SocialMedia{
      name PRIMARY KEY
)

User(
      username,
      social_media,
      first_name,
      last_name,
      country_of_birth,
      country_of_residence,
      age,
      gender,
      is_verified,
      PRIMARY KEY (username, social_media_name),
      FOREIGN KEY (social_media_name) REFERENCES SocialMedia(name)
)

Post(
      post_username,
      post_social_media,
      post_time,
      text,
      likes,
      dislikes,
      location_city,
      location_state,
      location_country,
      has_multimedia,
      PRIMARY KEY (post_username, post_social_media, post_time),
      FOREIGN KEY (post_username, post_social_media) REFERENCES User(username,
social_media)
)
Constraints: likes >= 0, dislikes >= 0

Repost(
      original_post_username,
      original_social_media,
      original_post_time,
      repost_username,
      repost_social_media,
      repost_time,
      repost_location_city,
      repost_location_state,

repost_location_country,
        repost_likes,
        repost_dislikes,
        repost_has_multimedia,
        PRIMARY KEY (repost_username, repost_social_media, repost_time)
        FOREIGN KEY (original_post_username, original_social_media, original_post_time)
REFERENCES Post(post_username, post_social_media, post_time)
        FOREIGN KEY (repost_username, repost_social_media) REFERENCES
User(username, social_media)
)
Constraints: repost_likes >= 0, repost_dislikes >= 0, repost_time > original_post_time

Project(
        name PRIMARY KEY,
        manager_firstname,
        manager_lastname,
        institute_name,
        start_date,
        end_date
)
Constraint: end_date >= start_date

Institute(
        name PRIMARY KEY
)

Field(
        field_name,
        project_name,
        PRIMARY KEY (project_name, field_name),
        FOREIGN KEY (project_name) REFERENCES Project(name)
)

Project_Post(
        project_name,
        post_username,
        post_social_media,
        post_time,
        PRIMARY KEY (project_name, post_username, post_social_media, post_time),
        FOREIGN KEY (project_name) REFERENCES Project(name),
        FOREIGN KEY (post_username, post_social_media, post_time) REFERENCES
Post(post_username, post_social_media, post_time)
)

```
Analysis_Result(
        project_name,
        post_username,
        post_social_media,
        post_time,
        field_name,
        analysis,
        PRIMARY KEY (project_name, post_username, post_social_media, post_time,
field_name),
        FOREIGN KEY (project_name, post_username, post_social_media, post_time)
REFERENCES Project_Post(project_name, post_username, post_social_media, post_time),
        FOREIGN KEY (project_name, field_name) REFERENCES Field(project_name,
field_name)
```