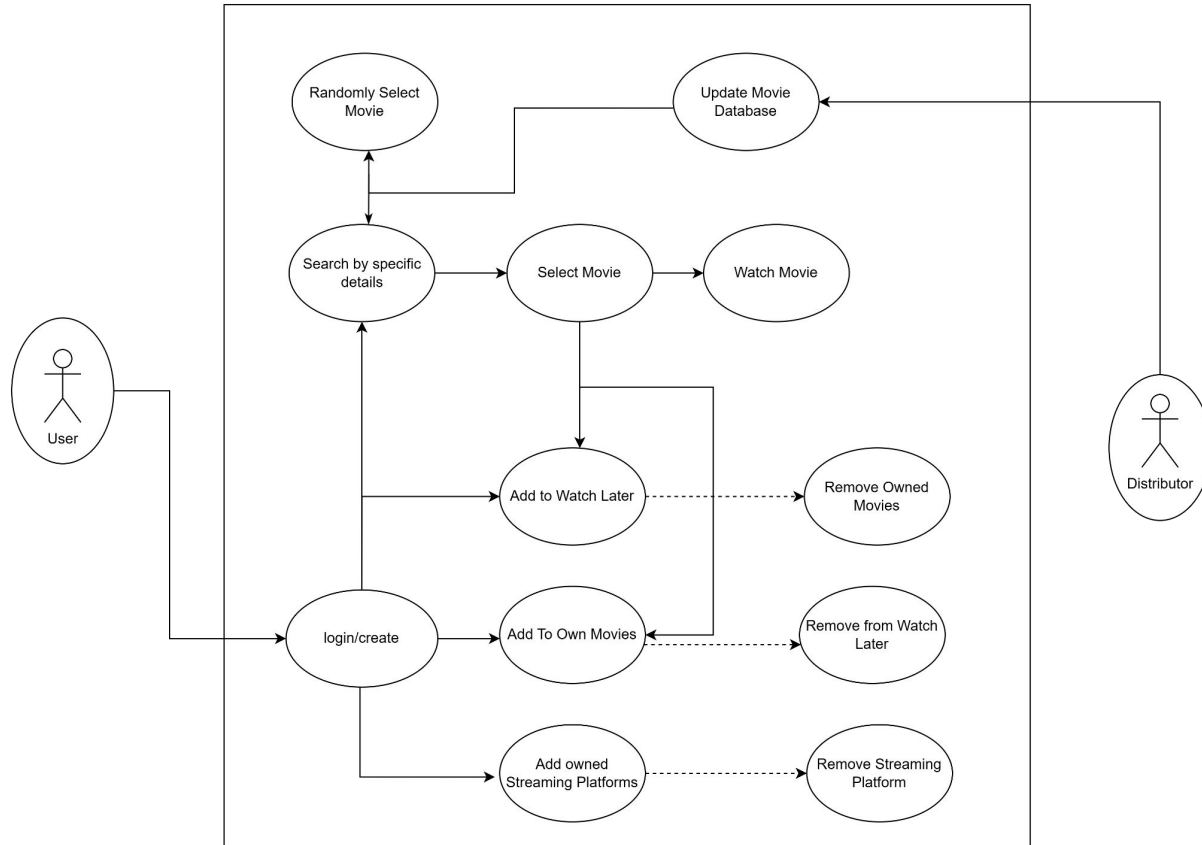# Film Organizer

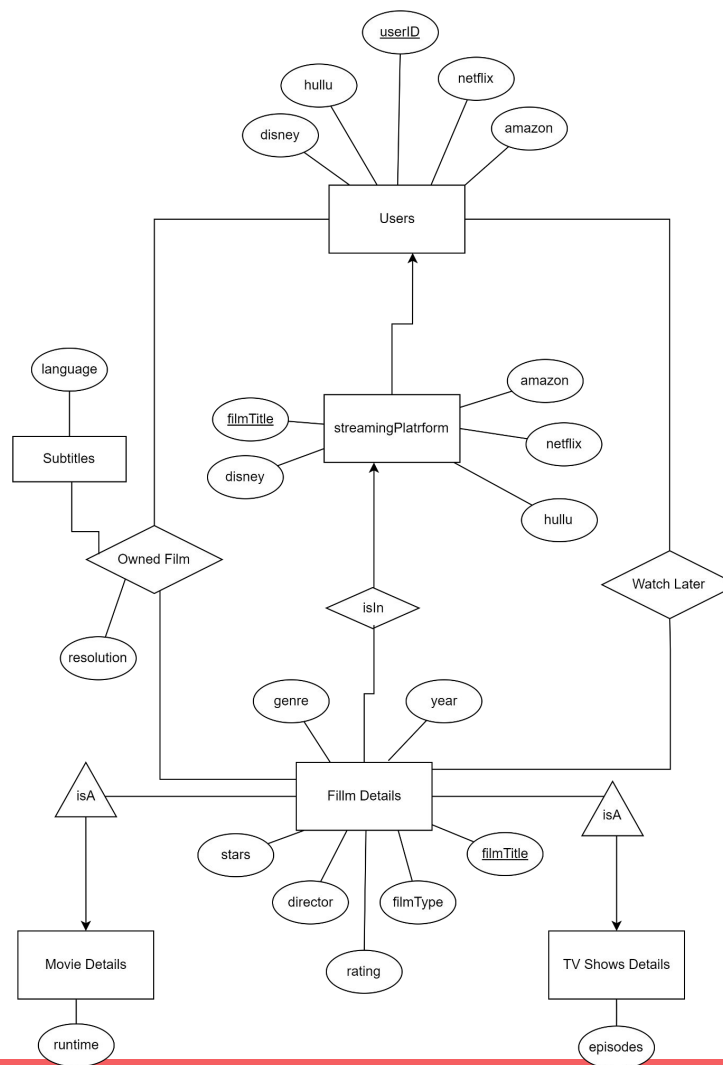**Database Systems Fall 2023**
Jose Cano & Angel Gurrola

