Pakistani Video Entertainment Portal

Project report by

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Declaration

I hereby declare that this report is my own work and effort and that it has not been submitted anywhere for any award. Where other sources of information have been used, they have been acknowledged.

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Abstract

Pakistani video entertainment portal is a website which provides a single platform for classical videos. This website is developed to provide the classic video lovers a friendly environment and easy interface to watch their all-time favorite classic videos on single platform. These videos include categories of drama, film, TV show and songs. Searching is made very easy by giving each video tags. Clicking on each tag will open related videos.

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Chapter 1

Software Project Management Plan

1.1 Introduction

This chapter provides the description of software approach and associated milestones. It also covers what tools and techniques are used to develop software.

1.1.1 Project Overview

Pakistani videos entertainment portal is an information system provides archiving of Pakistani classic old videos in different categories: dramas, telefilms, movies, songs and TV shows. Basic search include search by year, actor, producer, director, writer, singer, drama name or movie name. These search facilities will be given as tags in each video files. Click on each tag will open a list of corresponding videos.

1.1.2 Project Deliverables

The project deliverables includes:

- 1st deliverable (SPMP,SRS)
- 2nd deliverable (SDD,STD)
- 3rd deliverable (Implementation)

1.2 Project Organization

This section contains software process model which will used throughout this project, roles and responsibilities of stakeholders and tools and techniques to develop the product.

1.2.1 Software Process Model

In this project waterfall model will be used because my

- Requirements are clear.
- Product definition is stable.
- No ambiguous requirements.
- Very simple to implement.

In a waterfall model, each phase must be completed before the next phase can begin and there is no overlapping in the phases. Phases are processed and completed one at a time. I had no need to revise the previous phase, that’s why I’m using waterfall model. As it fulfill my product reuirements.

1.2.2 Roles and Responsibilities

I'm doing this project alone so all responsibilities are on me regarding this project.

1.2.3 Tools and Techniques

These tools and techniques are used for developing the product:

- Editor atom
- Xampp3.1.5
- Web Browser
- Bootstrap
- Core PHP
- MySql
- Smarty
- Bootstrap

1.3 Assignments

- Discuss the project proposal with the supervisor.
- Discuss the directions of competing the required feature.
- Show first product overview to the supervisor.
- Literature reviewed about the document making.
- Reconsidering changes made a new software requirement specification introduction part.
- Finalize the SPMP document.

1.3.1 Time Table

This section describes the time table of project as how the project tasks would be accomplish.

