Q1. Design Netflix Schema

Unsolved

Design Database Schema for a system like Netflix with the following Use Cases. You can draw it on pen and paper and upload the image of your solution.

Use Case

Netflix has users

Every user has an email and a password

Users can create profiles to have separate independent environments.

Each profile has a name and a type. Type can be KID or ADULT.

There are multiple videos on Netflix.

For each video, there will be a title, description and a cast.

A cast is a list of actors who were a part of the video. For each actor, we need to know their name and list of videos they were a part of.

For every video, for any profile who watched that video, we need to know the status (COMPLETED/ IN PROGRESS).

For every profile for whom a video is in progress, we want to know their last watch timestamp.



