

Movie Watchlist and Review System CS4092: Database Design and Development – Summer 2025

1. Project Overview A relational database for maintaining a personal movie watchlist and writing reviews.
2. User Role User: Add movies to watchlist, mark watched, create reviews.
3. Entities & Attributes User(user_id PK, name, email) Movie(movie_id PK, title, director, genre, release_year) Watchlist(user_id FK, movie_id FK, status) Review(review_id PK, user_id FK, movie_id FK, rating, comment, review_date)
4. Relationships User:M:N Movie via Watchlist User:1:N Review Movie:1:N Review
5. Use Cases Add movie to watchlist, mark watched, write review, view watchlist, search by genre, view reviews & avg rating.