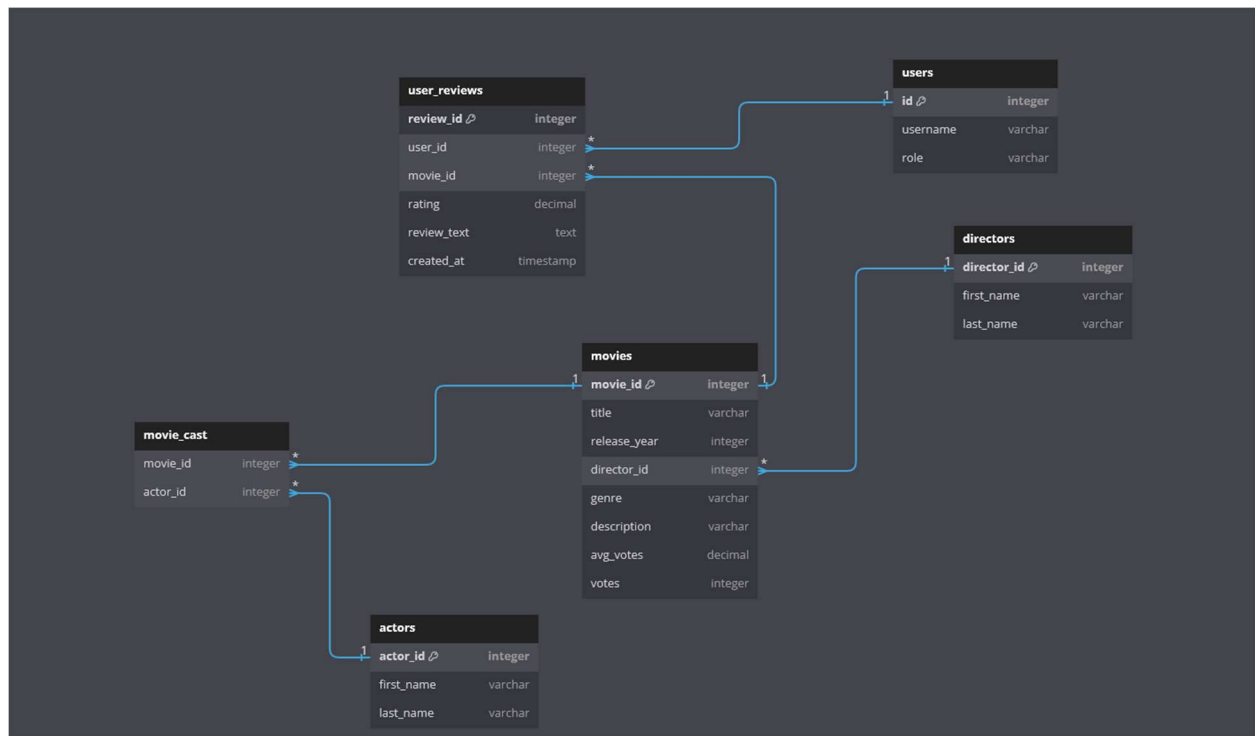# Task A

Our Database Relation is already represented in 3NF Form.

The First Normal Form (1NF) involves having a primary key for each table like movie_id for movies, actor_id for actors, director_id for directors, review_id for user_reviews and id for users. Additionally, all other attributes within these tables are atomic such that there are no repeating groups thus fulfilling 1NF requirements.

The Second Normal Form (2NF) is that every non-key attribute in each of the tables is completely dependent on its own primary key. For example, attributes such as title, release_year, director_id and genre within the movies table all depend on movie_id. There are no partial dependencies which imply compliance with 2NF.

Lastly, there are no transitive dependencies in the schema about the Third Normal Form (3NF). A transitive dependency would mean that a non-key attribute depends on another non-key attribute. However, within the given schema all non-key attributes only depend on primary key of their respective tables thereby satisfying 3NF criteria.