- **Documentation schedule and time table:**

	Name	Duration	Start	Finish	Predecesso...
1	**Pakistani Video Entertainment Portal**	66 days?	**2/27/17 8:00 AM**	**5/29/17 5:00 PM**	
2	Understand Problem	1 day?	2/27/17 8:00 AM	2/27/17 5:00 PM	
3	Making of SPMP Doucment	6 days?	2/28/17 8:00 AM	3/7/17 5:00 PM	2
4	**Analysis Phase**	30 days?	**3/8/17 8:00 AM**	**4/18/17 5:00 PM**	
5	Gather Requirements	2 days?	3/8/17 8:00 AM	3/9/17 5:00 PM	
6	Refine Requirements	2 days?	3/10/17 8:00 AM	3/13/17 5:00 PM	5
7	Making of Document V1	1 day?	**3/15/17 8:00 AM**	**4/18/17 5:00 PM**	5;6
8	**Identify Specific Requirements**	25 days?	**3/15/17 8:00 AM**	**3/16/17 5:00 PM**	
9	**External Interface Requirements**	2 days?	3/15/17 8:00 AM	3/15/17 5:00 PM	
10	User Interface	1 day?	3/15/17 8:00 AM	3/15/17 5:00 PM	
11	Hardware Interface	1 day?	3/15/17 8:00 AM	3/15/17 5:00 PM	
12	Software Interface	1 day?	3/15/17 8:00 AM	3/15/17 5:00 PM	
13	Communication Protocols	1 day?	3/16/17 8:00 AM	3/16/17 5:00 PM	
14	Making of Document V2	1 day?	**3/15/17 8:00 AM**	**3/30/17 5:00 PM**	7;10;11;12;13
15	**Software Product Features**	12 days?	3/15/17 8:00 AM	3/16/17 5:00 PM	
16	Identiy Use Cases	2 days?	3/17/17 8:00 AM	3/28/17 5:00 PM	
17	Refine Use Cases	8 days?	3/29/17 8:00 AM	3/30/17 5:00 PM	16
18	Making of Document V3	2 days?	**3/30/17 8:00 AM**	**4/4/17 5:00 PM**	14;16
19	**Software System Functions**	4 days?	3/30/17 8:00 AM	3/31/17 5:00 PM	
20	Identify System Functions	2 days?	4/3/17 8:00 AM	4/3/17 5:00 PM	
21	Refine System Functions	1 day?	4/4/17 8:00 AM	4/4/17 5:00 PM	20
22	Making of Document V4	1 day?	**4/5/17 8:00 AM**	**4/6/17 5:00 PM**	20;21;18
23	**Identify Software System Attributes**	2 days?	4/5/17 8:00 AM	4/5/17 5:00 PM	
24	Reliability	1 day?	4/5/17 8:00 AM	4/5/17 5:00 PM	
25	Availability	1 day?	4/5/17 8:00 AM	4/5/17 5:00 PM	
26	Security	1 day?	4/5/17 8:00 AM	4/5/17 5:00 PM	
27	Maintainability	1 day?	4/5/17 8:00 AM	4/5/17 5:00 PM	
28	Portability	1 day?	4/5/17 8:00 AM	4/5/17 5:00 PM	
29	Making of Document V5	1 day?	4/6/17 8:00 AM	4/6/17 5:00 PM	22;24;25;26...
30	**Database Requirements**	2 days?	**4/7/17 8:00 AM**	**4/10/17 5:00 PM**	
31	Identify Database Requirements	1 day?	4/7/17 8:00 AM	4/7/17 5:00 PM	
32	Making of Document V6	1 day?	4/10/17 8:00 AM	4/10/17 5:00 PM	29;31
33	**Making of Final SRS Document**	6 days?	**4/11/17 8:00 AM**	**4/18/17 5:00 PM**	
34	Refining SRS Document	6 days?	4/11/17 8:00 AM	4/18/17 5:00 PM	32
35	**Design Phase**	29 days?	**4/19/17 8:00 AM**	**5/29/17 5:00 PM**	
36	**Develop Design**	13 days?	**4/19/17 8:00 AM**	**5/5/17 5:00 PM**	
37	Develop Architectural Design	2 days?	4/19/17 8:00 AM	4/20/17 5:00 PM	
38	Review Architectural Design	2 days?	4/21/17 8:00 AM	4/24/17 5:00 PM	37
39	Develop Interface Design	2 days?	4/25/17 8:00 AM	4/26/17 5:00 PM	
40	Review Interface Design	2 days?	4/27/17 8:00 AM	4/28/17 5:00 PM	39
41	Create Sequence Diagram	2 days?	5/1/17 8:00 AM	5/2/17 5:00 PM	
42	Create Design Class Diagram	3 days?	5/3/17 8:00 AM	5/5/17 5:00 PM	
43	**Develop Algorithms**	11 days?	**5/8/17 8:00 AM**	**5/22/17 5:00 PM**	
44	Draw Flow Chart	2 days?	5/8/17 8:00 AM	5/9/17 5:00 PM	
45	Write Pseudo Code	3 days?	5/10/17 8:00 AM	5/12/17 5:00 PM	44
46	Review Pseudo Code	2 days?	5/15/17 8:00 AM	5/16/17 5:00 PM	45
47	Draw Decision Table	2 days?	5/17/17 8:00 AM	5/18/17 5:00 PM	
48	Review Decision Table	2 days?	5/19/17 8:00 AM	5/22/17 5:00 PM	47
49	**Evaluate Design**	5 days?	**5/23/17 8:00 AM**	**5/29/17 5:00 PM**	
50	Validate Design	2 days?	5/23/17 8:00 AM	5/24/17 5:00 PM	
51	Verify Design	2 days?	5/25/17 8:00 AM	5/26/17 5:00 PM	
52	Review & Refine Design	1 day?	5/29/17 8:00 AM	5/29/17 5:00 PM	
53	Finalize Documentation	1 day?	2/27/17 8:00 AM	2/27/17 5:00 PM	

Figure_1. 1 Time Table

1.3.2 Gantt chart

Gantt chart is graphical description of a project schedule. Gantt chart is a type of bar chart that shows the start and finish dates of several elements of project that includes resources, milestones, tasks and dependencies [5].

