REQUIREMENT OF LINKEDIN

USER → (User_id, Fname, Lname, E_mail, password, created_at)

PROFILE → (Profile_id, School, Phone_number, City, country, Contact_info)

SOCIAL → (Social_id, Social_name, Social_admin, Social_date)
                                          Multivalued   Multivalued

COMPANY_PAGE → (Web_site, Sector, Kind_of_company, Company_size, Slogan)

GROUP → (Group_description, Group_full)

PARTICIPATE → (Participate_date)

EXECUTOR → (Executor_id)

JOB → (Job_id, Company_name, Job_title, Job_address)

MESSAGE → (To_User_id, From_user_id, Message_id, Message_text, Send_date)

CONNECTION → (User_one_id, User_two_id, Started_at)

FIND_JOB → (Find_date)

SHARE → (Share_id, Total_like, Total_comment)

MEDIA → (Media_name)

PHOTO → (Photo_id)

VIDEO → (Video_id)

TEXT → (Share_text)

COMMLIKE → (Comm_like_id)

COMMENT → (Comment_text)

LIKE → (Cm_like)

RECOMMEND → (User_id, Recommend_id, Recommend_text, Recommend_date)

CV → (cv_id, Cv_type, Created_at)

CERTIFICATION (Certificate_id, certificate_Authrity, License_number, Certificate_url, From_date, To_date)

COURSE → (Course_id, Course_name, Associated_with, From_date, To_date)

LANGUAGE → (Language_id, Language_name, Proficiency)

ORGANIZATION → (Organization_id, Organization_name, Position_held, Organization_descript, Associated_with, organization_date)

SKILL → (skill_id, skill_name, About_skill

VOLUNTEER_EXPERIENCE → (Volunteer_id, Volunteer_name, Rol, Purpose, From_date, To_date)

WORK_EXPERIENCE → (Work_id, Workplace_name, Rol, Work_description, Location, From_date, To_date)

PROJECT → (Project_id, Project_name, Project_description, Associated_with, Project_url, From_date, End_date)

FIRST ITERATION

Step 1:

JOB { Job_id , Company_name, Job_title , Job_adress }

Step 9:

EXECUTOR { Executor_id }

SECOND ITERATION

Step 1:

USER { User_id , Fname , Lname , Email, Password, Executor_id, Created_at }

SOCIAL { Social_id , Social_name, Social_type, Executor_id, Social_date }

SHARE { Share_id , Executor_id, Total_like, Total_comment, Share_date }

COMMLIKE { comm_like_id , Commlike_type, commlike_date }

CV { Cv_id, Cv_type, Start_date, End_date , Created_at }

Step 2:

PROFILE { Profile_id , School, Phone_number, City , country }

Step 4

CV { Cv_id , Profil_id, Cv_type, Created_at }

COMMLIKE { comm_like_id, Share_id, Executor_id, commlike_type, comm_date }

SHARE { Share_id , Executor_id, Total_like, Total_comment, Share_date }

SOCIAL { Social_id , User_id , Social_name, Executor_id, Social_id }

JOB { Job_id , User_id, Company_name, Job_title, Job_adress }

Step 5:

PARTICIPATE { <u>User_id, Social_id</u> , Participate_date }

CONNECTION { <u>User_one_id, User_two_id</u> , Started_at }

MESSAGE { <u>To_user_id, From_user_id, Message_id</u>, Message_text, Send_date }

RECOMMEND { <u>User_id, Recommend_id</u>, Recommend_text, Recommed_date }

FIND_JOB { <u>User_id, Job_id</u> , Find_date }

Step 6:

CONTACT_INFO { Profile_id, Contact_info }

SOCIAL_ADMIN { <u>Social_id, Admin_id</u> , Start_date }

Step 8-A:

CV { <u>Cv_id</u>, Profil_id, Cv_type, Created_at

SKILL { <u>Skill_id, Cv_id</u> , Skill_name, About_skill }

VOLUENETEER_EXPERIENCE { <u>Voluenteer_id, Cv_id</u> , Voluenteer_name, rol, Purpose, Frome_date, To_date }

WORK_EXPERIENCE { <u>Work_id, Cv_id</u>, Workplace_name, rol, Work_description, Location, From_date, To_date }

ORGANIZATION { <u>Organization_id, Cv_id</u> , Organization_name, Pozition_held, Organization_description, Associated_with, Organization_date }

COURSE { <u>Course_id, Cv_id</u> , Course_name, Associated_with, From_date, To_date

PROJECT { <u>Project_id, Cv_id</u> . Project_name, Project_description, Associated_with, Project_url, From_date, To_date }

CERTIFICATION { <u>Certification_id, Cv_id</u>, Certificate_authority, Licens_number, Certificat_url, Fromdate, To_date }

EDUCATION { <u>Education_id, Cv_id</u> , Education_name, Field_of_study, Degree, Grade, From_date, To_date

LANGUAGE { <u>Language_id, Cv_id</u> , Language_name, Proficiency }

SOCIAL { Social_id , User_id, Social_name, Social_type, Executor_id, Social_date }

GROUP { Social_id , Group_description , Group_rull }

COMPANY_PAGE { Social_id , Web-site, Sector, Kind_of_company,
Company_size, Slogan }

