```
Database interface functions:
* type = [album or artist or track]
get album favorites(user)
                                              -> returns multiple "album id"
                                           -> returns multiple "artist_id"
get_artist_favorites(user)
get_track_favorites(user)
                                             -> returns multiple "track id"

    add_favorite(User, item_id, type)

                                               -> returns nothing

    get album reccomendations(user)

                                               -> return multiple "album_id" with "recommended = false"
                                               -> return multiple "artist id" with "recommended = false"

    get_artist_reccomendations(user)

                                               -> return multiple "track_id" with "recommended = false"

    get track reccomendations(user)

- add reccomendation(user, type, name, image, Optional description, Optional release date) -> returns nothing
get name(item id, type)
                                                -> returns name
- get_image(item_id, type)
                                               -> returns image
- get_image(item_id, type)
- get_release_date(item_id, type)
                                               -> returns description
                                               -> returns release date
set_recommended(item_id, type)
                                               -> returns nothing
                                        Song Surf entity relationship diagram
                                              Note: This database does not store the input
                                               searches of a user. It stores what's been
                                              recommended, what has been favorited, and
                                                      what has been disliked
                                             Note: As you may know, an album can have many artists,
                                             or a track can have many artists. Since last.fm returns only
                                              one artist (the main artist) for an album or a track, this
                                              diagram keeps the relationship between an album/track
                                              and artist as one to many. To solve the multiple artists
                                                 issue, the track title has (feat. artistX, artistY)
                                                                                                          LikeDislike
        Reccomend
                                                            User
PΚ
                                                                                                       favorite id
     reccomend id
                                                  PΚ
                                                      user id
FK
     user_id
                                                                                                  FΚ
                                                                                                       user_id
                                                       email
FK
     entity_id
                                                                                                       entity_id
                                                       password
     entity type
                                                                                                       entity type
     recommended: bool
                                                                                                       liked: bool
           Album
                                                                                                            track
PK
     album_id
                                                                                                 PK
                                                                                                      track id
```

Artist

artist id

name

image

description

PΚ

FΚ

∀ FK

artist_id

album_id

name

image

description

release date

FK

artist_id

name

image

description

release date