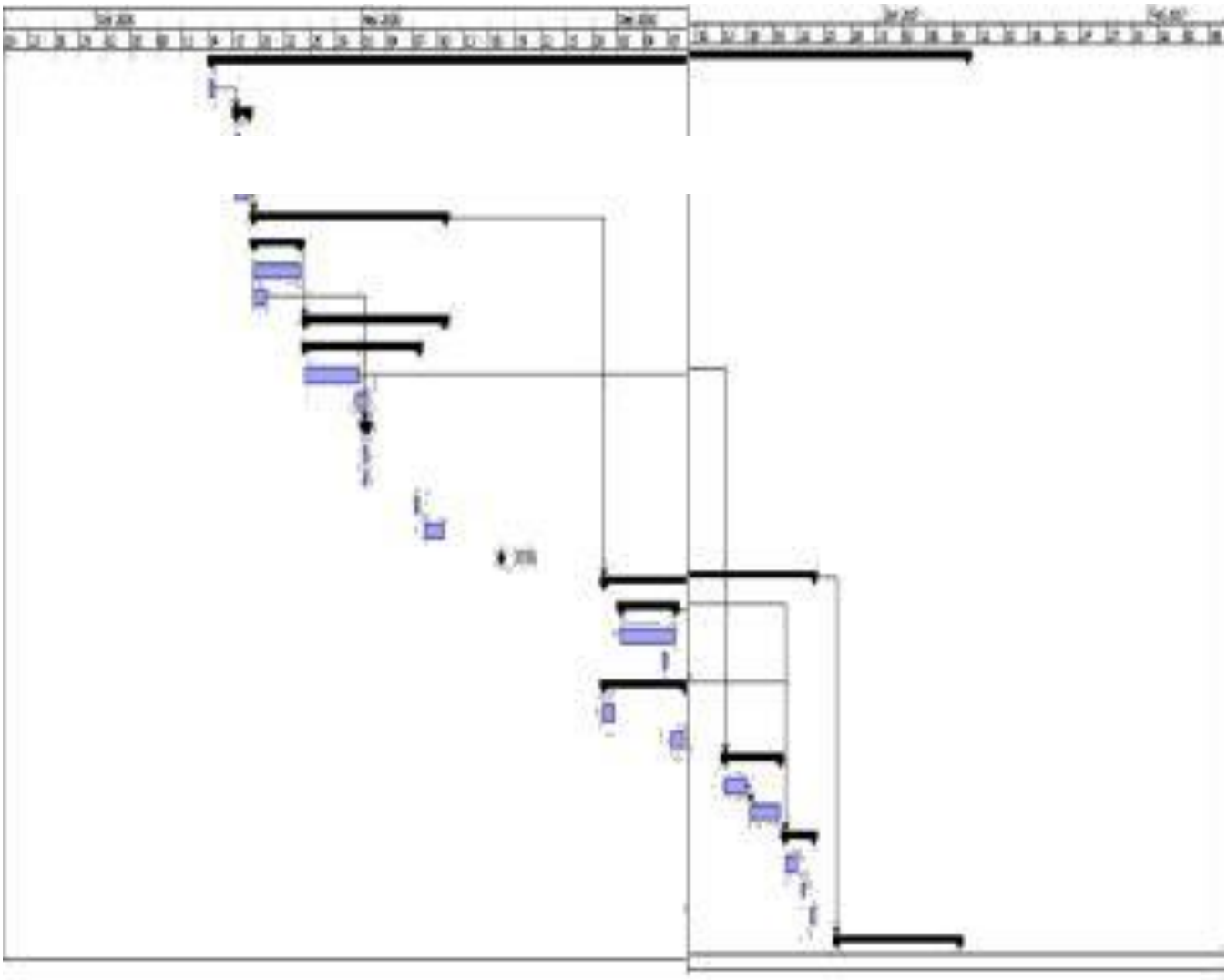

Figure_1. 2Gantt chart

Chapter 2

Software Requirement Specification

2.1 Introduction

The video portal will provide a platform to users on which they will be able to watch and search for their favorite classical videos. The website provides the interface on which users will easily search. Users will be able to search their favorite video by the name, by year of broadcast, by actor's name, by category of the video (tele-film, drama, movie, TV-show and songs) and also by the genre of the video. The website will have the functionality in which registered users can give suggestions, manage their profile, and give reviews on the videos.

2.1.1 Product Overview

"Pakistani videos entertainment portal" is an information system provides archiving of Pakistani classic old videos in different categories: dramas, telefilms, movies, songs, comedy and TV shows. Basic search facilities include search by year, actor, producer, director, writer, singer, drama name or movie name. These search facilities will be given as tags in each video files. Click on each tag will open a list of corresponding videos. There will be Pakistani classical old videos from the past to connect and show the past to our younger generation that will surely help in preserving our culture.

2.1.2 Product Purpose

The purpose of Pakistani video entertainment portal is to design a complete entertainment portal in which users will be able to watch TV shows, movies, dramas and songs. It will be complete entertainment platform that allows users to watch Pakistani entertainment content whenever, they want to watch it and can also give feedback about the portal.

2.1.3 Product Motivation

Pakistan is very rich in culture. Our dramas and films have preserved our heritage and culture greatly. It shows very clearly in our classical dramas and films. Unfortunately, now a days Indian dramas and films have great impact on our youth. It influence badly. Pakistani video entertainment portal motivates me to preserve our heritage and culture. Through which our youth will surely connect with our past. It will help our old age people to refresh their memories by watching great dramas, films, telefilms, songs, TV shows and iconic and legend actors very easily. There are a lot of entertainment portals

where we can find old videos but there is no particular. So, Pakistani video entertainment portal facilitates users to search and watch their desired stuff from past.

The motivation behind this system is to provide the audience fully functional environment in which they can entertain themselves by providing them all the famous classical videos of Pakistan on one platform.

2.1.4 Scope

- Pakistani entertainment portal has three types of users
  - Administrator
  - User(registered user)
  - Visitor(non-registered user)
- Administrator can manage videos. He can upload, update, verify, and delete the videos.
- Administrator can manage users. He can add, delete and block the user.
- Administrator and users can subscribe each other.
- Users can manage their profile and can make their own playlists.
- Users can view, update, suggest, like, dislike, comment and share the video.
- Users have facility to search the required video by tags. Click on each tag will open a list of corresponding videos.
- Visitors can view, like and dislike the video.

2.2 Functional Requirements

P1 = High priority process

P2 = Medium priority process

P3 = Low priority process

Req. No.	**Requirements**	**Priority**
Req-01	Users can register themselves by signing up and can create their account.	P1
Req-02	Users can login.	P1
Req-03	Only admin can upload the video and approve videos.	P1
Req-04	Only registered users can suggest videos.	P2
Req-05	Admin can update and can delete video.	P2
Req-06	All users can view, like, dislike and share the video.	P1
Req-07	Users can comment the video.	P2
Req-08	Only registered users can like, dislike and spam the comments.	P2
Req-09	Users can report the video.	P2
Req-10	Admin can block the user.	P2

Req-11	Only registered users can subscribe and unsubscribe other users.	P3
Req-12	Registered users can create and update their playlists.	P3
Req-13	Tags are provided with each video for easy searching.	P1
Req-14	Users can search video by actor's name, director's name, writer's name, by year.	P1

2.3 Non-Functional Requirements

2.3.1 Reliability

- The system shall never crash or hang, other than as the result of an operating system error. The system will 90% reliable. The system shall provide graceful degradation in the face of network delays and failures.