SHARE { Share_id , Executor_id, Total_Like , Total_comment, Share_date }

MEDIA { Share_id , Media_type, Media_name }

TEXT { Share_id , Share_text }

COMMLIKE { Comm_like_id, Share_id, Executor_id, Commlike_type, Comm_date }

COMMENT { comm_like_id , Comment }

LIKE { Comm_like_id , Cm_like }

THIRD ITERATION

Step 8_A :

MEDIA { Share_id , Media_type }

PHOTO { Share_id }

VIDEO { Share_id }

FOURTH ITERATION

PROFILE { Profile_id , Photo_id, Schooll, Phone_number, City, Country }

USER { Usec_id , Fname, Lname, Email, Pasword, Executor_id, Created_at }

PROFILE { Proflle_id , Schooll, Phone_number, City, Country, Photo_id }

JOB { Job_Id , User_id, Company-name, Job_title, Job_address }

PARTICIPATE { User_id, Social_id , Participat_date }

CONNECTION { User_one_id , User_two_id , Started_at }

MESSAGE { To_user_id, From_User_id, Message_id , Message_text, Send_date }

RECOMMEND { User_id, Recommend_user_id , Recommend_text, Recommend_date }

FIND_JOB { User_id, Job_id , Find_date }

SOCIAL { Social_id , User_id, Social_name, Social_type, Executor_id, Social_date }

GROUP { Social_id , Grup_description, Group_rull }

COMPANY_PAGE { Social_id , Web_site, Sector, Kind_of_company,
                        Company-size , Slogan }

SOCIAL_ADMIN { Social_id, Admin_id , start_date }

CONTACT_INFO { Profile_id , Contact_info }

EXECUTOR { Executor_id }

SHARE { Share_id , Executor_id, Total_like, Total_comment, Share_date }

TEXT { Share_id, Shar_text }

MEDIA { Share_id , Media_type }

PHOTO { Share_id }

VIDEO { Share_id }

COMMLIKE { Commlike_id, Share_id, Executor_id, Commliketype, Commlike_date }

COMMENT { Commlike_id , Comment_text }

LIKE { Commlike_id , Cm_like }

CV { cv_id , Profile-id, Cv_type, created_at }

SKILL { Skill_id, cv_id , Skill_name, About_Skill }

VOLUENTEER-EXPERIENCE { Voluenteer_id, Cv_id , Voluenteer_name, Rol, Purpose, From_date, To_date }

WORK-EXPERIENCE { Work_id, Cv_id, Workplace_name, Rol, Work_description, Location, From_date, To_date }

ORGANIZATION { Organization_id, Cv_id, Organization-name, Position_held, Organization_description, Associated_with, Organization_date }

PROJECT { Project_id, Cv_id, Project_name, Project_description, Associated_with, Project_url, From_date, To_date }

CERTIFICATION { Certification_id, Cv_id, Certificate_authority, License_number, Certificate_url, From_date, To_date }

EDUCATION { Education_id, Cv_id , Education_name, Field_of_study, Degree, Grade, From_date, To_date }

COURSE { Course_id, Cv_id , Course_name, Associated_with, From_date, To_date }

LANGUAGE { Language_id, Cv_id , Language_name, Proficiency }

LINKEDIN

Entity-Relationship Diagram (hand-drawn)

Entities and attributes:

- **GROUP**: Group-description, Group-full
- **COMPANY_PAGE**: Website, Sector, Hind-company, Slogan
- **SOCIAL**: Social-id, Social-name, Social-date
- **USER**: User-id, F-name, L-name, E-mail, Linked-password, Created-at
- **EXECUTOR**: Executor-id
- **PROFILE**: Profile-id, School, Phone-number, City, Country
- **SHARE**: Share-id, Total-like, Total-comment
- **MEDIA**: Medium-name
- **TEXT**: Share-text
- **COMMENT**: Comment
- **LIKE**: Is-like
- **COMM_LIKE**: Comm-like-id
- **MESSAGE**: Message-id, Message-text, Send-date
- **RECOMMEND**: Recommend-text, Recommend-date
- **PHOTO**, **VIDEO**, **CV**, **JOB**, **PROFILE_PHOTO**

Relationships:
CREAT, PART/RATE, CONNECTION, HAS, JOB_POSTING, FIND_JOB, HAVECV, HAVE, EXE_SHARE, EXE_COMM, PROFILE_PHOTO

CamScanner ile tarandı

CV

RECOMMEND
Recommend_text
Recommend_date
(0,M) M
(0,M) N

MESSAGE

Find_circle G

EDUCATION
- Education-id
- Education_name
- Field_of_study
- Degree
- Grade
- From-date
- To-date

CERTIFICATION
- Certification_id
- Certificate_Authority
- Licens_number
- Certificat_url
- From-date
- To-date

VOLUNTEER-EXPERIENCE
- Volunteer-id
- Volunteer_name
- Rol
- Purpose
- From-date
- To-date

ORGANIZATION
- Organization-id
- Organization_name
- Position-held
- Associated_with
- Organization_date

WORKEXPERIENCE
- Work_id
- Workplace_name
- Rol
- Work_description
- From-date
- To-date

COURSE
- Course_id
- Course_name
- Associated_with
- From-date
- To-date

LANGUAGE
- Language-id
- Language_name
- Proficiency

SKILL
- Skill_id
- Skill_name
- About_Skill

PROJECT
- Project_id
- Project_name
- Project_description
- Associated_with
- Project_url
- From_date
- To-date