Student: Daniel Josué Rozo Rodríguez - 20222020006 – Database foundation – Workshop 1

1. **Users stories:**
- **E1.** Like a user i need to have an user or an account to sign in the platform and realize all the activities
- **E2**. I need an instrument to create and upload videos in the platform
- **E3**. I want to see videos
- **E4**. I need to comment the videos that i see with my personal opinion
- **E5**. I want that the video creator knows if i like or if i doesn't like his videos, a option to like or dislike
- **E6**. I want to show or see a video in live to connect at the same time to other people
- **E7.** I need to see what videos i watch, i need a history
- **E8.** I want to save the videos that i preffer in some pleace, i need to organice the videos in a playlist

2. **10 Steps methodology to get Data Structured:**

- **1. Define entities:**
- **E1.** User
- **E2**. Video Maker
- **E3**. Videos
- **E4**. Comments
- **E5**. Like/dislike options
- **E6**. Live Transmissions
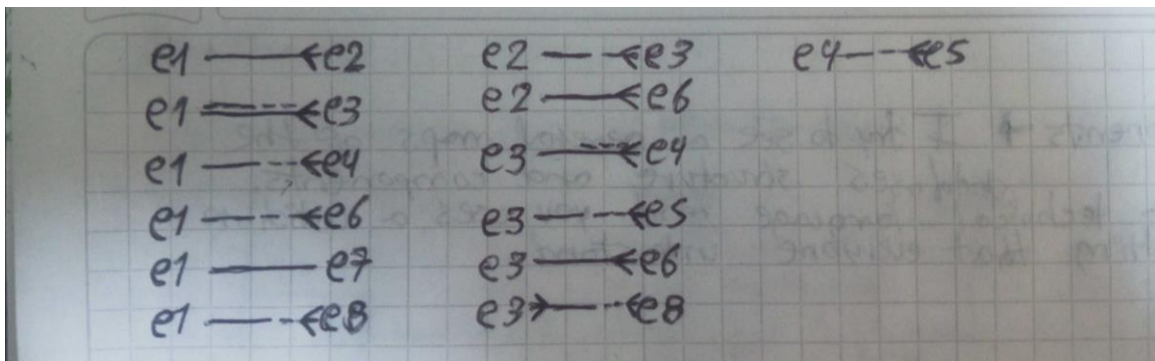- **E7.** History
- **E8.** Playlists

- **2. Define atributtes per entity:**

- **E1.** User - ID, Email, Username, suscribers, subscriptions
- **E2**. Video Maker – ID, Uploader of videos, instruments to edit video
- **E3**. Videos – ID, Name, Duration
- **E4**. Comments – UserID, Longitude
- **E5**. Like/dislike options - Date
- **E6**. Live Transmissions - Duration time
- **E7.** History – Numbers of watched videos, Views
- **E8.** Playlists – ID, Name, Numbers of videos

- **3. Define relationships:**
- The grafic is designed in the draw.io file

- **4. Define relationships tipes:**

- **5-10. Points (First entity relation draw...Get data structure):**
- Is in the draw.io file

3. **Tecnical desichion/ consideration you made in the design process:**
- Is important to really considerer the phrases and requeriments at the beginig of the proyect, beacuse when i try to design start with 11 requirements and finish with 7, evalue the iportant of the requeriment and see his functionally with the program.
- Interact with the previus aplications is vital to define components, DONT MISS THE ESSENCIAL

4.

- The time

- The aplication order

- The knowledge of the tools of desig