Marvel Movie Searcher

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GitHub Repository: https://github.com/mritthika/CSE111-Database-Project.git

System Description

- For this Project, we have created a Marvel Movie Searcher..

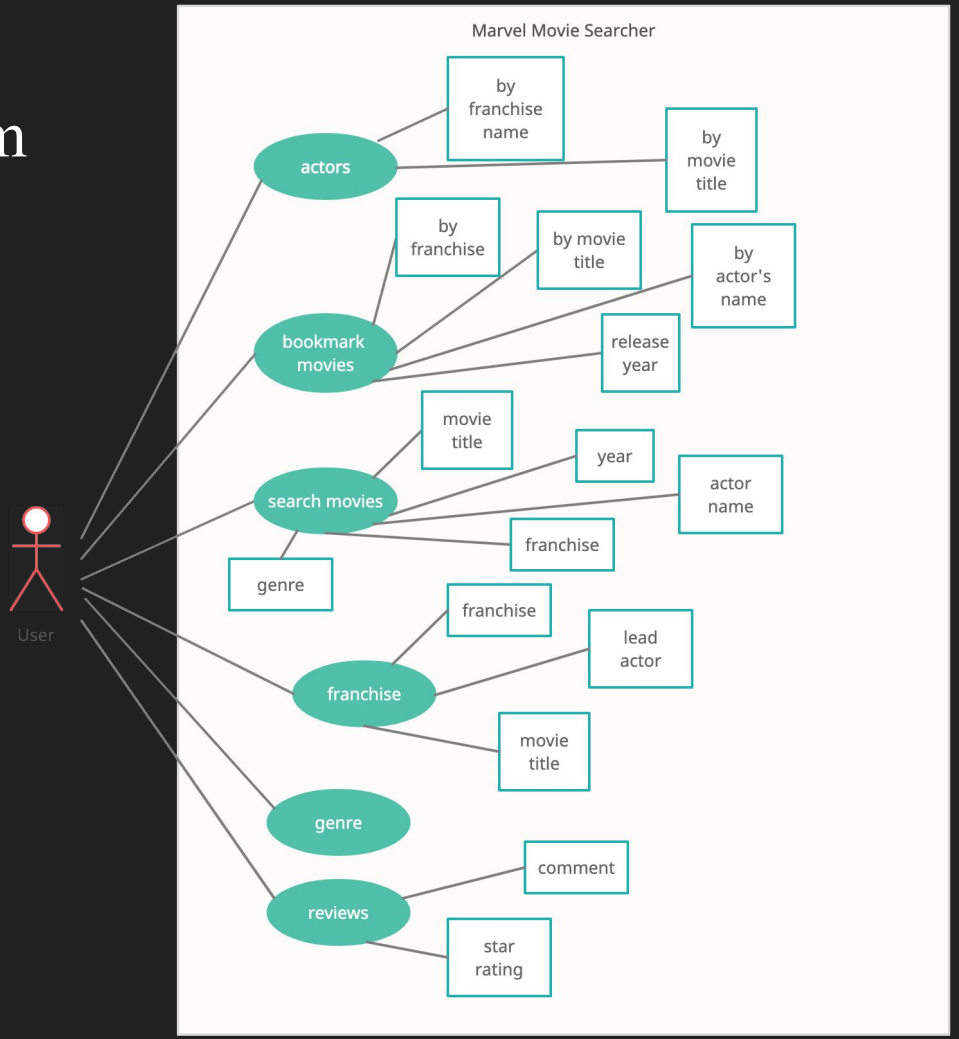
  This is meant to be a search engine that searches through a

  Marvel Database, that we have created.
- Implementation Details
  - Front End - Python
  - BackEnd - Sqlite

