Databases Foundations I
Season 2024-I
Workshop No. 4 — SQL

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Your next challenge: be a database engineer for *Alphabet* company. In this moment, the CTO of *Alphabet* asked you to create a full **sql code** to create next database design in *Figure 1*.

You should populate the database to have at least 5 records in each table, but *User* and *Video* tables should have at least 10 records.

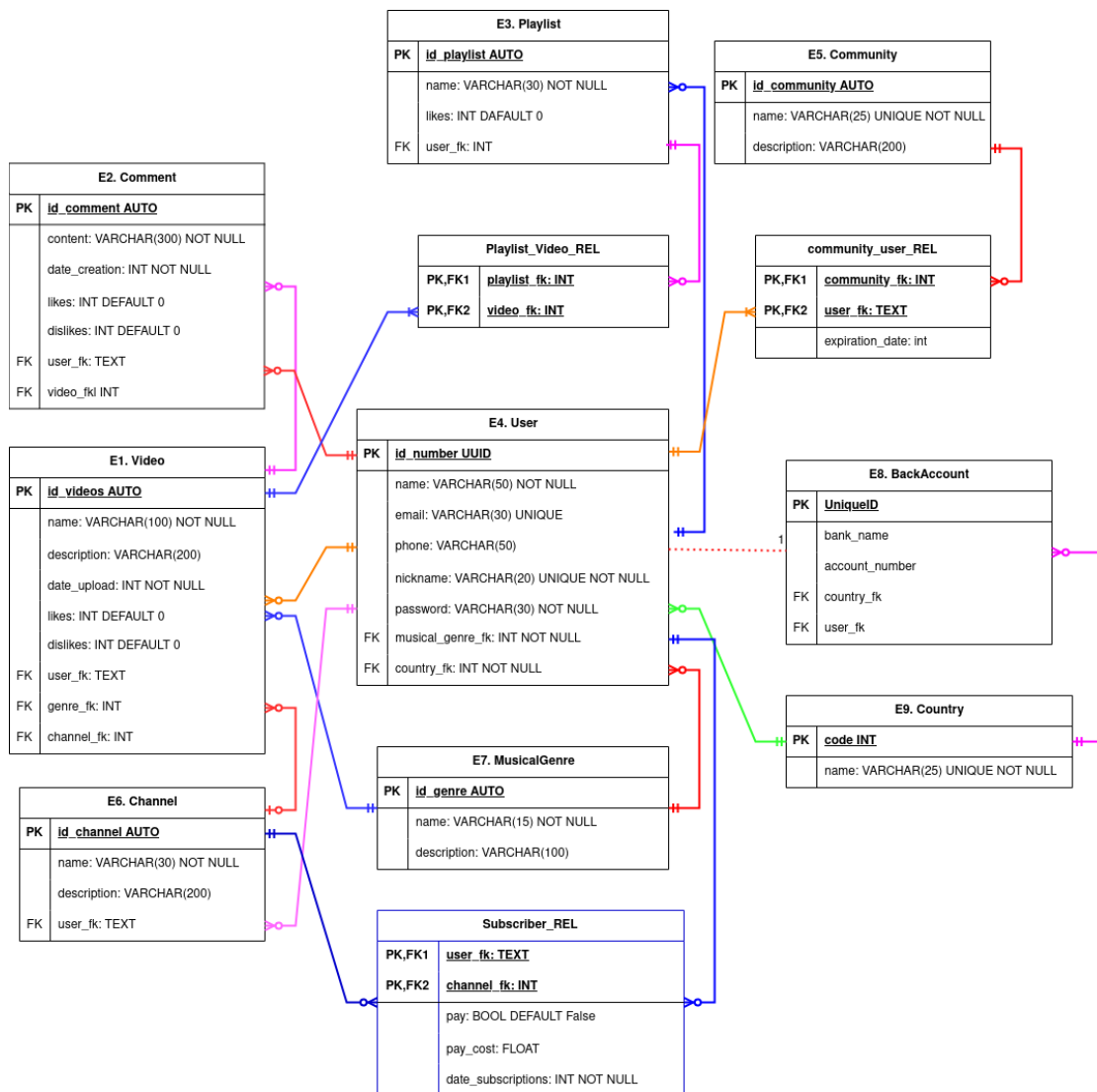Also, you should create SQLs to show next information:

1. All the videos uploaded for any user from an specific country.

2. Show the available music genre and count how many videos there are per genre.

3. Show the information of all videos, adding the name and email of the user who uploaded it, with more than 20 likes.

4. Show all channels that have at leats one subscriber from a specific country.

5. Show all the comments with the related user and video information, where the comment has the word: *ugly*.

6. Show the first three users with all the related information for country, bank account, and prefered musical genre, order by email.

Now just make next changes:

- Add a column to video called *Popular* to know if the video is popular or not.

- Make an update for all videos with more than 20 likes to be popular, or mark if video is not popular.

Figure 1. Database Design for *Alphabet* company.

- Delete the comments with the word *ugly*.

   That's all! Good luck!

Note 1: You should create a *.sql* file with the code to create the database and populate it.

Note 2: You could use any SQL engine to create the database. Also, you could use internet.