**What are the publish + subscribe services that will be utilized?**

**S1 : A new user account is created in Gmail/YT**

**Publisher:** Create new account services

**Subscriber:** Authentication service, storage service, database service, email service,verification service, notification services, advertisement service, contacts service.

**S2 : The user logs in to YT using the account**

**Publisher:** Create new login service

**Subscriber:** authentication services, logging services, ads services, feed services, notification services, database services, history services, user interaction services, video & audio services, network services, feedback services.

**S3 : Create a subscription service in YT**

**Publisher:** New subscription services

**Subscriber:** subscriber services, notification services, channel services, recommendations services.

**S4 : User :: Create a channel**

**Publisher:** Create channel service

**Subscriber:** channel services, email services, notification services, management services, verification services, customization services, subscription services, monetisation services, web services.

**S5 :: user --> channel --> uploads a video**

**Publisher:** Create video services → upload video services

**Subscriber:** account services, access/permission/authentication/identification services, email services, database services, video/audio storage services, editing service, audience services, network services.