2.3.2 Availability

- Database should be connected to the system 24 hours.
- Internet should also be available 24 hours, user will have adequate internet connection could affect the speed with which the interface communicates with the database.

2.3.3 Security

- Access to the various subsystems will be protected by a user authentication (log in screen) that requires an email and password.
- Password is encrypted using md5 hashing technique.
- System have different types of users and every user has access constraints.

2.3.4 Maintainability

- The system code should be written to allow for future possible upgrades. Code should be documented, including version updates and authors. Code should be fully commented. Each method will include a description of its functionality and any additional information needed to help in future additions.

2.3.5 Portability

- It is a web portal and it will be developed in PHP language so it should operate in all famous browsers that includes Firefox, Google Chrome and Internet Explorer.

2.3.6 Performance

- The tool just need to run on internet without any bugs or errors. Performance requirements define acceptable response times for system functionality.

- The load time for user interface screens shall take no longer than five seconds.
- The verification of log in information should not take more than five seconds.
- Queries return results should not take more than five seconds.
- User's interfaces should update quickly.
- MySQL database needs to have the capacity to grow.

2.4 Specific Requirements

This section contains all requirements of the system. It gives a detailed description of the system and all its features.

2.4.1 External Interface Requirements

This section cover the details of external interface requirements.

2.4.1.1 User Interfaces

Pakistani video entertainment portal has a friendly user interface. Users can use this portal without any difficulties. The background will be light in color with dark colored font to enhance the contrast and visibility

2.4.1.2 Hardware Interfaces

PC will be used as it is web based application.

2.4.1.3 Software Interfaces

The portal use windows operating system and a web browser.

2.4.2 Software Product Features

Portal has many features. Each user panel has its own features. Some features are provide for every kind of user but some features are provide for only particular type of user and only these users have access to these features.

Portal has the following features:

- **Administrator Panel:**

Admin panel has following features to access

- Login
- Logout
- Register
- Upload video by PC
- Upload video by URL
- Edit video
- Delete video

- View video
- Approve video
- Search video
- Like video
- Dislike video
- Comment on video
- Like comment
- Dislike comment
- Spam comment
- Edit profile
- Block the user
- Subscribe user
- Unsubscribe user
- Create playlist
- Add videos in playlist

➢ **Registered user**

Registered user panel has following features to access

- Login
- Logout
- Register
- Suggest video by PC
- Suggest video by URL
- Edit video
- View video
- Edit profile
- Search video
- Like video
- Dislike video
- Comment on video
- Like comment
- Dislike comment
- Spam comment
- Subscribe user
- Unsubscribe user
- Create playlist
- Update playlist
- Report video

- **Visitor**

  Visitor panel has following features to access

  - View video
  - Search video
  - Like video
  - Dislike video
  - Comment video
  - Report video

2.5 Use Case Diagram

A use case is a methodology used in system analysis to identify, clarify, and organize system requirements [1].

