

Micro Project Report

On

You Tube System

Diploma Computer Engineering
Semester 4th (Term :- 2024-2)

(Introduction to Software Engineering - 4340702)

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SCOPE OF YOUTUBE

- ❖ **Using Youtube API :-**
Connect to youtube API to get data like video details, channel information, and comments.
- ❖ **Data Analysis :-**
Compare different channels and present results visually.
- ❖ **User Interface :-**
Design a simple and easy use interface. Make it work well on both computers and mobile devices.
- ❖ **Testing and Deployment :-**
Test the application to make sure it works correctly.
- ❖ **Diverse content :-**
From music, movies, and gaming to education and lifestyle, youtube serves all kinds of audience.



FUNCTIONAL REQUIERMENTOF YOU TUBE

- 1) Show the video.
- 2) Download the video.
- 3) Subscribe the video.
- 4) Start the video.
- 5) Stop the video.
- 6) Make your video.
- 7) Make your channel.
- 8) Search history.
- 9) Delete video.
- 10) Delete history.
- 11) Make profile.
- 12) Delete video.



SRS OF YOUTUBE

R.1 Registration User.

R.1.1 Download system.

Input :- download system in playstore.

Output :- open system.

R.1.2 Enter information.

Input :- mobile no ,name ,password, email address etc.

Output :- click registration button.

R.1.3 Verify mobile number.

Input :- click registration button.

Output :- open the system.

R.1.4 Open a system .

Input :- open app.

Output :- use the app/system.

R.2 Download Video.

R.2.1 Open a system/app.

Input :- open system.

Output :- touch the video.

R.2.2 See video.

Input :- touch the video.

Output :- see the video.

R.2.3 Click download video button.

Input :- see the video.

Output :- down load video.

R.2.4 Permanent in youtube.

Input:- Download video.

Output :- store permanent in you tube.

R-3 Make Video.

R.3.1 Make you channel or video.

Input :- make channel or video.

Output :- create channel.

R.3.2 Enter basic information.

Input :- enter mobile number, name , email address ,channelname

Output :- display channel.

R.3.3 Make video.

Input :- video is make in our channel.

Output :- video search.

R.3.4 See video .

Input :- video is search.

Output :- show the video.

R.3.5 Stop the video.

Input :- show the video so click star or stop button.

Output :- video is stop.

R.3.6 Click delete video button.

Input :- video stop.

Output :- delete video.

R-4 Share Video.

R.4.1 Search video.

Input :- search is video.

Output :-show the video.

R.4.2 See video.

Input :- show the video.

Output :- share video.

R.4.3 Click share video button.

Input :- share video.

Output :- send other person.

R.4.4 Click send button.

Input :- send other person.

Output :- see other person.

R-5 Comment Video.

R.5.1 Searching video.

Input :- video search.

Output :- show the video.

R.5.2 See video

Input :- click the video.

Output :- see the video.

R.5.3 Comment in video.

Input :- comment pass.

Output :- send button click.

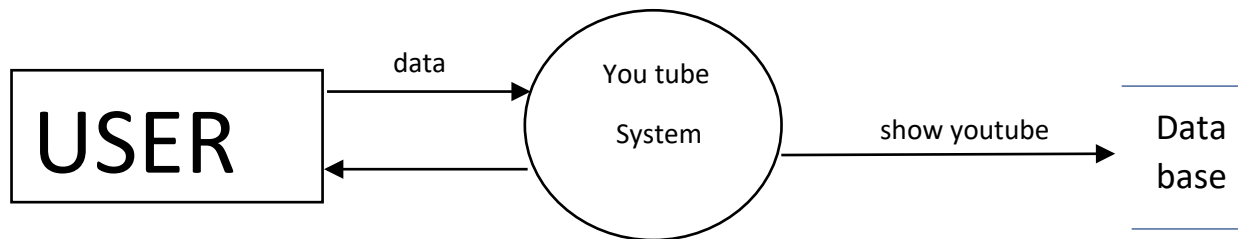
R.5.4 Send comment.

Input :- send button click.

