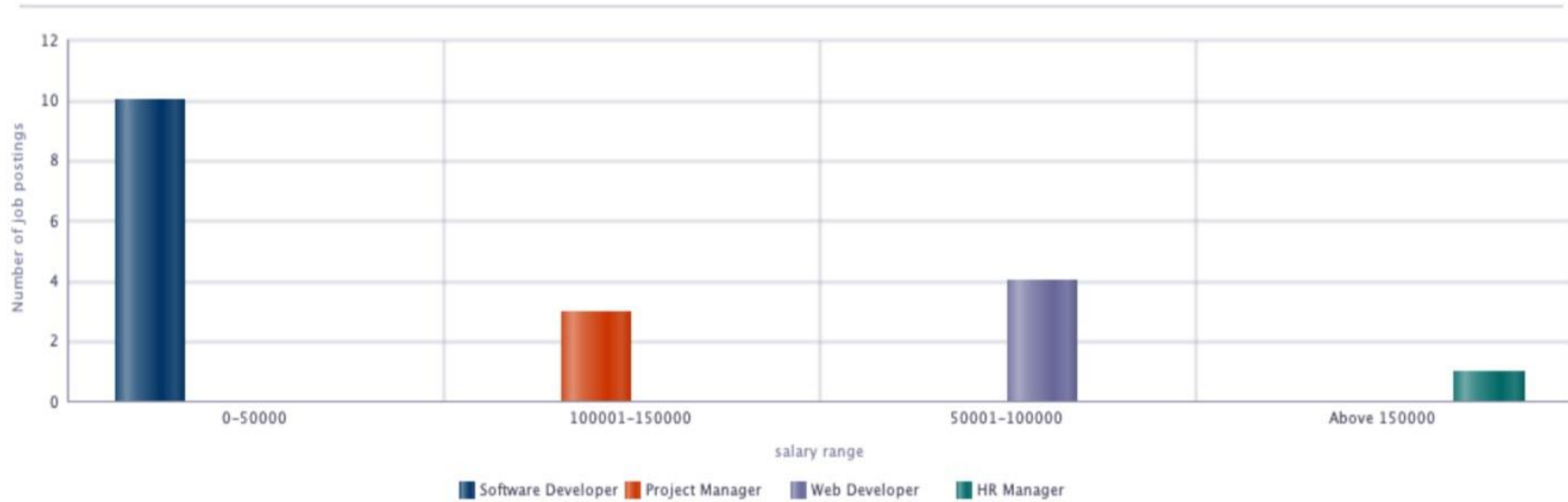
ACCEPTANCE_RATE

COMPANY_NAME	ACCEPTED_COUNT	TOTAL_COUNT	ACCEPTANCE_RATE
FoodMart	1	1	100
GreenEnergy	0	2	0
SwiftBank	1	2	50
Stellar Analytics	1	2	50
Brighter Tomorrow Foundation	0	1	0
TechSoft	1	4	25
Red River Consulting	0	2	0
Unity Technologies	1	2	50
ClearView Insurance	0	1	0
MediCare	0	4	0
Ocean Blue Seafood	0	1	0