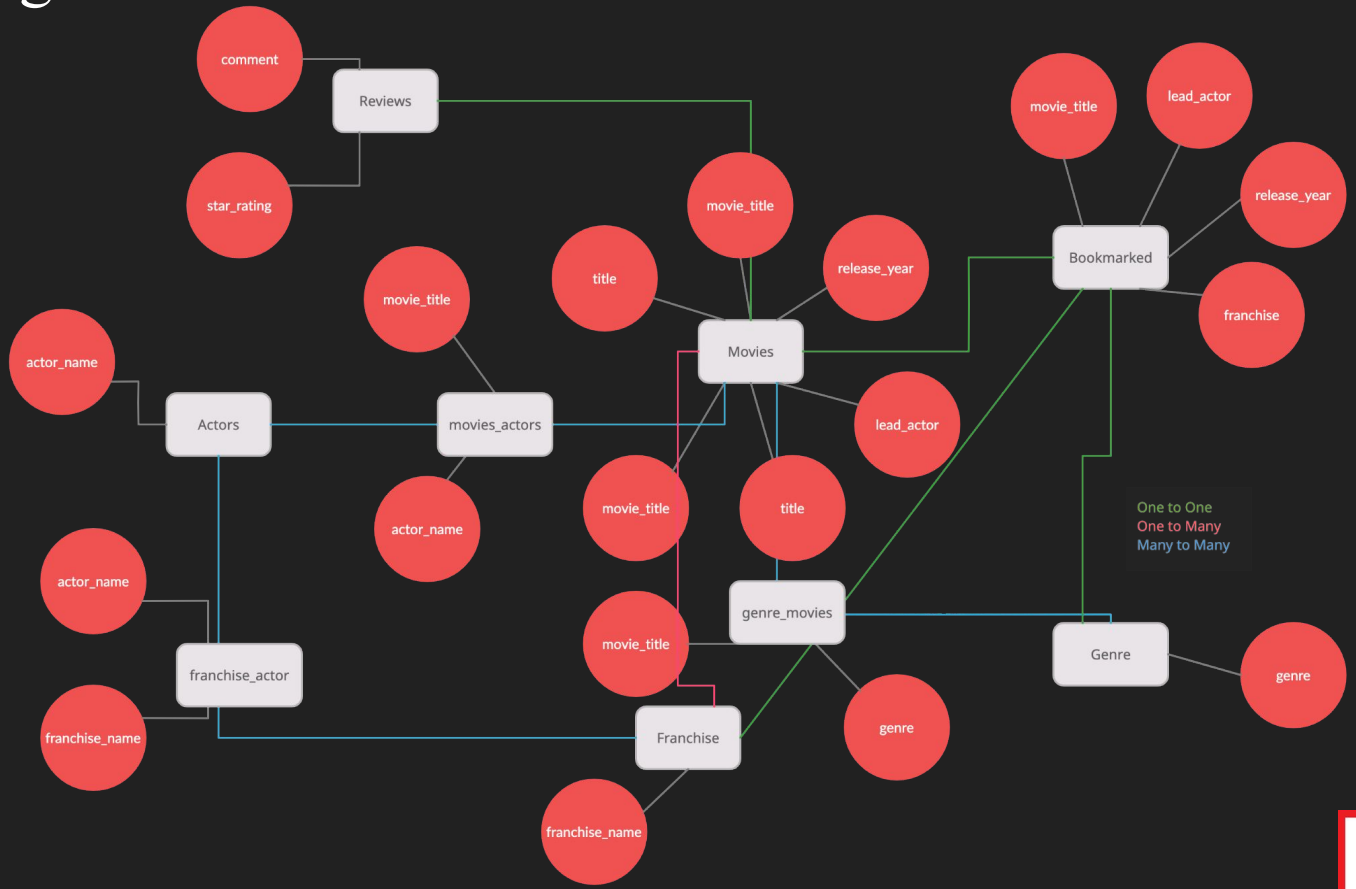
Use-Case Description

- Most Important Interactions
  - Add and Search movies by title, actor name, franchise, genre, and release year
  - Search Actors by movie title and franchise name
  - Bookmarking movies by movie title, an actor's name,, a franchise, a genre, and a release year
  - Viewing and Deleting bookmarked movies
  - Printing all the movies, franchises, and actors in the database
  - Counting how many movies are in a certain franchise
  - Counting how many genres a particular movie has
  - Counting how many movies a particular actor is in
  - Write and Read movie reviews