System Description

- Organize film files downloaded from outside sources
- Search through film database
  - See if film is available in streaming platform
  - Search for specific details (directors, stars, genre, etc.)
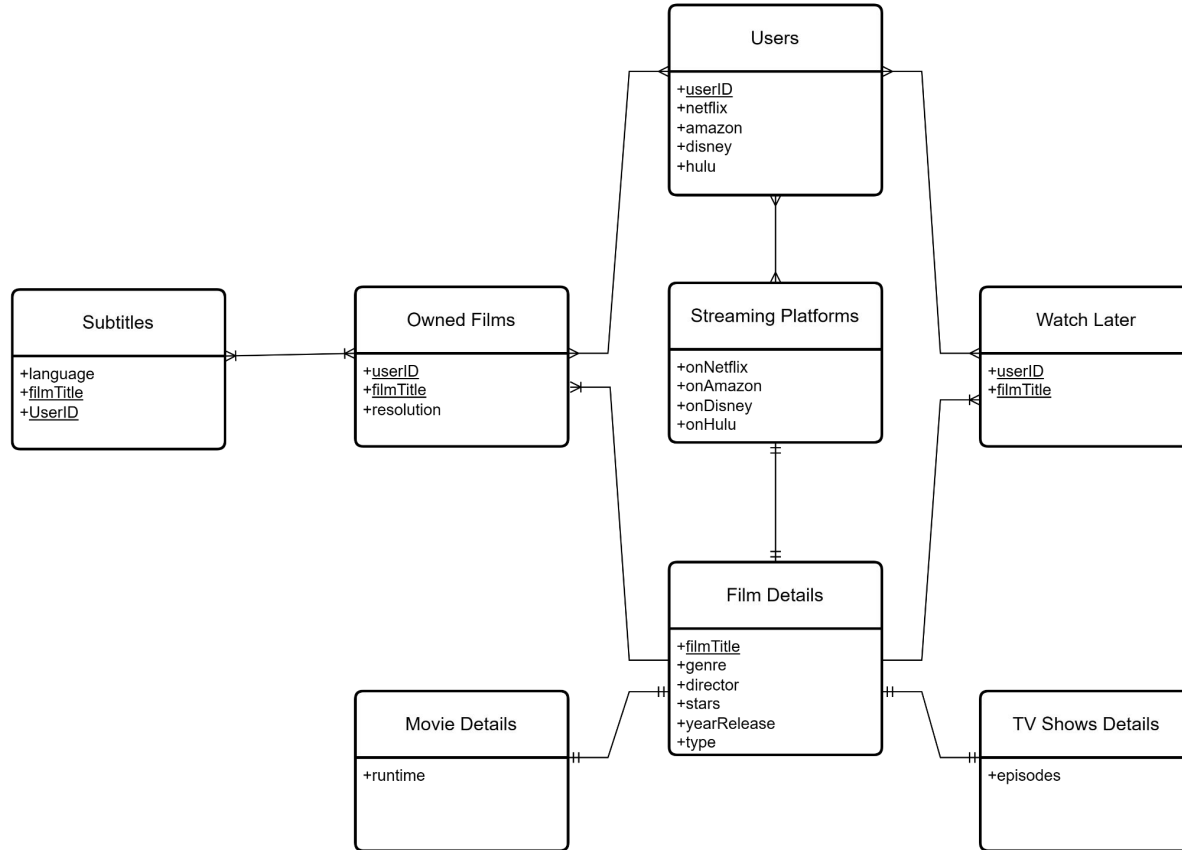 - Add films to watch later list

UML Diagram

E/R Diagram

E/R Specification

Users
- +<u>userID</u>
- +netflix
- +amazon
- +disney
- +hulu

Subtitles
- +language
- +<u>filmTitle</u>
- +<u>UserID</u>

Owned Films
- +<u>userID</u>
- +<u>filmTitle</u>
- +resolution

Streaming Platforms
- +onNetflix
- +onAmazon
- +onDisney
- +onHulu

Watch Later
- +<u>userID</u>
- +<u>filmTitle</u>

Film Details
- +<u>filmTitle</u>
- +genre
- +director
- +stars
- +yearRelease
- +type

Movie Details
- +runtime

TV Shows Details
- +episodes

Implementation

- Command Line Interface (CLI)
  - Python
  - SQLite