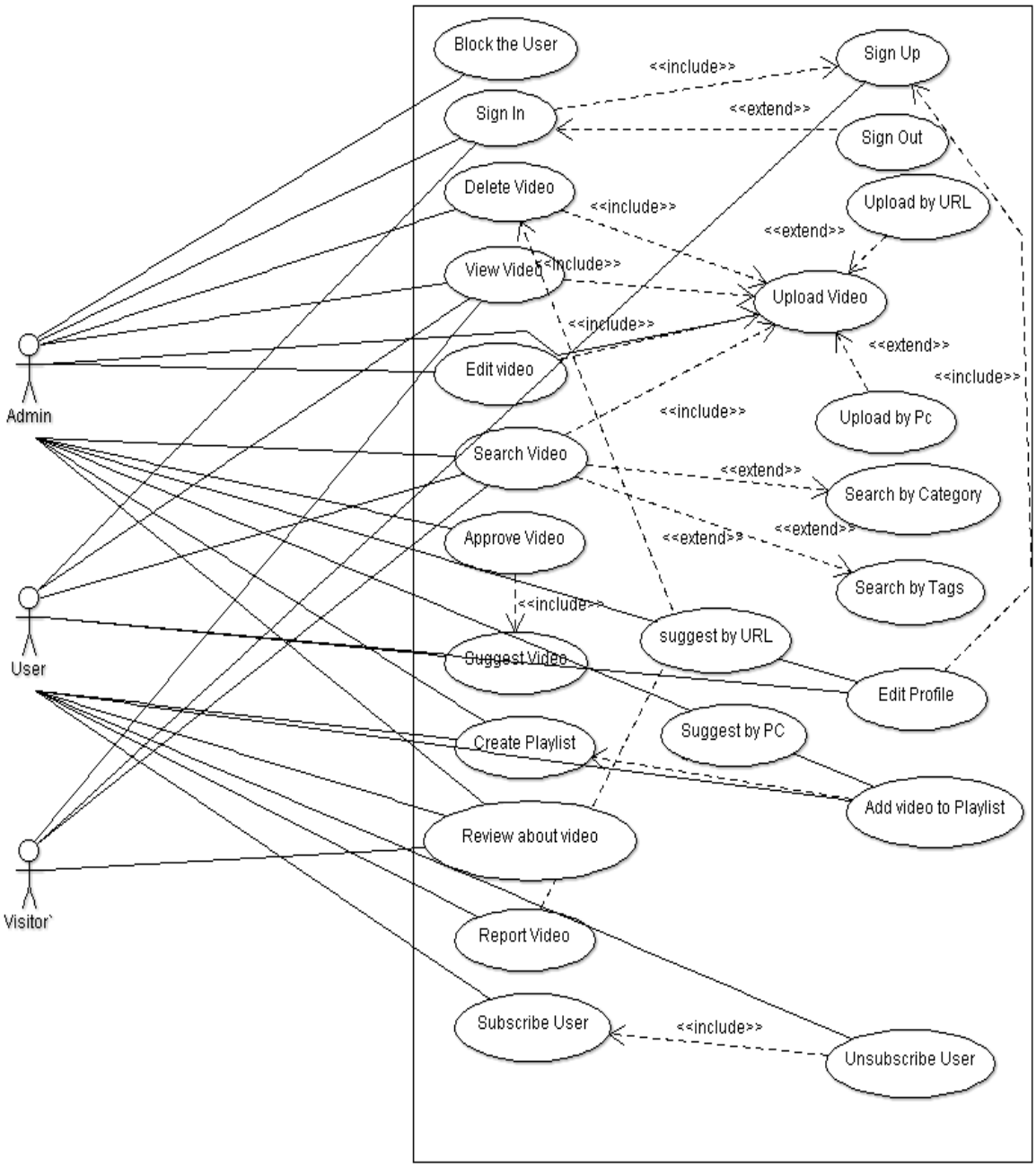

Figure_2. 1UCD

2.6 Use Case Description

Use cases can be employed during several stages of software development, such as planning system requirements, validating design, testing software, and creating an outline for online help and user manuals.

There are some use cases of this website which helps in developing it. The full description of use cases are given below:

UC-1: Register user

This is the scenario of registration of the user where user register his/her and hence their account is created.

Table_2. 1 UC for Register User

UC-1: Register user	
Primary actor	Admin and User
Goal in context	User will be able to register
Pre-condition	User must have email id.
Post-condition	User has been sign up successfully.
Success Scenarios	1) User selects “Register”. 2) User enters name. 3) User enters email. 4) User enters gender. 5) User enters password. 6) User selects “Submit”.
Alternate flows	1) Password length is too short.
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-2: Edit Profile

This is the scenario of the user where he/she can edit their profile.

Table_2. 2 UC for Edit Profile

UC-2: Edit profile	
Primary actor	Admin and User
Goal in context	User will be able to edit profile.
Pre-condition	User must have registered first.
Post-condition	Profile has been updated successfully.
Success Scenarios	1) User edits profile.

	2) User edits name. 3) User edits email. 4) User edits gender. 5) User enters old password. 6) User presses “save changes”.
Alternate flows	1) Password length is too short.
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-: Login

This is the scenario of login where user can login in to account. User enters the login credentials such as email and password. After it user press login button and if the credentials are credentials are correct then home screen will appear. Every user has its own home screen regarding to his/her position.

Table_2. 3UC for Login

UC-3: Login	
Primary actor	Admin and User
Goal in context	User will be able to sign up.
Pre-condition	User must have email id.
Post-condition	User has been sign up successfully.
Success Scenarios	1) User selects “Settings”. 2) A drop down menu opens. 3) User selects on “Sign in”. 4) User enters email address. 5) User enters password. 6) User clicks “Sign in” button to continue.
Alternate flows	1) Password length is too short.
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-4: Logout

This is the scenario of logout where user can logout from his/her account. User press logout button and if the session expires successfully then login screen will appear. And if the sever is down then the user will not able to logout from his/her account until server works properly. In order to login again user must have to enter his/her credentials. And if these credentials are correct then user will be able to login again.

Table_2. 4 UC for Logout

UC-4: Logout	
Primary actor	Admin and User
Goal in context	User will be able to sign out his account.
Pre-condition	User must be signed in.
Post-condition	User has been sign out his account successfully.
Success Scenarios	1) User selects “Settings” button. 2) A drop down menu opens. 3) User selects “Logout”.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-5: View Videos

This is the scenario of view videos where user can view the desired videos.

Table_2. 5 UC for View Videos

UC-5: View Videos	
Primary actor	Admin, User and Visitor
Goal in context	User will be able to view videos
Pre-condition	Video must be uploaded on system.
Post-condition	Video displayed on screen.
Success Scenarios	1) User selects desired video
Alternate flows	Desired video does not play.
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-6: Upload Video by URL

This is the scenario of uploading videos by URL. User enters URL of the video and then adds related categories and tags to it.

Table_2. 6 UC for Upload Video by URL

UC-6: Upload Video by URL	
Primary actor	Admin
Goal in context	User will be able to upload video by URL.
Pre-condition	User must be signed in first.

Post-condition	Video is uploaded to the system successfully
Success Scenarios	1) Actor selects “Upload” button. 2) Enters URL. 3) User enters details of video 4) User clicks “Upload”.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-7: Upload Video from Device

This is the scenario of uploading videos from the device. User selects video from the device and then adds related categories and tags to it.

Table_2. 7 UC for Upload Video from Device

UC-7: Upload Video from Device	
Primary actor	Admin
Goal in context	User will be able to upload video from device
Pre-condition	User must be signed in first.
Post-condition	Video is uploaded successfully
Success Scenarios	1) Actor selects “Upload” button. 2) Selects video from device 3) User enters details of video 4) User clicks “Upload”.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-8: Suggest Video from URL

This is the scenario of suggesting videos by URL. User enters URL of the video and then adds related categories and tags to it, then suggests.

