Project Design Phase-II
Data Flow Diagram & User Stories

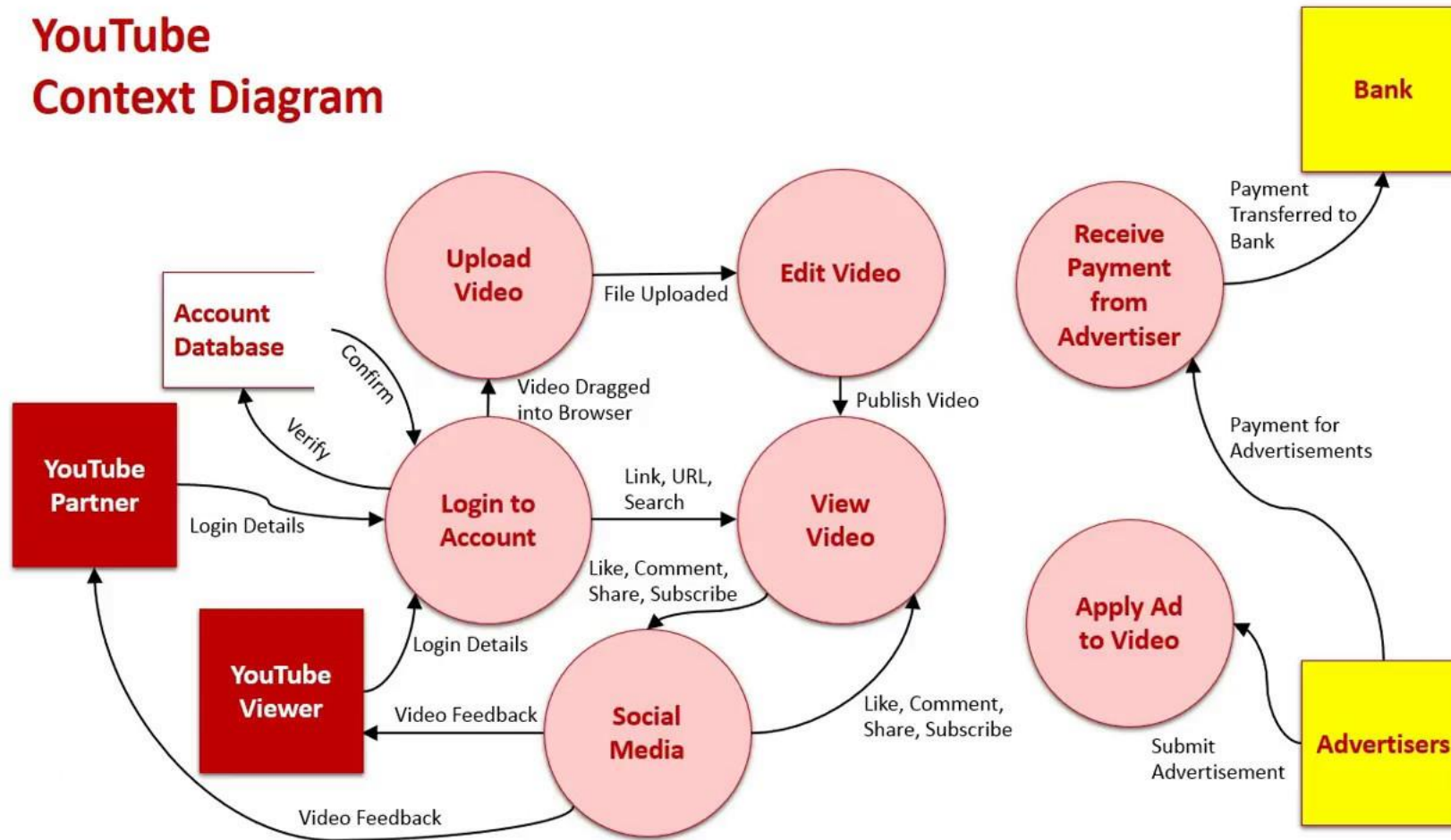| Date	29 October 2023
Team ID	NM2023TMID03194
Project Name	Subscribers Galore: Exploring the World's Top YouTube Channels
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: (Simplified)
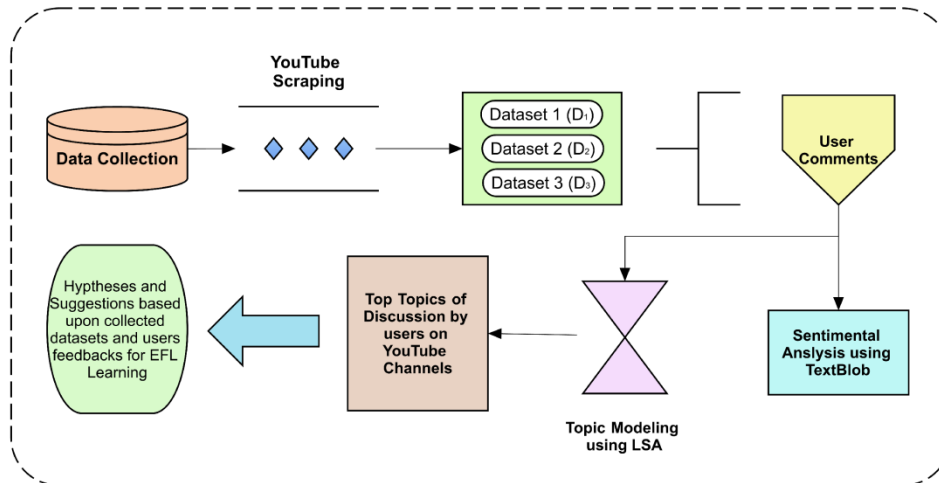
Example: DFD Level 0

YouTube Context Diagram

Upload Video
Account Database
Edit Video
File Uploaded
Receive Payment from Advertiser
Bank
Payment Transferred to Bank
Confirm
Verify
Video Dragged into Browser
Publish Video
Payment for Advertisements
YouTube Partner
Login Details
Login to Account
Link, URL, Search
View Video
Like, Comment, Share, Subscribe
Login Details
Apply Ad to Video
YouTube Viewer
Video Feedback
Social Media
Like, Comment, Share, Subscribe
Submit Advertisement
Advertisers
Video Feedback

User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	High-Quality Video Uploads	USN-1	As a content creator, I want to upload high-definition videos so that my subscribers can have the best viewing experience.	Videos can be uploaded in 1080p, 4K, and 8K resolutions.	High	Sprint-1
	Consistent Content Scheduling	USN-2	As a subscriber, I want to know when new content will be released so I can be among the first to watch.	A feature to schedule video uploads in advance is available.	High	Sprint-1
Customer (Web user)	Effective Video Thumbnails and Titles	USN-3	As a viewer, I want clear and catchy thumbnails and titles so I can quickly decide what I want to watch.	Thumbnails can be uploaded in high resolution.	Low	Sprint-2
Customer Care Executive	Community Engagement	USN-4	As a content creator, I want to interact with my viewers through comments, polls, and community posts to maintain a strong relationship with my audience.	Content creators can pin, like, or reply to comments.	High	Sprint-1
	Monetization and Advertising	USN-5	As a content creator, I want to earn revenue from my content through ads, channel memberships, and super chats during live streams.	Creators can enable or disable ads for each video.	High	Sprint-1