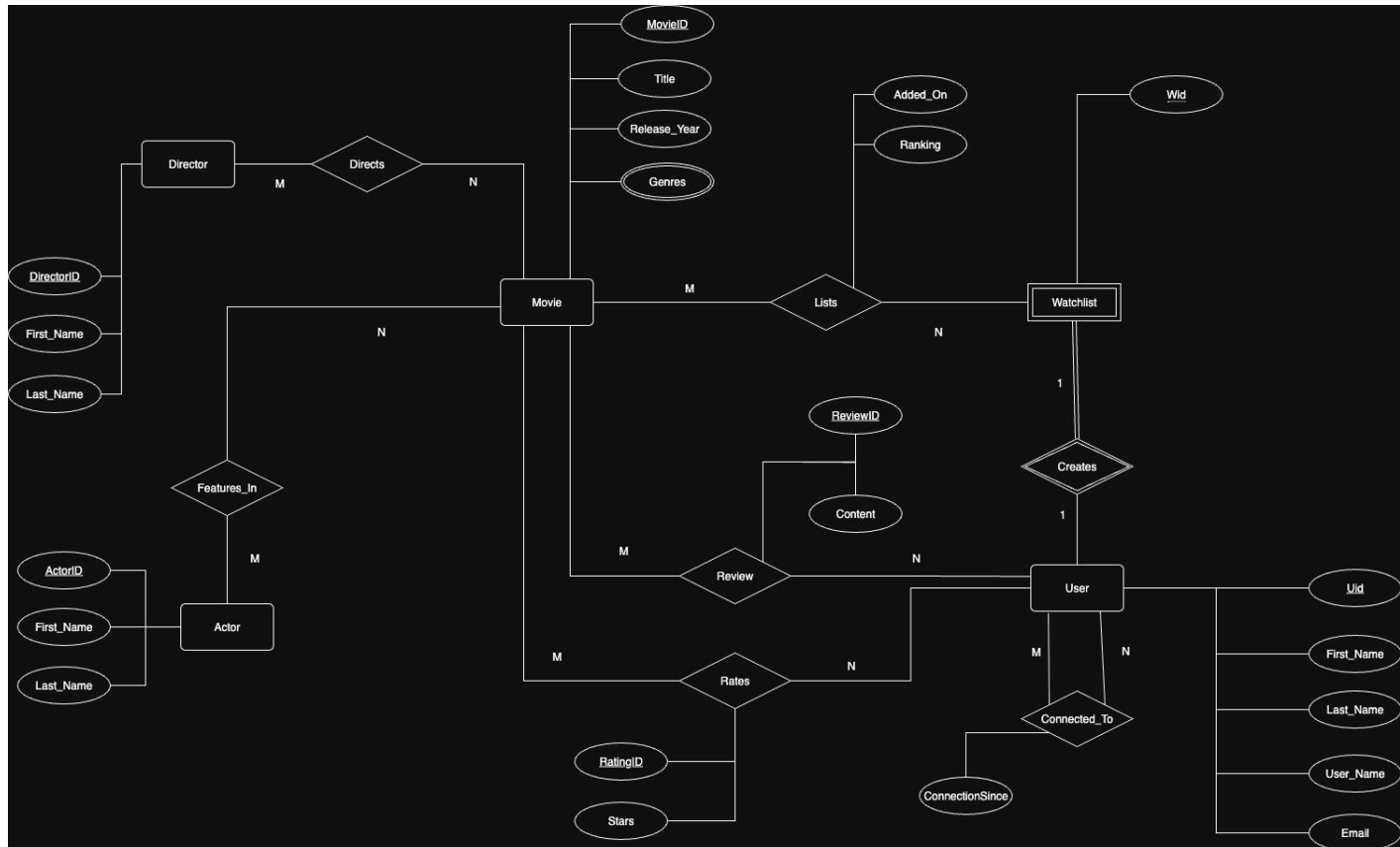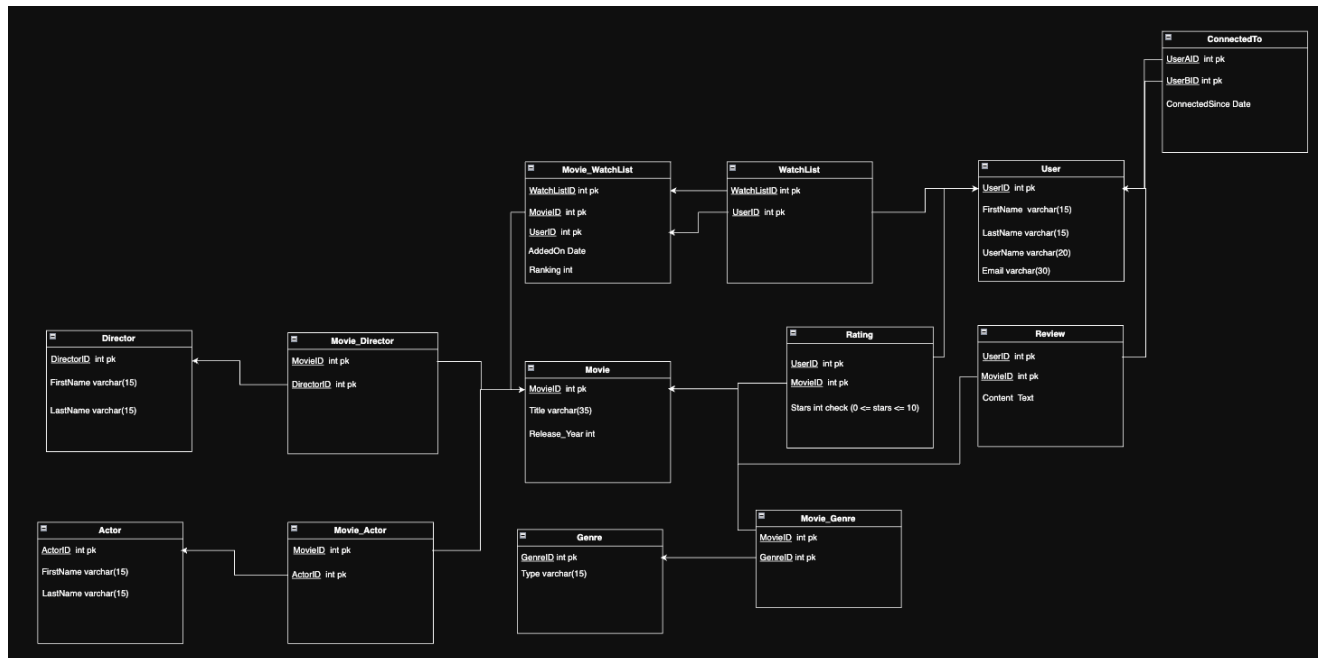# Final Project Step 2:
A Movies Rating and Discovery App