Table_2. 8 UC for Suggest Video from URL

UC-8: Suggest video from URL	
Primary actor	User
Goal in context	User will be able to suggest video by URL.
Pre-condition	User must be signed in first.
Post-condition	Video is suggested to the admin successfully

Success Scenarios	1) Actor selects “Upload” button. 2) Enters URL. 3) User enters details of video 4) User clicks “Upload”.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-9: Suggest Video from Device

This is the scenario of suggesting videos from the device. User selects video from the device and then adds related categories and tags to it, then suggests.

Table_2. 9 UC for Suggest Video from Device

UC-9: Suggest Video from Device	
Primary actor	User
Goal in context	User will be able to suggest video from device
Pre-condition	User must be signed in first.
Post-condition	Video is uploaded successfully
Success Scenarios	1) Actor selects “Upload” button. 2) Selects video from device 3) User enters details of video 4) User clicks “Upload”.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-10: Create Playlist

This is the scenario of creating playlist.

Table_2. 10 UC for Create Playlist

UC-10: Create Playlist	
Primary actor	Admin and User
Goal in context	User will be able to create playlist
Pre-condition	User must be signed in first.
Post-condition	Playlist has been created successfully.
Success Scenarios	1) Actor selects “create playlist”. 2) Enter name of playlist.

	3) User clicks “Save”.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-11: Add Videos in Playlist

This is the scenario of adding videos to the playlist, for this first user has to create playlist.

Table_2. 11 UC for Add Video in Playlist

UC-11: Add Videos in Playlist	
Primary actor	Admin and User
Goal in context	User will be able to add songs in playlist
Pre-condition	User must be signed in first and playlist is created already.
Post-condition	Video has been added to playlist successfully.
Success Scenarios	1) Actor selects video. 2) Press “add to” button. 3) Actor selects playlist. 4) User clicks “Save”.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-12: Edit Video

This is the scenario of editing video that means the information about the video.

Table_2. 12 UC for Edit Profile

UC-12: Edit Video	
Primary actor	Admin and User
Goal in context	Admin will be able to update video
Pre-condition	Admin must be signed in first.
Post-condition	Video is updated to the system successfully
Success Scenarios	1) Admin selects “Settings”. 2) A drop down menu opens. 3) Admin selects on “Update”. 4) Admin update details of video 5) Admin clicks “Save”.

Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-13: Approve Video

This is the scenario of approving video. Admin approves the video that user has suggested.

Table_2. 13 UC for Approve Video

UC-13: Approve Video	
Primary actor	Admin
Goal in context	Admin will be able to approve video
Pre-condition	Admin must be signed in first.
Post-condition	Video is updated to the system successfully
Success Scenarios	1) Admin selects “Settings”. 2) A drop down menu opens. 3) Admin selects on “Recommendations”. 4) Admin verify details of video. 5) Admin clicks “Save”. 6) Admin clicks “Upload”.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-14: Delete Video

This is the scenario of delete video. Admin deletes the reported video if he/she finds it inappropriate.

Table_2. 14 UC for Delete Video

UC-14: Delete Video	
Primary actor	Admin
Goal in context	Admin will be able to delete video
Pre-condition	Admin must be signed in first.
Post-condition	Video is deleted from the system successfully
Success Scenarios	1) Admin selects “Settings”. 2) A drop down menu opens. 3) Admin selects on video to delete.

	4) Admin clicks “Delete”.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-15: Comment on Video

This is the scenario of comment on video. Users can comment on video which they have watched.

Table_2. 15 UC for Comment on Video

UC-15: Comment on Video	
Primary actor	Admin, user and visitor.
Goal in context	Actor will be able to write comment on video.
Pre-condition	Actor have seen the video.
Post-condition	Actor has written comment successfully
Success Scenarios	1) User views video. 2) User selects text field for comments. 3) User writes comment. 4) User clicks “Comment”.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-16: Like Video

This is the scenario of like video. Users can like video which they have watched.

Table_2. 16 UC for Like Video

UC-16: Like Video	
Primary actor	Admin, user and visitor
Goal in context	Actors will be able to like video
Pre-condition	User views video.
Post-condition	Video is added in “liked videos” of admin and user successfully.
Success Scenarios	1) User views video. 2) User likes video.
Alternate flows	None
Frequency	Many times a day.

Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-17: Dislike Video

This is the scenario of dislike video. Users can dislike video which they don't like.

Table_2. 17 UC for Dislike Video

UC-17: Dislike Video	
Primary actor	Admin, user and visitor
Goal in context	Actors will be able to dislike video
Pre-condition	User views video.
Post-condition	The notification is sent to the uploader.
Success Scenarios	1) User views video. 2) User dislikes video.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-18: Like Comment

This is the scenario of like comment. Users can like comments of other users.

Table_2. 18 UC for Like Comment

UC-18: Like Comment	
Primary actor	Admin and user
Goal in context	Actors will be able to like comments.
Pre-condition	Actor views video. Actor must login.
Post-condition	Notification is sent to the author of comment.
Success Scenarios	1) Actor views video. 2) Actor views comment. 3) Actor likes comment.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-19: Dislike comment

This is the scenario of dislike comment. Users can dislike comments of the other users which they don't like.