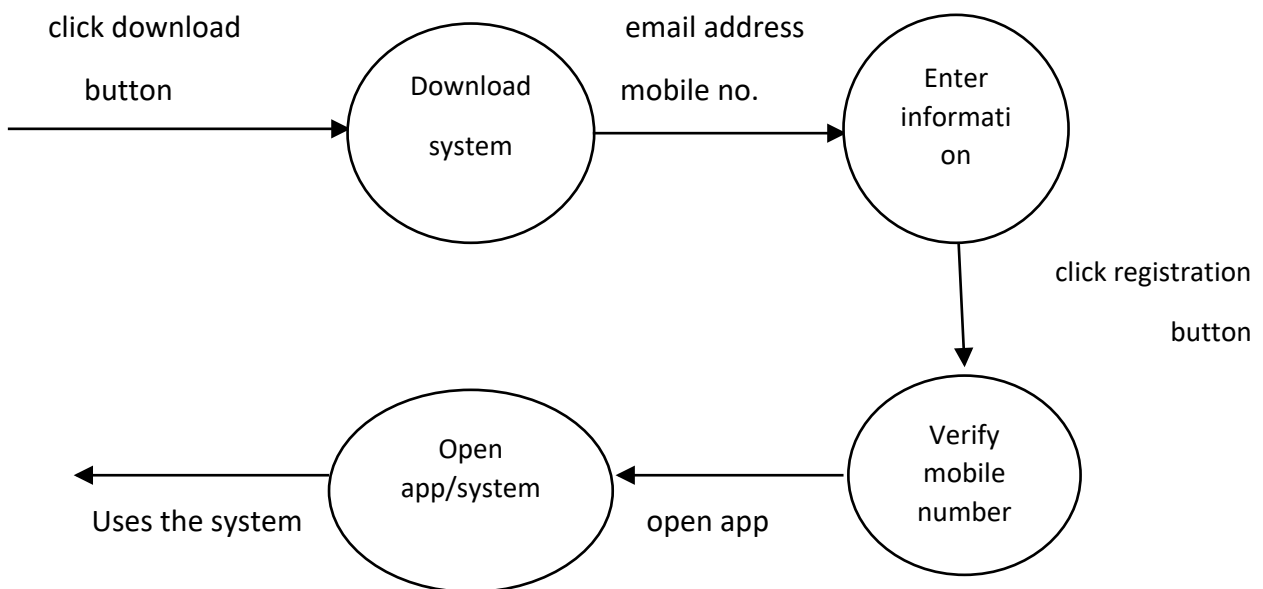
Output :- submit feedback.

