

Mini LinkedIn(Professional networking platform)

"Not Yet Presented"

[group3s15_Schema.mwb](#)

Section 1.0

Group Composition

1. BRIONES, Julian Johan V.
2. COLUSO, Zen Matthew R.
3. CABRERA, James T.
4. LIMTIN, Richard Jeremy S.

Section 2.0

Why is this Database System important to be developed?

1. The proposal must have a background (one paragraph, maximum of 5 lines) that explains why this Database System is needed and that using Excel will not be enough to help users with their data requirements.

LinkedIn is a professional networking platform and one of the largest on the Internet. Its users are those from different professional backgrounds who seek to expand their social network in their respective professional backgrounds, strengthen their relationships, find a job, and connect with other users. A LinkedIn database system will have different kinds of information on users and various institutions or companies. These pieces of information include education, skills, and career experience. Similar to other social media networks, like Facebook, a user is allowed to post professional images of themselves on their profile page.

Section 3.0

Records Management

| Records Management | Fields | Assigned Member |
|--------------------------------|---|--------------------------|
| User Account Record Management | account_ID (primary key) first_name, (cannot be NULL) last_name, (cannot be NULL) contact_no, email, (cannot be NULL) home_address, birthday, years_of_experience, education, primary_language, (cannot be NULL) secondary_language job_ID, (foreign key) company_ID, (foreign key) | Briones, Julian Johan V. |

| | | |
|---------------------------|---|---------------------------|
| Company Record Management | company_ID, (primary key) company_name, (cannot be NULL) contact_no, company_manager, (cannot be NULL) main_location (cannot be NULL) | Limtin, Richard Jeremy S. |
| Branch Record Management | branch_ID, (primary key) location, (cannot be NULL) contact_no company_id (foreign key) | Cabrera, James T. |
| Job Record Management | job_ID, (primary key) position_name, (cannot be NULL) education company_ID, (foreign key) branch_ID, (foreign key) | Coluso, Zen Matthew R. |

Section 4.0 Transactions

| Transaction | Assigned Member |
|--|------------------------|
| Log In/Sign Up <ol style="list-style-type: none"> Logs in with the user's existing account <ol style="list-style-type: none"> Username Password Creates a new account for the user <ol style="list-style-type: none"> First name Last name Email Contact No Home Address Birthday Education Years of Experience Primary Language Job ID Company ID Password | Cabrera, James T. |
| Post Job Offering <ol style="list-style-type: none"> Reading the record of the affiliated company and the record of the branch offering the job Updating job record for job vacancy, position name and required skills | Coluso, Zen Matthew R. |

| | |
|--|---------------------------|
| c. Updating the job offerings record of the affiliated company to add the job offering | |
| Applying for a Job Offering a. Reading job record to confirm if job is available b. Reading the user account record of the applicant to be reviewed by the poster | Limtin, Richard Jeremy S. |
| Accepting a Job Application a. Updating user account record to add the job taken to the user's job_ID and | Briones, Julian Johan V. |

Section 5.0 Reports to be Generated

| Report Title | Description | Assigned Member |
|--|--|---------------------------|
| Account Registration Report | This report gives a full view of all registered accounts in the system. Tracking the total number of new registrations during a certain period. | Briones, Julian Johan V. |
| Job Application Report | This report will keep track of the job postings as well as their corresponding applications throughout the whole system so as to provide an in-depth understanding of how the jobs listings are performing. It also has data such as when a job was posted, its expiry date and the total number of applications received. | Cabrera, James T. |
| Status and Expiry Report | This report monitors the status and expiration of job listings. It helps administrators to analyze the status of each job listing by a certain timeframe (by month, year etc.) | Coluso, Zen Matthew R. |
| Top Job Listings & Employers Report | This report highlights the job vacancies and organizations that are most sought after by users in terms of activity and number of applications submitted. The report helps in identifying those lines of work with a high demand for employees as well as organizations that perform well. | Limtin, Richard Jeremy S. |