Table_2. 19 UC for Dislike Comment

UC-19: Dislike comment	
Primary actor	Admin and user
Goal in context	Actors will be able to dislike comments.
Pre-condition	Actor views video. Actor must login.
Post-condition	Notification is sent to the author of comment.
Success Scenarios	1) Actor views video. 2) Actor views comment. 3) Actor dislikes comment.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-20: Spam Comment

This is the scenario of spam the comment. Users can spam the comment of other users which they find inappropriate.

Table_2. 20 UC for Spam Comment

UC-20: Spam Comment	
Primary actor	Admin and user
Goal in context	Actors will be able to spam comments.
Pre-condition	Actor views inappropriate comment. Actor must login.
Post-condition	Notification is sent to the admin.
Success Scenarios	1) Actor views video. 2) Actor views comment. 3) Actor clicks on spam button.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-21: Subscribe User

This is the scenario of subscribe the user. Users can subscribe other users which they like.

Table_2. 21 UC for Subscribe User

UC-21: Subscribe User	
Primary actor	Admin and User
Goal in context	User will be able to subscribe other users.
Pre-condition	User must be signed in first.
Post-condition	User has subscribed user successfully
Success Scenarios	1) User views other user's profile. 2) User presses "subscribe" button.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-22: Unsubscribe user

This is the scenario of unsubscribe the user. Users can unsubscribe the subscribed users which they don't like any more.

Table_2. 22 UC for Unsubscribe User

UC-22: Unsubscribe user	
Primary actor	Admin and User
Goal in context	User will be able to unsubscribe the subscribed users.
Pre-condition	User must be signed in first. User must be subscribed that user first.
Post-condition	User has unsubscribed the subscribed user successfully
Success Scenarios	1) User goes to other user's profile. 2) User presses "subscribed" button.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-23: Search Video

This is the scenario of search the video. Searching is made easy by giving tags. Clicking on each tag will show the related videos of that tag.

Table_2. 23 UC for Search Video

UC-23: Search Video	
Primary actor	Admin, User and Visitor
Goal in context	User will be able to search video by different tags.
Pre-condition	Videos must be stored in system by tags.
Post-condition	Searched video displayed on screen successfully.
Success Scenarios	1) User clicks on tag. 2) List appears.
Alternate flows	1) Password length is too short.
Frequency	None
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-24: Block the User

This is the scenario of block the user. Admin can block the user.

Table_2. 24 UC for Block the User

UC-24: Block the User	
Primary actor	Admin
Goal in context	Admin will be able to block the user.
Pre-condition	1) Admin must be signed in. 2) User used bad language in comments. 3) User recommended unethical video.
Post-condition	User has been blocked successfully.
Success Scenarios	1) Admin selects user. 2) User blocks the user.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

UC-25: Report the Video

This is the scenario of report the video. Users can report the video which they don't like and want admin to remove from the portal.

Table_2. 25 UC for Report the Video

UC-25: Report the Video	
Primary actor	User and visitor
Goal in context	User and visitors will be able to report the video.
Pre-condition	1) Video is inappropriate.
Post-condition	Video has been reported.
Success Scenarios	1) The notification of "reported video" has been sent to admin.
Alternate flows	None
Frequency	Many times a day.
Special Requirements	None
Technology	1) Mouse for input 2) Screen for display output

Chapter 3

Software Design Description

3.1 Introduction

The software design document tracks the necessary information required to effectively define architecture and system design Product Overview. This document is meant to equip the reader with a solid understanding of the inner workings of the portal.

3.2 System Sequence Diagrams

A system sequence diagram is a picture that shows, for a particular scenario of a use case, the events that external actors generate, their order, and inter-system events. All systems are treated as a black box; the emphasis of the diagram is events that cross the system boundary from actors to systems [3].

SSD for Login:

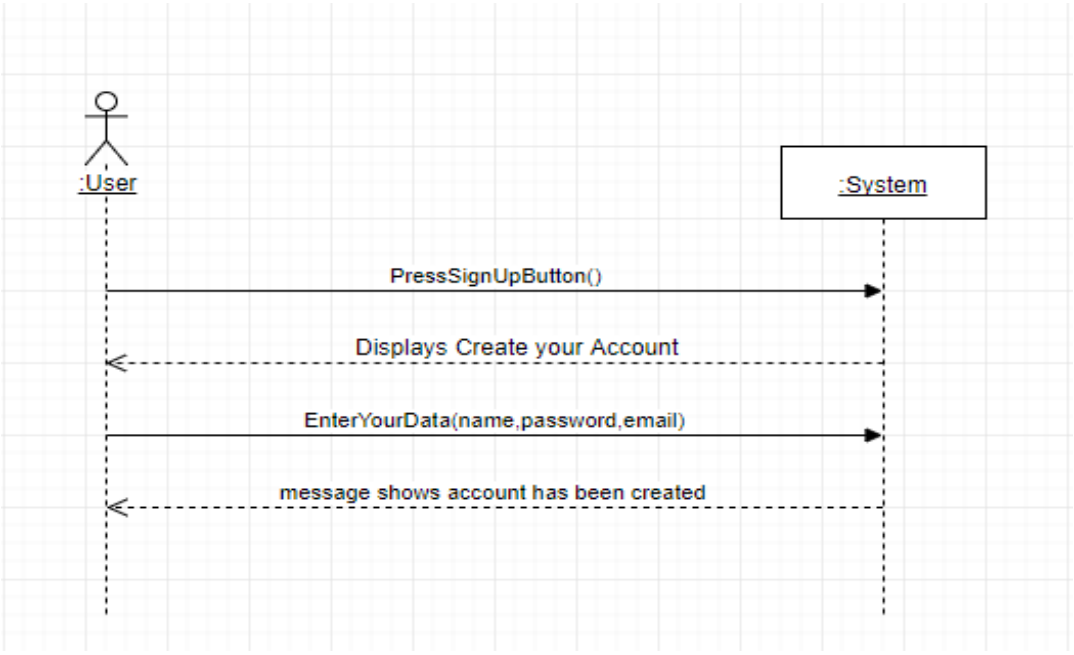

Figure_3. 1 SSD for Login

SSD for Logout:

