

Cassandra Schema:

```
CREATE TABLE user_tab(  
  user_id uuid,  
  name text,  
  email_id text,  
  pass_word text,  
  connections map<uuid, boolean>, //bool for mute status  
  url text,  
  profile_photo text,  
  wall_photo text,  
  introduction text,  
  pages list<uuid>,  
  country text,  
  location text,  
  industry text,  
  skills list<text>,  
  activity list<text>,  
  
  saved_posts list<uuid>,  
  notifications list<text>,  
  saved_jobs list<uuid>,  
  
  profile_visibility boolean,  
  headline_visibility boolean,  
  education_visibility boolean,  
  details_visibility boolean,  
  activity_visibility boolean,  
  
  user_posts list<uuid>,  
  projects list<map<text,text>>, //  
  awards list<map<text,text>>,  
  projects list<map<text,text>>,  
  test_scores list<map<text,text>>,  
  languages map<text, int>,  
  organisations list<text>,  
  courses list<map<text, text>>,  
  patent list<map<text,text>>,  
  publications list<map<text,text>>,
```

```
work_ex list<map<text,text>>,  
education list<map<text,text>>,  
license_certi list<map<text,text>>,  
volunteer_ex list<map<text,text>>,  
PRIMARY KEY (user_id)  
);
```

```
CREATE TABLE posts(  
    user_id uuid,  
    hashtags list<text>,  
    tagged_users list<uuid>,  
    creation_time timestamp,  
    likes int,  
    liked_by list<uuid>,  
    comments list<uuid>,  
    media list<text>,  
    description text,  
    visibility map<text,boolean>  
);
```

```
CREATE TABLE comments (  
    post_id uuid,  
        user_id uuid,  
        likes int,  
        likedBy list<uuid>,  
        time timestamp,  
        commentText text,  
        PRIMARY KEY (post_id, user_id, time)  
);
```

```
CREATE TABLE page(  
    page_name text,  
    profile_photo text,  
    wall_photo text,  
    description text,  
    followers list<uuid>,  
    posts list<uuid>,  
    affiliated_pages list<uuid>,  
    jobs list<uuid>,
```

```
email text,  
url text,  
phone_no text,  
address text,  
industry text,  
website text,  
company_size int,  
head_quarters text,  
locations list<text>,  
sector_type map<text, boolean>,  
PRIMARY KEY (page_name)  
);
```

```
CREATE TABLE jobs(  
    position text,  
    company text,  
    industry text,  
    description text,  
    recruiting_status boolean,  
    applicants list<uuid>,  
    salary text,  
    job_type map<text, int>,  
PRIMARY KEY (company, position)  
);
```

```
CREATE TABLE hashTag (  
    name text,  
    no_of_posts int,  
    posts list<uuid>,  
    followers list<uuid>  
PRIMARY KEY (name)  
);
```