

users
<u>user_id</u> [bigint, not null]
user_name [varchar, not null, uniq]
e_mail [varchar, not null, uniq]
display_name [varchar]
phone_number [varchar]
self_introduce [varchar, check(length(self_introduce) between 1 and 160)]
url [varchar]
date_of_birth [char(10)]
profile_image [bytea]
avatar_image [bytea]
created_at [timestamp, not null]
updated_at [timestamp, not null]

1

1

1

1

1

1

0..N

0..N

0..N

0..N

0..N

0..N

0..N

0..N

0..N

direct_messages
<u>dm_id</u> [bigint, not null]
dm_text [varchar, not null]
send_user_id [bigint, not null, FK(users)]
recieve_user_id [bigint, not null, FK(users)]
created_at [timestamp, not null]
updated_at [timestamp, not null]

follows
<u>follow_user_id</u> [bigint, not null, FK(users)]
<u>follower_user_id</u> [bigint, not null, FK(users)]
created_at [timestamp, not null]
updated_at [timestamp, not null]

tweets
<u>tweet_id</u> [bigint, not null]
tweet_text [varchar, not null, check(length(tweet_text) between 1 and 140)]
tweet_user_id [bigint, not null, FK(users)]
created_at [timestamp, not null]
updated_at [timestamp, not null]

1

1

1

retweets
<u>retweet_id</u> [bigint, not null]
tweet_id [bigint, not null, FK(tweets)]
retweet_user_id [bigint, not null, FK(users)]
created_at [timestamp, not null]
updated_at [timestamp, not null]

bookmarks
<u>bookmark_id</u> [bigint, not null]
tweet_id [bigint, not null, FK(tweets)]
bookmark_user_id [bigint, not null, FK(users)]
created_at [timestamp, not null]
updated_at [timestamp, not null]

favorites
<u>favorite_id</u> [bigint, not null]
tweet_id [bigint, not null, FK(tweets)]
favorite_user_id [bigint, not null, FK(users)]
created_at [timestamp, not null]
updated_at [timestamp, not null]