

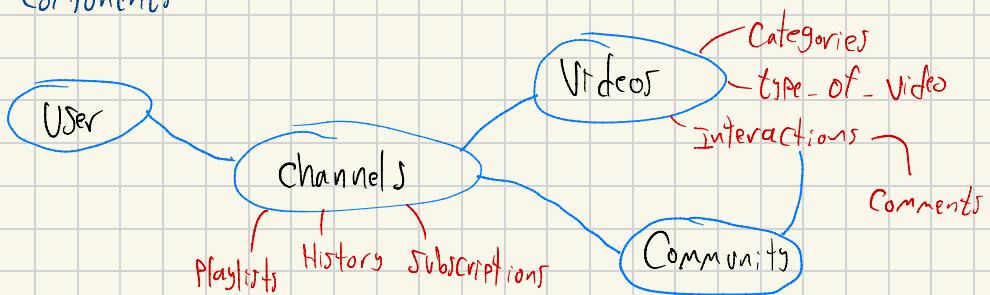
Workshop No. 1

1.

- As a person interested in certain categories, I want to be able to choose a video based on its category so that I don't lose my mind looking for something that entertains me
- As a kid, I want to see videos specially made for kids so that I get entertained and stay safe at the same time
- As a content creator, I want to make playlists so that everybody can watch related videos
- As a common user, I want to subscribe to any channel so that I can see their videos later
- As a common user, I want to save videos for later so that I can watch them whenever I have time
- As a common user, I want to be able to look at a record of videos I've already watched so that I can finish them or rewatch them later
- As a common user, I want to get notifications so that I am aware whenever any content creator uploads a video

2. 10 steps methodology

0. Define Components



1. Define Entities

- E1. User
- E2. Channel
- E3. Subscriptions
- E4. Video
- E5. History
- E6. Playlists
- E7. Categories
- E8. type_of_video
- E9. Interactions
- E10. Comments
- E11. Notifications
- E12. type_notifications

2. Define Attributes per Entity

- E1. => Name, Country, Username, Password, id, Fk_Channel
- E2. => Channel_name, Fk_Subscriptions, Fk_Upload_Videos, Fk_History, Fk_Playlists, Id
- E3. => Id, Channel_name, type_notifications
- E4. => Id, Video_name, Fk_Channel, date_uploaded, duration, Fk_type_of_video, Fk_Categories
- E5. => Id, Video_name, minute_seen, Channel_Owner
- E6. => Id, Playlist_name, Fk_Saved_Videos, date_created
- E7. => Id, name
- E8. => Id, name
- E9. => Id, Fk_Video, likes, Number_of_Comments, Fk_Comments
- E10. => Id, Channel_name, description

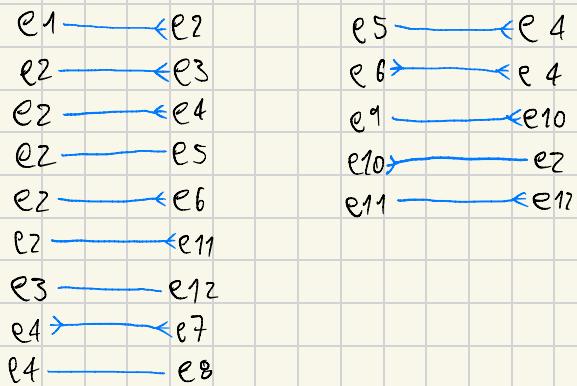
e11. \Rightarrow Id, channel_name, Video_uploaded, type_notifications

e12. \Rightarrow Id, name

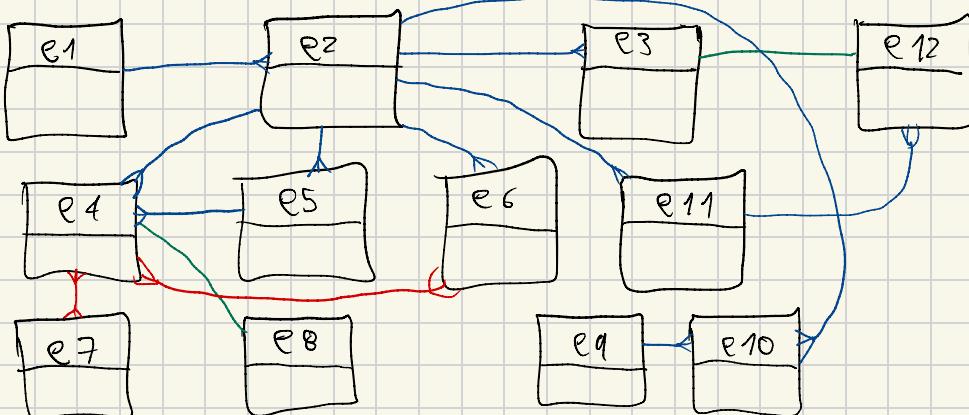
3. Define Relationships

	e1	e2	e3	e4	e5	G	H	I	J	K	L	M	e12
e1													
e2	X		X	X									
e3	X									X	X		
e4	X				X	X						X	
e5	X												
e6	X												
e7			X										
e8			X										
e9													
e10									X				
e11		X											
e12		X								X			

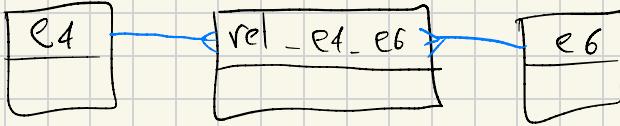
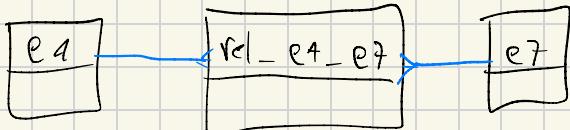
4. Define Relationships Types



5. First Entity-Relationship Draw



6. first split many-to-many Relationships



8. Second Entities - Relationship Draw

