

Text description for a movie database

I would like to build a database to store and manipulate information about movies. For each movie, I would like to know the movie stars that participated in that movie and the studio that produced it.

Once the project is completed, I would like the database system to be able to answer queries such as,

- Tell me all the black and white movies which were made between 1930 and 1950.
- Tell me the movie names produced by studio Fox that feature Tom Cruise.
- Which female stars participated in more than 3 movies?
- Which studios produced movies featuring Nicole Kidman?
- Which movie has the longest duration?

Your task is to:

- Create an ERD from the text description
- Create the Database Table Schema from the ERD

Hint: Make a list of Entities, Relationships, and Attributes and then draw them together. Look for unique values in the attributes to form keys for the tables, create the tables from the entities.