DFD LEVEL-0 AND LEVEL-1

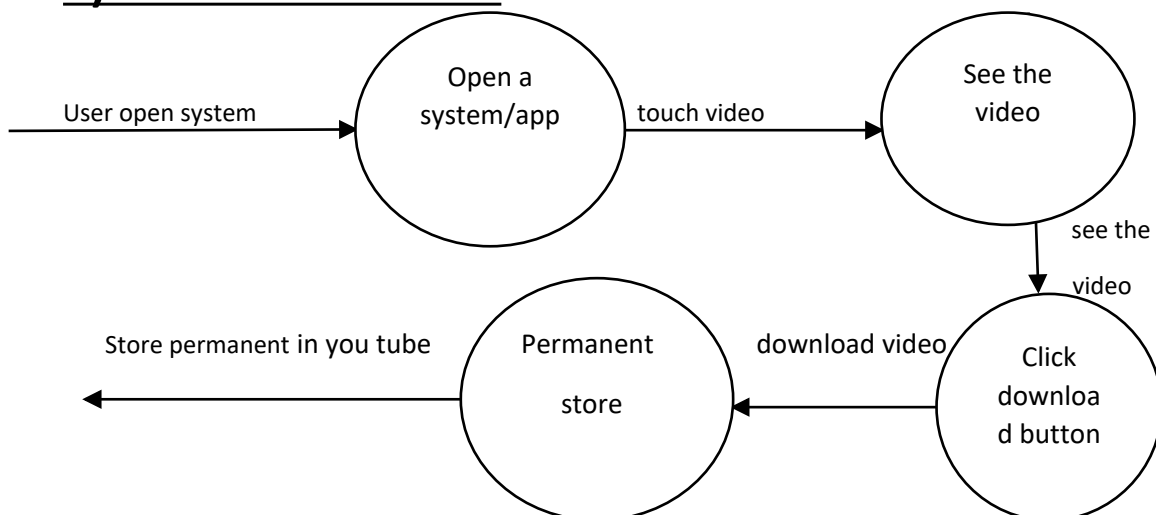
1) Level -0



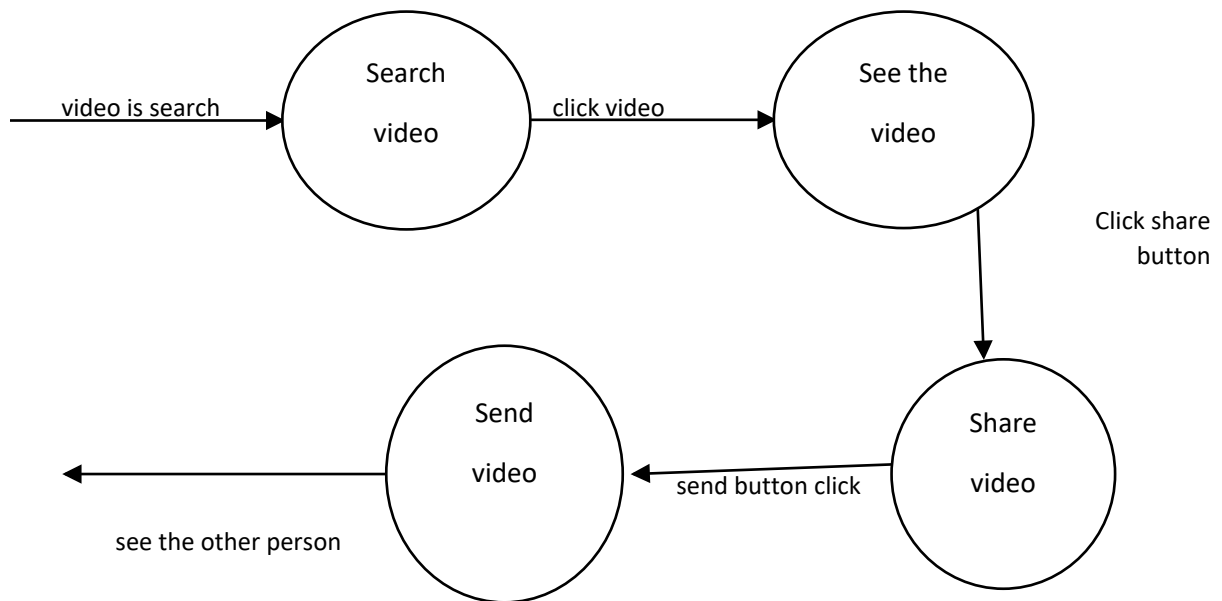
2) Registration User



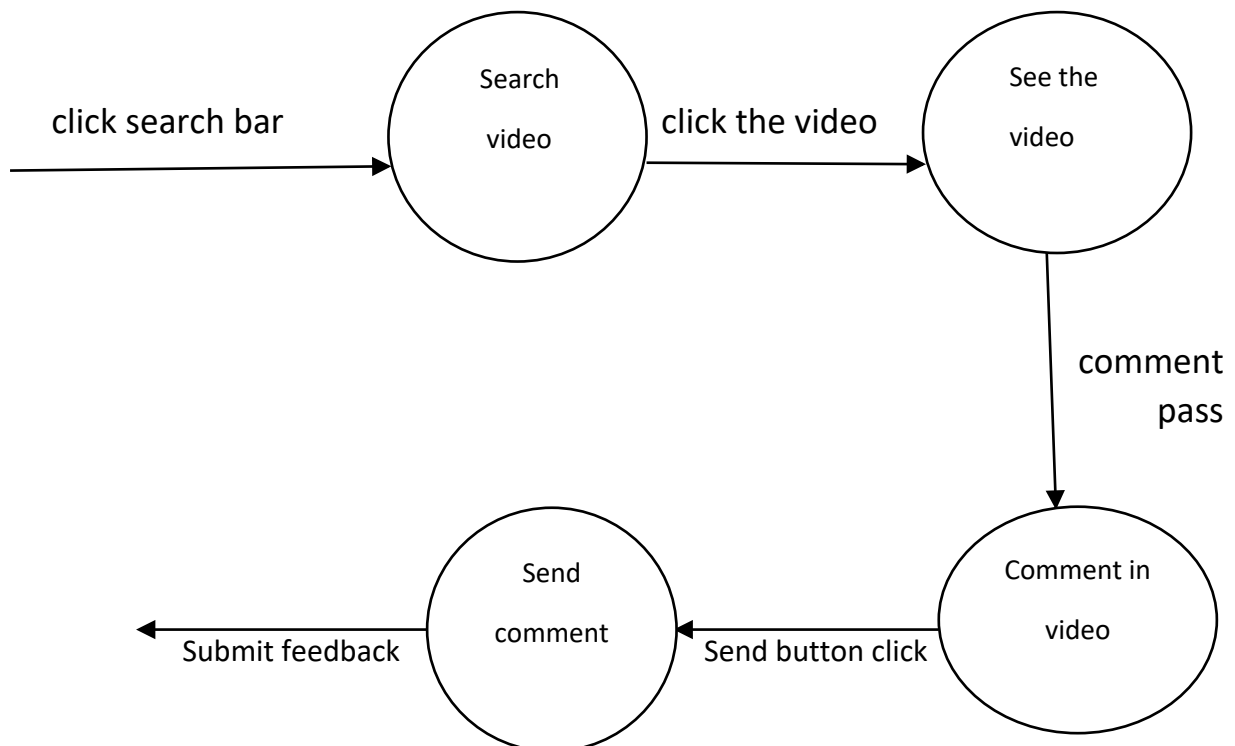
3) Download Video.



