

## Project Schema

Project: Name-Search

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### Tables:

name(name\_uuid, name\_name, name\_meaning, name\_num\_syllables, name\_char\_length, name\_country\_uuid, name\_source\_uuid)

description: the name table contains all relevant data to help search for the name and to present it as a result.

- Foreign key name\_country\_uuid refers to country
- Foreign key name\_source\_uuid refers to source
- Primary Key name\_uuid
  - name\_uuid is the unique identifier for a name
  - name\_name is the actual name
  - name\_meaning is a name's meaning
  - name\_num\_syllables is the number of syllables a name has
  - name\_char\_length is the number of character a name has phonetically
  - name\_country\_uuid is the country\_uuid where the certain name originates from
  - name\_source\_uuid is the source\_uuid that has possible outside inspiration for a name with no ties to one particular nation i.e. names from Lord of The Rings.

country(country\_uuid, country\_name, country\_language)

description: country table keeps records of actual countries that have existed its language

- Primary Key country\_uuid
  - country\_uuid is the unique identifier for a country
  - country\_name is the commonly known name for a country
  - country\_language describes the country's primary language(if multiple primary languages exist then possibly a table for languages)

list(list\_uuid, list\_title, list\_description, list\_user\_uuid)

description: list table keeps a record of a list object created by a user to save for future reference

- Foreign key list\_user\_uuid refers to user
- Primary Key list\_uuid
  - list\_uuid is the unique identifier for a list
  - list\_title is the general title for any given list
  - list\_description gives additional details for the purpose or reasons for the list
  - list\_user\_uuid links the owner of the list to the user who created it

list\_element(list\_element\_uuid, list\_element\_name\_uuid, list\_element\_list\_uuid)

description: list\_elements is a linked table that keeps track of what names have been added to what lists

- Foreign key list\_element\_name\_uuid refers to name
- Foreign key list\_element\_list\_uuid refers to list
- Primary Key list\_element\_uuid
  - list\_element\_uuid is the unique identifier of a an element of a list of names or a membership record for a list
  - list\_element\_name\_uuid is the name the element is linked to in the list
  - list\_element\_list\_uuid is the the list to which it's element's belong

source(source\_uuid, source\_source)

description: source table keeps track of sources that inspire names that do not have roots in one particular nation or language

- Primary Key source\_uuid
  - source\_uuid is the unique identifier for a source
  - source\_source is the actual source from which a name can come

user(user\_uuid, user\_username, user\_firstname, user\_lastname, user\_email)

description: user table keeps minimal records of user information to personalize a user's experience on the application and notify them of updates and special occasions like a name day

- Primary Key user\_uuid,
  - user\_uuid is the unique identifier for a user
  - user\_username is a user's username they log in with
  - user\_firstname is the user's first name
  - user\_lastname is the user's last name
  - user\_email is the user's email address