

# Identified Entities:-

## USER

- A. user\_id
- B. Name (string)
- C. Email id(string)
- D. Password(string)
- E. Connections(array of objects)
  - a. User id (unique object id)
  - b. Mute status (boolean)
- F. Contact info
  - a. Email (string)
  - b. Url (string)
- G. Activity
- H. Introduction
- I. Pages
- J. Profile photo(url - string)
- K. Wall photo(url - string)
- L. Country(string)
- M. Location in country(string)
- N. Industry(string )
- O. Skills (array of strings)
- P. Accomplishments
  - a. Publications(array of objects)
    - i. Title (string)
    - ii. Publisher (string)
    - iii. Publication date (date/timestamp)
    - iv. Coauthor (object\_id (user\_id))
    - v. Url (string)
    - vi. Description (string)
  - b. Patent(array of objects)
    - i. Patent title (string)
    - ii. Patent office (string)
    - iii. Patent application number(int)
  - c. Courses(array of objects)
    - i. Course name(string)
    - ii. Course code (string)
    - iii. Association(string)

- d. Projects(array of objects)
  - i. Title(string)
  - ii. Start date(timestamp)
  - iii. End date (timestamp)
  - iv. Association(string)
  - v. Project url(url - string)
  - vi. Description(string)
- e. Honors & Awards(array of objects)
  - i. Title (string)
  - ii. Association(string)
  - iii. Issuer(string)
  - iv. Issue date(timestamp)
  - v. Description(string)
- f. Test scores(array of objects)
  - i. Title (string)
  - ii. Associated with (string)
  - iii. Scores (int)
  - iv. Date (timestamp)
  - v. Description (string)
- g. Organisations [array of objects]
  - i. Organisation name (string)
  - ii. Position held (string)
  - iii. Associated with (string)
  - iv. On going (bool)
  - v. Start date (timestamp)
  - vi. End date (timestamp)
  - vii. Description (string)
- h. Languages(array of objects)
  - i. Language(string)
  - ii. Proficiency level(int)
  - iii.

Q. Additional information

- a. Recommendations (array of objects\_id i.e user\_id)

R. Background

- a. Work experience
  - i. Title (string)
  - ii. Employment Type (Full time/Part time/Self employed/freelance/Internship/trainee)(string)
  - iii. Location(string)
  - iv. Company (string)

- v. Working status(bool)
- vi. Start date(timestamp)
- vii. End date(timestamp)
- viii. Industry(string)
- ix. Description(string)
- b. Education
  - i. school\_name(string)
  - ii. degree(string)
  - iii. field of study(string)
  - iv. Start year(timestamp)
  - v. End year(timestamp)
  - vi. CGPA(float)
  - vii. Activities and societies(array of strings)
  - viii. Description(string)
- c. License and certification
  - i. Name(string)
  - ii. Issuing organization(string)
  - iii. Issue date(timestamp)
  - iv. Expiration date(timestamp)
  - v. Credential id (string)
  - vi. Credential url(string)
- d. Volunteer experience
  - i. Organization (string)
  - ii. Role (string)
  - iii. Cause(string)
  - iv. Working status(bool)
  - v. Start date (timestamp)
  - vi. End date (timestamp)
  - vii. Description(string)
  - viii.

#### S. Featured

- a. Posts (array of post\_id ) (post\_id is reference to post entity)
- b. Articles
- c. Links
- d. Media

#### T. Privacy Settings

- a. Profile visibility (bool)
- b. Headline visibility (bool)
- c. Articles and activities visibility (bool)
- d. Education visibility (bool)

- e. Details visibility (bool)
- U. Saved Posts (array of post\_id ) (post\_id is reference to post entity)
- V. Notifications (array of strings )
- W. Saved Jobs (array of jobs\_id)(jobs\_id is reference to the jobs entity)

## POSTS

- A. User(user\_id)
- B. Hashtags(string)
- C. Tagged users(array of user\_ids)
- D. Time(timestamp)
- E. Likes(array of objects)
  - a. User ID
  - b. Timestamp
- F. Comments
  - a. User ID
  - b. Text(string)
  - c. Likes(int)
  - d. Timestamp
- G. Media(url - string)
- H. Description (Caption)
- I. Visibility (anyone/connections only/no one)

## PAGE

- A. Page name (string)
- B. Profile photo(url - string)
- C. Wall photo(url - string)
- D. Description(string)
- E. Contact info
  - a. Email(string)
  - b. Url (string)
  - c. Phone number(string)
  - d. Address(string)
- F. Followers(array of user\_ids)
- G. About
  - a. Industry(string)
  - b. Website(url - string)
  - c. Company size (integer)
  - d. Head quarters(string)
  - e. Type(string)
  - f. Specialities(string)

- g. Locations(string)
- H. Posts (id)
- I. Jobs(array of jobs\_id)(jobs\_id is reference to the jobs entity)
- J. Affiliated pages

## **JOBS**

- A. Jobs id
- B. Type(full time/part time/trainee/intern)(string)
- C. Position (string)
- D. Company(string)
- E. Industry(string)
- F. Description(string)
- G. Recruiting status (bool)
- H. Applicants (array of user\_ids)
- I. Salary(integer)

## **Hashtags**

- A. Name
- B. posts(array of post\_ids)
- C. followers(array of user\_ids)
- D. Number of followers(integer)