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Definition of the project.

Define the project requirements, which should contain what information should be captured. Keep in mind that the system is based on Netflix (you can enter the platform and use it as a reference). Options to consider when defining the requirements (describe the requirements only for the 8 requirements presented here).

1. Login option.
2. Account personalization.
3. Favorite movies selection.
4. View movie catalog.
5. Movie filter by type.
6. Movie information.
7. Store viewing time of a movie, possibility to leave the movie without it being finished, but with the option to watch it again from where it was left off the last time.
8. Movie's likes and comments.

Define everything in natural language. It's recommended to use the following template.

REQUIREMENTS NAME	REQUIREMENT DESCRIPTION	ATTRIBUTES TO STORE
Login option	Create an account, credentials validation and choose the type of subscription the user wants.	Account_id SuscriptionID Birthday Last_name Adress Phone_number Name Cration date. countryID lenguaje ipAdress countryName ageRestriction
Account personalization	The user can choose the format for some information such as nickname, profile	profileID contentID parentalControl

	picture, password and if it'll have parental control for each individual profile.	profileID language nickname payment status paymentDate amount userID paymentInformation suscRIPTIONID
Favorite movies selection	Catalog with the user's favorite movies and series, with relevant information for the user.	In the entity of the profile we have an attribute called "Favorites",
View movie or series catalog	Show the list of the movie or serie with its own title and picture	the same as "Favorites selection" but without "Favorites and Profile"
Movie or serie filter by type	Filter the movies and series according to the type of series or movies they are.	commentId current playing time genre title information language poster episodes publishDate contentID reproductioList ageRestriction producer likes commentId
Movie or serie information	Relevant information about the movie or serie, such as category, score and a little description	commentId current playing time genre title information language poster episodes publishDate contentID reproductioList ageRestriction producer

		likes commentId
Store visualization time of a movie.	Possibility of quit from the movie without this one being finished, but with the possibility to come back and start from the last time.	contentId timeCounter userId streamID StreamDate content_id
Movie's likes and comments	The users will be able to rate the movies from 1 to 5 stars and leave their comments	Likes ContentOfComment Content_id Comment_id Profile_id

Attribute types are found in the code.

Entity relationship model

Design the entity relationship model based on the detailed requirements. It is important to identify weak entities, partial attributes and keys, derivatives and multiple values. Identify the cardinality.

For this section go to the file rar to check it.

Relationship model

Migrate from the entity relationship model to the relational model, identify the many-to-many relationships and capture them in the model, assign the cardinality accordingly (Use the glossary of class 3, all options will be taken into account).

For this section go to the file rar to check it.

Migrate the relationship model to a database

Pass the relationship model to a database, generate the scripts, these will be executed and validated.

For this section go to the file rar to check it.