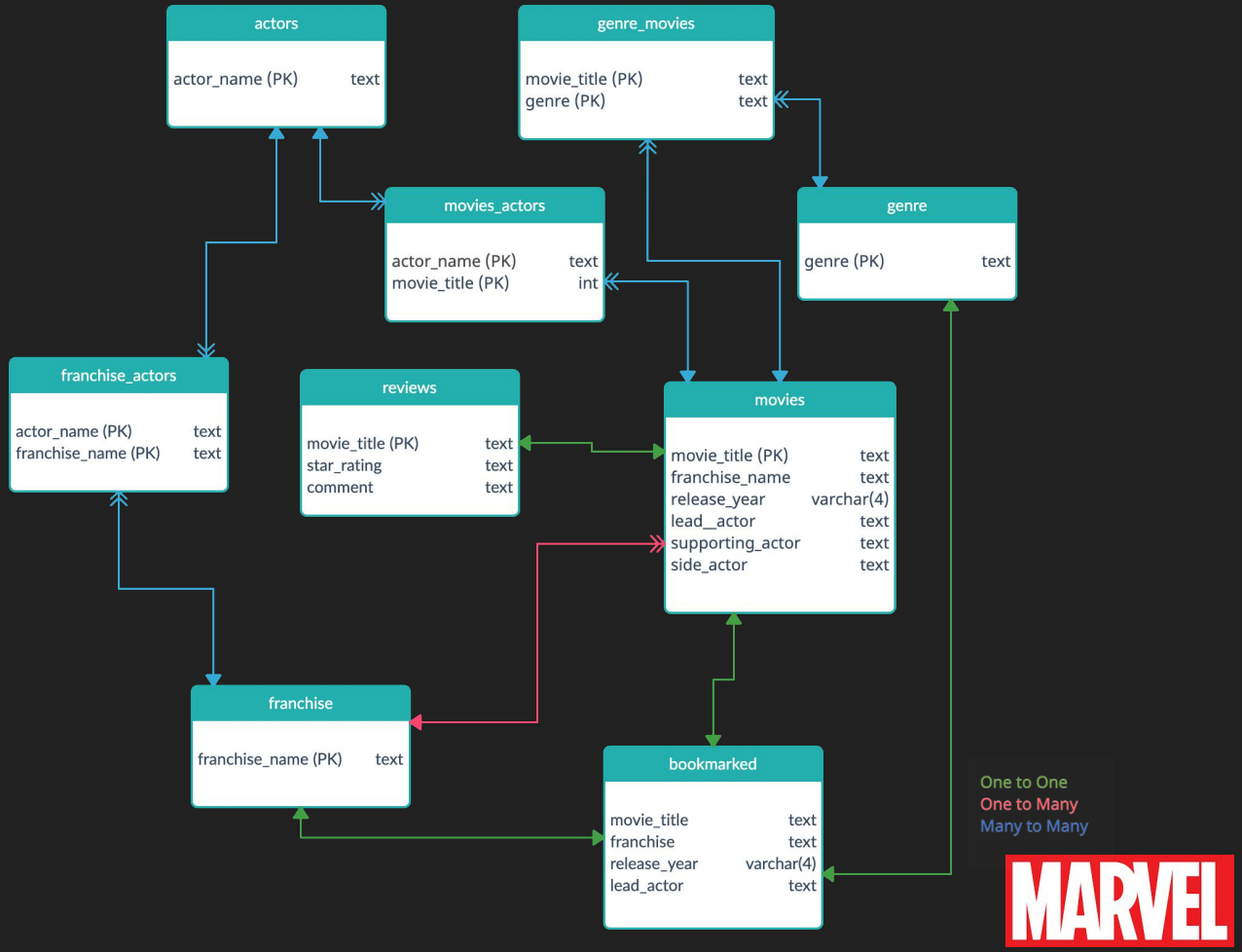
Use Case Diagram



E/R Diagram


comment
Reviews
star_rating
movie_title
title
release_year
Movies
movie_title
lead_actor
release_year
Bookmarked
franchise
movie_title
actor_name
Actors
movies_actors
actor_name
lead_actor
movie_title
title
One to One
One to Many
Many to Many
actor_name
genre_movies
movie_title
Genre
genre
franchise_actor
franchise_name
Franchise
genre
franchise_name

Relational Schema



Demo

Thank You.

Any Questions?