

Relational Schema

channel(channel_id, email, password, channel_name, birth_date, gender, region, date_of_registration, profile_picture_path)

video_comment(comment_id, comment_text, commenting_date, channel_id, video_id)

video(video_id, title, description, source_video_path, thumbnail_path, date_of_uploading, video_privacy_status, channel_id)

playlist(playlist_id, playlist_name, date_of_creation, playlist_privacy_status, channel_id)

contains(video_id, playlist_id)

subscribes(subscriber_id, subscribed_to_id, subscription_date)

views(channel_id, video_id, view_date)

likes(channel_id, video_id, like_date)