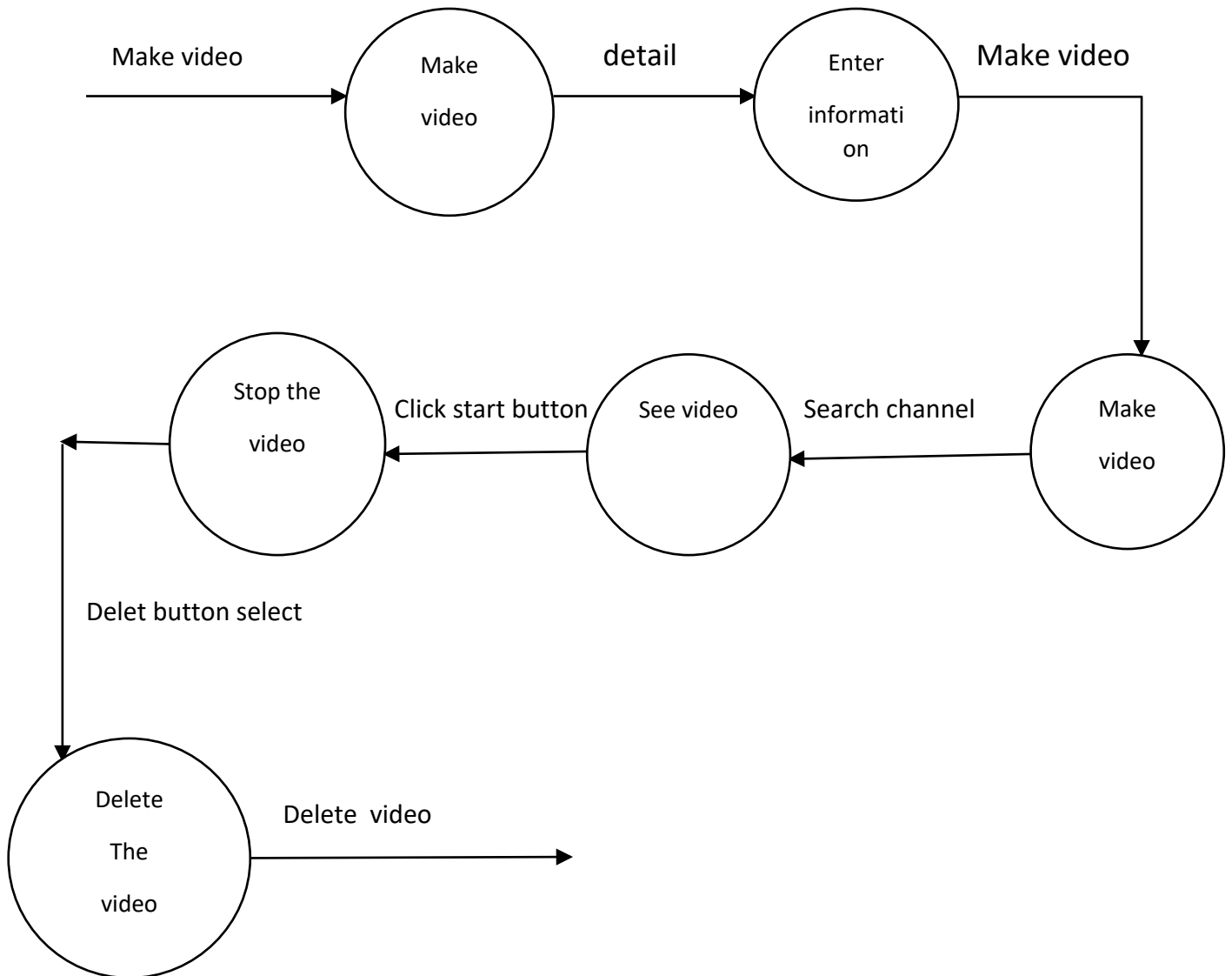
4) Share Video.



