



Breif Explanation:

User: This entity contains the user related details such as username, email, and a password hash. Password hash is the encrypted form of the user password. The `is_deleted` field says if the user is deleted. The default value for this is false. If a user has deleted his account, the `is_deleted` will be true. Here, user id is the primary key.

Posts: This entity consists of all the attributes such as title, description, `user_id` and created at for a particular post. The `user_id` stores the id of the user who creates the post. The created at is a time stamp to contain the date and time at which the post is created. A user can create, update or delete posts. Here, `post_id` is primary key and user id is a foreign key referring to user id in user table.

Following: the following table consists of the data for which user is following which user. If user A follows another user, an entry will be created in this table. If user A unfollows a user, that entry will be deleted in the table. Here `id` is the primary key, `following_id` refers to the logged in user or the user who wants to follow another user and `followed_by_id` refers to the user id of another user. For example if user A follows user B, user id of A is `following_id` and user id of B is `followed_by_id`.