# Databases Foundations I
## Season 2024-I
## Workshop No. 3 — DBMS

**Eng. Carlos Andrés Sierra, M.Sc.**
Computer Engineering
Universidad Distrital Francisco José de Caldas

This is a pretty simple challenge. As you must demostrate all your knowledgement and solution problems skills, it is important to have a functional database.

So, the CTO of *Alphabet* asked you to create a in a DBMS a database called **YouTubeDB** with the following requirements:

- Save information of **Video** with information related to *VideoID*, *Title*, *Views*, *Likes*, *Dislikes* and *ChannelID*.

- Save information of **Channel** with information related to *ChannelID*, *Name*, *Subscribers* and *Country*.

- Save information of **Playlists** with information related to *PlaylistID*, *Name*, *Owner*, *Videos* and *ChannelID*.

- Save information of **User** with information related to *UserID*, *Name*, *Alias*, and *Password*.

You must deliver a technical report with the following information:

1. A E-R diagram of the database model.

2. Technical information about your decisions on data types and relations.

3. A screenshoot of your work in the DBMS.

4. A SQL script to create the database. It could be generated since the DBMS.