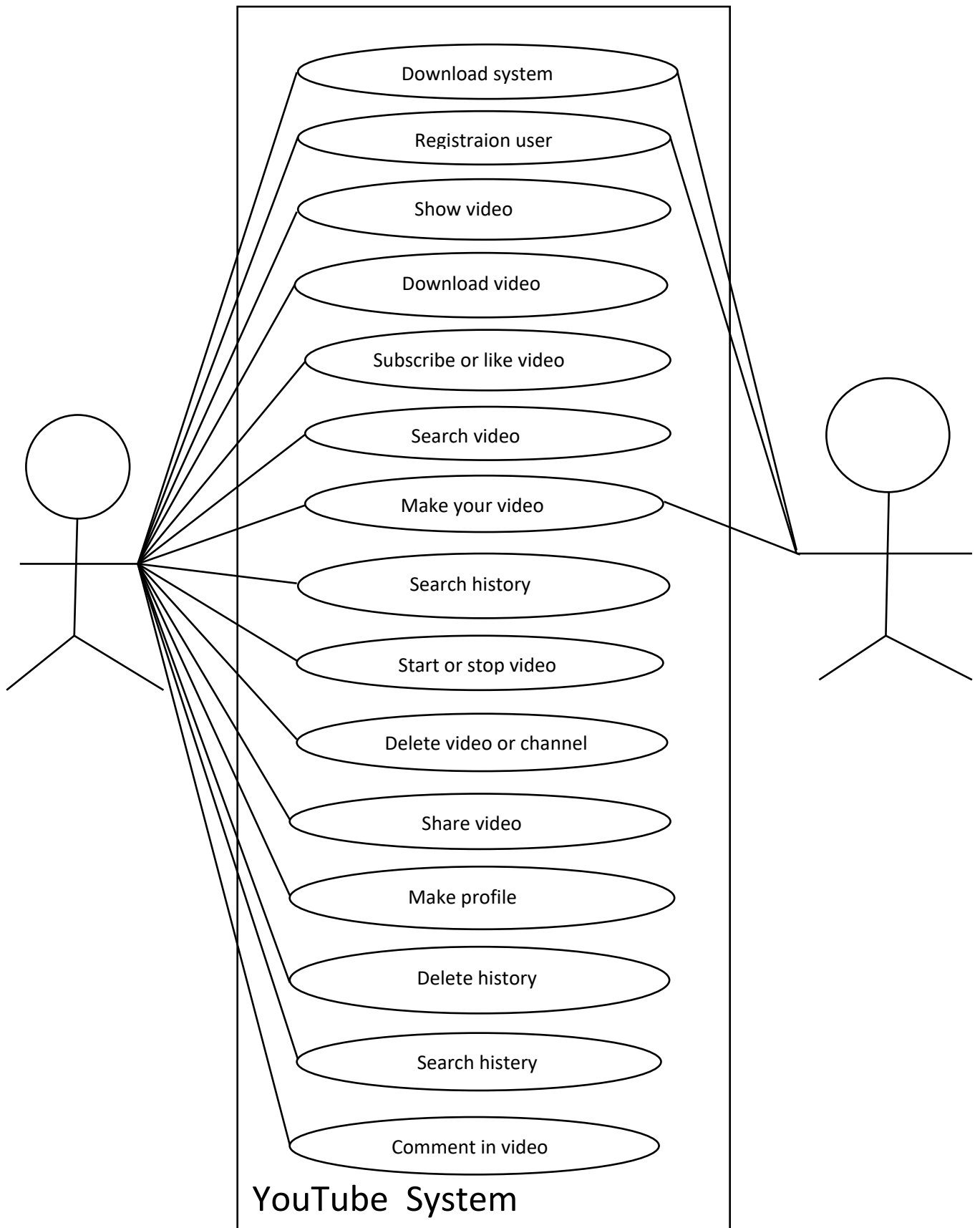
5) Comment on Video.



