API Specification

Team Members

Brendan Brett - bbt@seas.upenn.edu - @brendanbrett
Edoardo Palazzi - palazzi@seas.upenn.edu - @EdoardoPalazzi
Eitan Jacob - eitanj@seas.upenn.edu - @EitanJacob

Git Repository

https://github.com/brendanbrett/cis5500-project

Routes

egots_youngest_fastest
- GET /egots_youngest_fastest
- No request parameters
- Gets EGOTs by youngest age and shortest time period to designation

nominee_detail
- GET /nominee/:id
- No request parameters
- Gets a list of all award nominations for a nominee

nominations
- GET /nominations/:award/:year?onlyWinners=
- 3 request parameters:
    - award (str): either grammy, oscar, tony, or emmy
    - year (int): the year of whichever award
    - onlyWinners (boolean): True to see winners only, False to see all nominees
- Gets a list of all nominations for a year and aggregates individual nominees into one record

recent_nominees
- GET /recent_nominees/year?onlyWinners=
- 2 request parameters:
    - year (int)
    - onlyWinners (boolean): True to see winners only, False to see all nominees
- Gets a list of recent nominees (nominees since a given year).

losses_before_first_win
- GET /losses_before_first_win
- No request parameters
- Gets a list of nominees with the highest number of nominations before their first win

nominee_most_categories
- GET /nominee_most_categories?onlyWinners=
- No request parameters
- Gets a list of nominees with the most amount of distinct nominations

nominee_longest_year_span
- GET /nominee_longest_year_span?onlyWinners=
- 1 request parameter:
    - onlyWinners (boolean): True to see winners only, False to see all nominees
- Gets a list of nominees with the longest nomination year span

losses_with_no_win
- GET /losses_with_no_win
- No request parameters
- Gets a list of nominees that never won and orders them in descending order of total nominations

missing_one_award
- GET /missing_one_award
- No request parameters
- Gets a list of nominees that are only missing one award win to complete their EGOT status

hardest_categories
- GET /hardest_categories
- No request parameters
- Gets a list of award categories who have the highest average amount of losses before a win.

common_combos
- GET /common_combos
- No request parameters
- Gets a list of the most common combinations of two award winners

egot_paths
- GET /egot_paths
- No request parameters
- Gets a list, in order, of the first time each EGOT winner won each award.

egot_nominees_no_win
- GET /egot_nominees_no_win
- No request parameters
- Gets a list of nominees that were nominated for all 4 distinct awards but never won any of them