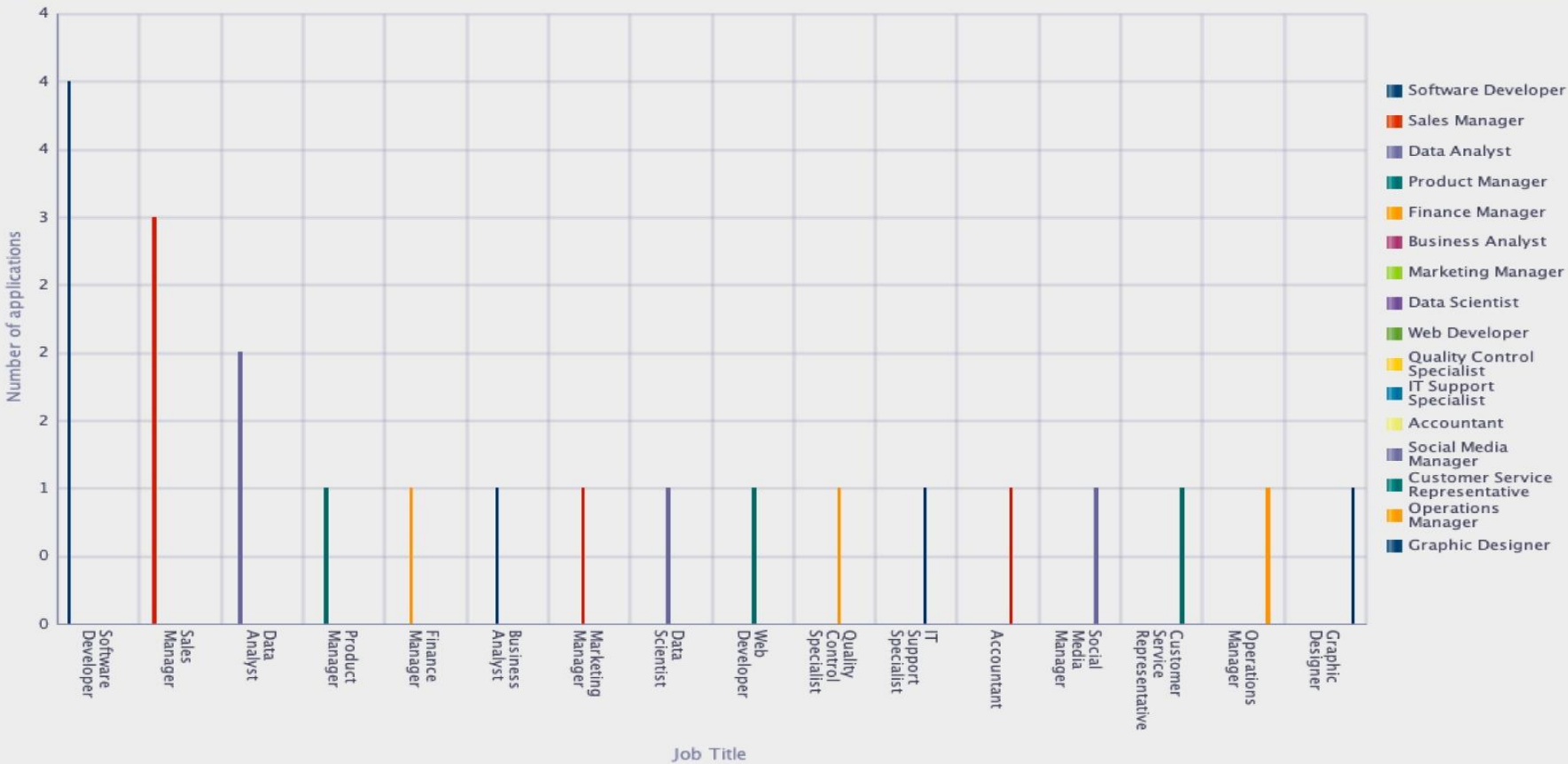
Salary based jobs

Salary_Based_Job

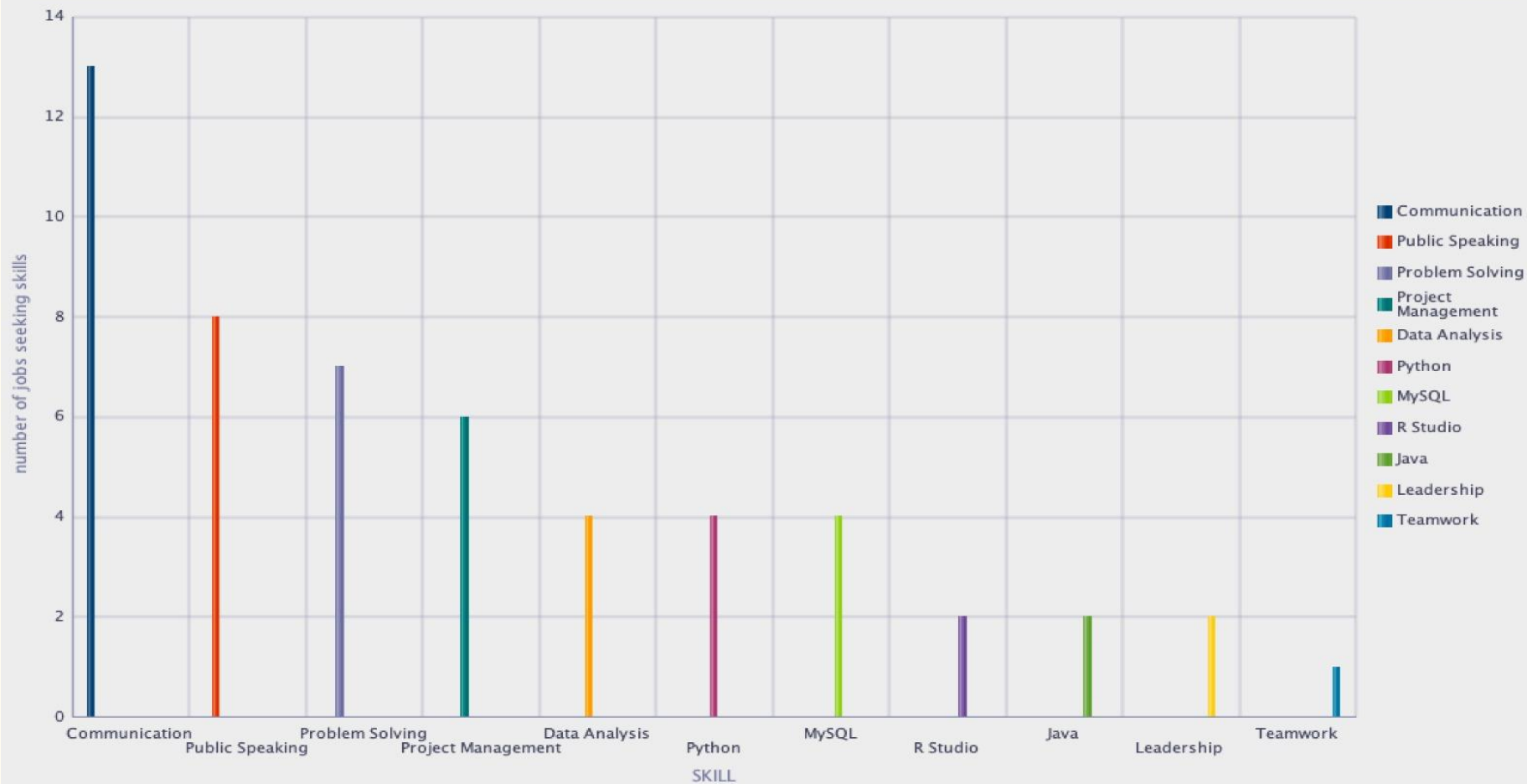
Salary based jobs



Job post analysis



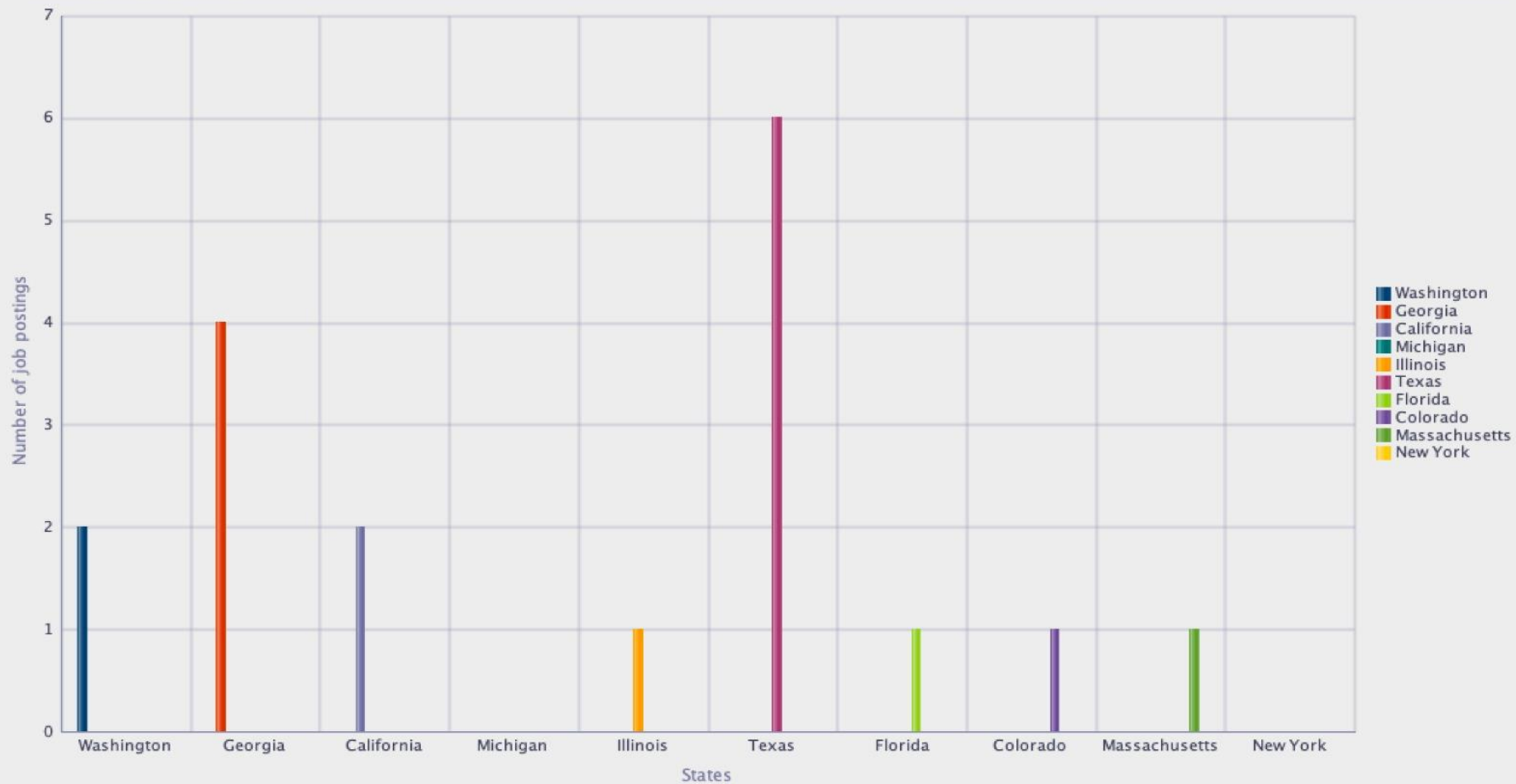
TOP SKILLS



Acceptance Rate for every user

	USER_ID	FIRST_NAME	ACCEPTED_COUNT	TOTAL_COUNT	ACCEPTANCE_RATE
1	102	Jane	1	4	25
2	105	Sarah	1	5	20
3	104	David	1	3	33.33
4	101	John	0	1	0
5	106	Emily	1	2	50
6	107	Isabella	0	2	0
7	109	Michael	0	1	0
8	108	Olivia	0	3	0
9	110	William	1	1	100

Locationwise Job Postings



Individual contribution

User creation - Jacob Jose

Insertion - Meghna, Jacob Mathew

Procedures & functions, packages - Ashika, Jacob Jose

Triggers - Jacob Jose

Indexes - Ashika

Reports - Meghna, Jacob Mathew

Views - Meghna, Ashika, Jacob Jose, Jacob Mathew