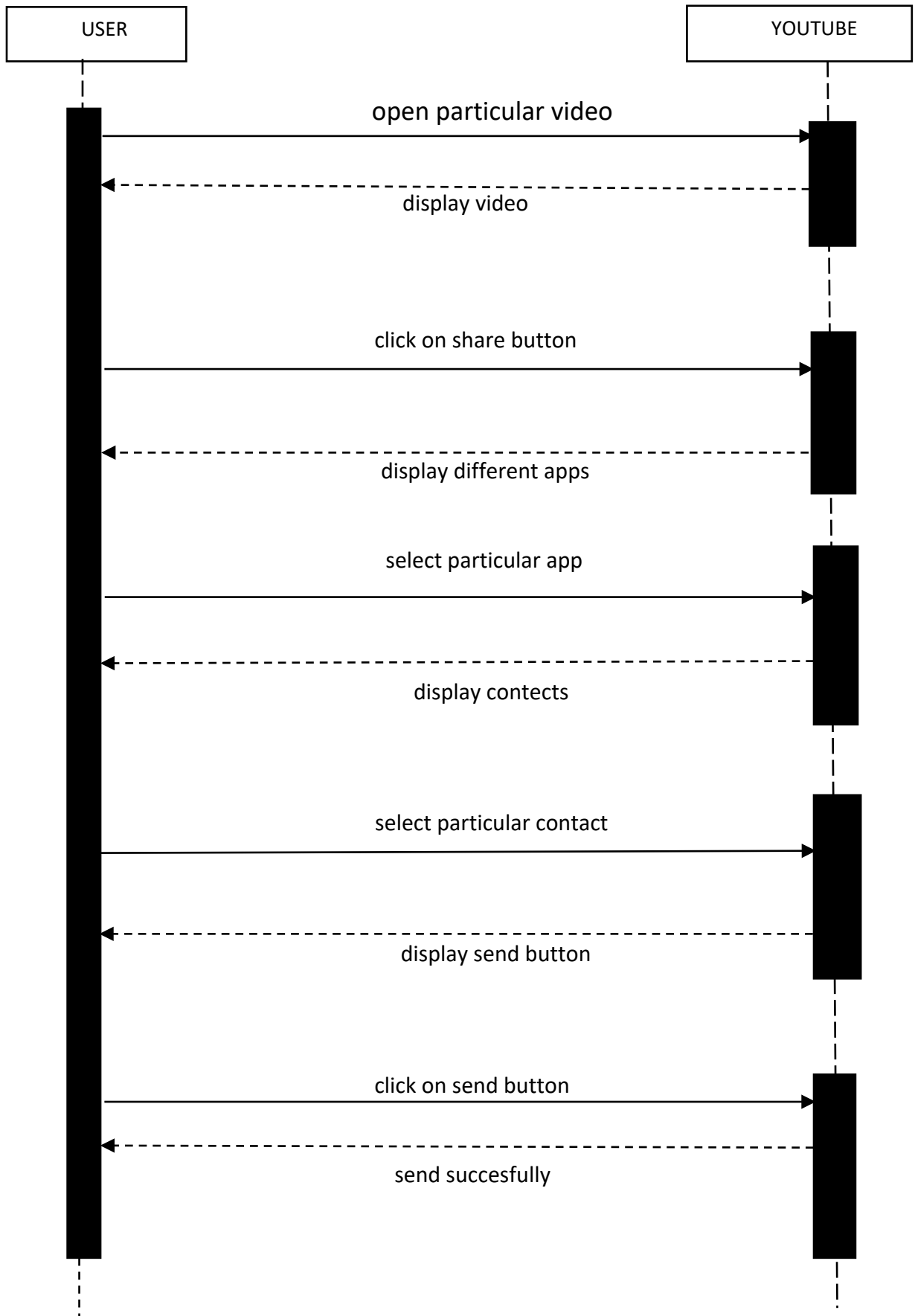
6) Make Video.



USE CASE DIAGRAM OF YOUTUBE



SEQUENCE DIAGARAM OF YOUTUBE



ACTIVITY DIAGRAM OF YOUTUBE

