Entity: TCG

* Description: A single trading card game
  + example: Pokémon, Yugioh, Magic the Gathering
* Attributes:
  + id:
    - int (pk)
    - a unique identifier for each TCG
    - auto-incremented to next available integer (1, 2…, n)
  + name:
    - varchar (50)
    - a unique name of a TCG
  + release\_date
    - year (MM/DD/YYYY)
    - the year the TCG was released

Entity: Set

* Description: a collection of cards released together
  + example: rebel clash, evolutions, …
* Attributes:
  + id:
    - int (pk)
    - a unique identifier for each set
    - auto-incremented to the next available integer (1, 2, …, n)
  + name:
    - varchar (50)
    - a unique name of a set
  + set\_code:
    - varchar (10)
    - a unique abbreviation of the set name, to be used when referring to a cards set
  + set\_size:
    - int
    - the number of individual cards in the set
  + release\_date:
    - date (MM/DD/YYYY)
    - the date released
  + tcg\_fk
    - int(fk)
    - a unique identifier to the TCG the set belongs too.

Entity: PokémonCard

* Description: a single Pokémon card within a set
* Attributes:
  + name
    - varchar (50)
    - the card name
    - put the name in double quotes is for an exact match, otherwise partial matching will be applied
  + set\_ref
    - fk
    - set\_code + card number
  + nationalPokedexNumber
    - int
    - the national pokedex number for a card that features a Pokemon supertype
  + types
    - The types of the card. These typically appear in the top right of card, and are denoted by energy symbol (ex. Fire, Fighting, Psychic, etc.)
  + subtype
    - the subtype of the card. Examples include MEGA, Stage 1, Break, Supporter, etc.
  + supertype
    - the supertype of a card. Either Pokemon, Trainer, or Energy
  + hp
    - int
    - the hit points of the card. this typoically appears in the top right corner of the card.
  + number
    - the number of the cards for the set it was released in. Found on the bottom right side of the card.
  + artist
    - the artist of the card
  + rarity
    - the rarity of the card
    - options: rare, rare holo, common, …
  + series
    - the series the card appears in