Kahlil Wassell and Matt Chen

A. Conceptual Database Design (4 points):

B. Logical Database Design (4 points):

ConnectedTo
- UserAID int pk
- UserBID int pk
- ConnectedSince Date

Movie_WatchList
- WatchListID int pk
- MovieID int pk
- UserID int pk
- AddedOn Date
- Ranking int

WatchList
- WatchListID int pk
- UserID int pk

User
- UserID int pk
- FirstName varchar(15)
- LastName varchar(15)
- UserName varchar(20)
- Email varchar(30)

Director
- DirectorID int pk
- FirstName varchar(15)
- LastName varchar(15)

Movie_Director
- MovieID int pk
- DirectorID int pk

Movie
- MovieID int pk
- Title varchar(35)
- Release_Year int

Rating
- UserID int pk
- MovieID int pk
- Stars int check (0 <= stars <= 10)

Review
- UserID int pk
- MovieID int pk
- Content Text

Actor
- ActorID int pk
- FirstName varchar(15)
- LastName varchar(15)

Movie_Actor
- MovieID int pk
- ActorID int pk

Genre
- GenreID int pk
- Type varchar(15)

Movie_Genre
- MovieID int pk
- GenreID int pk

C. Prepare Datasets for your database (2 points):
Final Project Step 2 Part C

Table	Attribute	Data Source	Description
User	UserID	SQL Generation	
	First Name	Randomly Generated	
	Last Name	Randomly Generated	
	Email	Randomly Generated	
Movies	MovieID	SQL Generation	
	Title	https://www.kaggle.com/datasets/shivvm/popular-movies-imdb-reviews-dataset?select=imdb_list.csv	Contained in columns of imdb_list.csv
	ReleaseYear	https://www.kaggle.com/datasets/shivvm/popular-movies-imdb-reviews-dataset?select=imdb_list.csv	Contained in columns of imdb_list.csv
Watchlist	WatchListID	SQL Generated	
	UserID	SQL Generated	
Movie_Watchlist	MovieID	SQL Generated	
	WatchListID	SQL Generated	
	UserID	SQL Generated	
	AddedOn	From Application	
	Ranking	From Application	
Actors	ActorID	SQL Generated	
	First Name	https://www.omdbapi.com/	We will use omdbapi to grab the the actor info for respective title
	Last Name	https://www.omdbapi.com/	We will use omdbapi to grab the the actor info for respective title
Movie_Actors	MovieID	SQL Generated	
	ActorID	SQL Generated	
Directors	DirectorID	SQL Generated	
	First Name	https://www.omdbapi.com/	We will use omdbapi to grab the the director info for respective title
	Last Name	https://www.omdbapi.com/	We will use omdbapi to grab the the director info for respective title

Movie_Directors	MovieID	SQL Generated	
	DirectorID	SQL Generated	
ConnectedTo	UserAID	Randomly Generated	
	UserBID	Randomly Generated	
	ConnectedSince	From Application	
Review	UserID	SQL Generated	
	MovieID	SQL Generated	
	Content	https://www.kaggle.com/datasets/shivvm/popular-movies-imdb-reviews-dataset?select=imdb_list.csv	Contained in columns of imdb_reviews.csv
Rating	UserID	SQL Generated	
	MovieID	SQL Generated	
	Stars	https://www.kaggle.com/datasets/shivvm/popular-movies-imdb-reviews-dataset?select=imdb_list.csv	Contained in columns of imdb_reviews.csv
Movie_Genre	MovieID	SQL Generated	
	GenreID	SQL Generated	
Genre	GenreID	SQL Generated	
	Type	https://www.kaggle.com/datasets/shivvm/popular-movies-imdb-reviews-dataset?select=imdb_list.csv	Contained in columns of imdb_list.csv