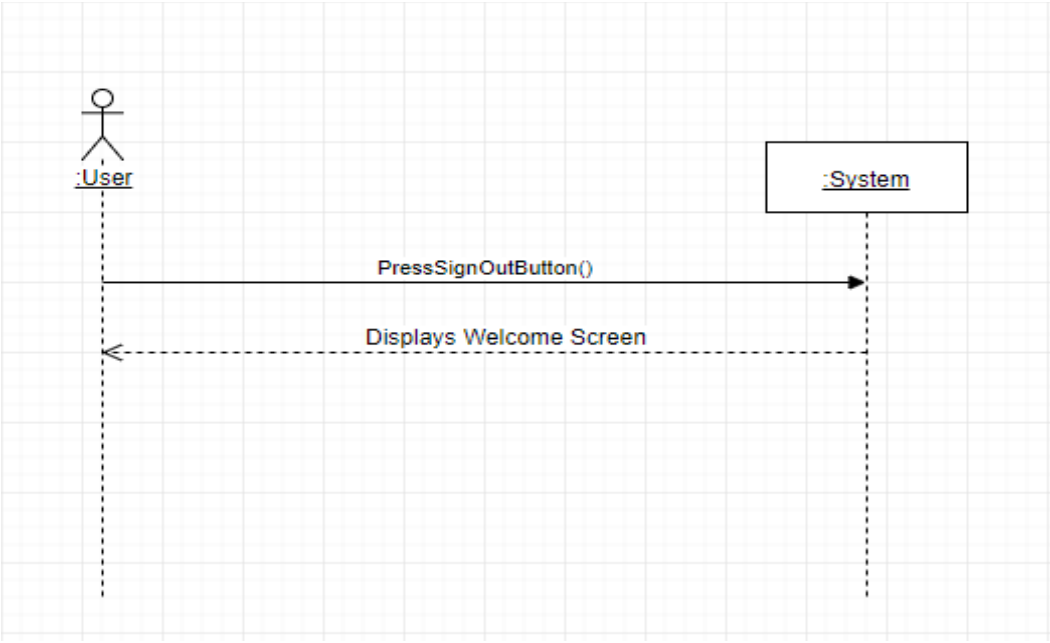

Figure_3. 2 SSD for Logout

SSD for Registration:

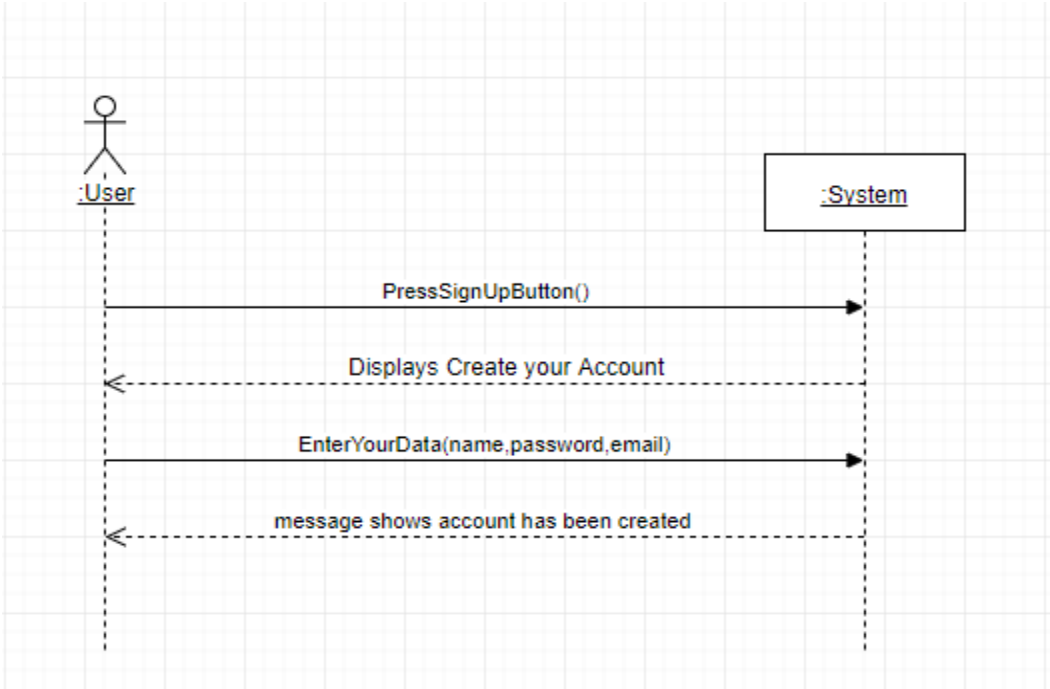

Figure_3. 3 SSD for Registration

SSD for Upload Video from URL:

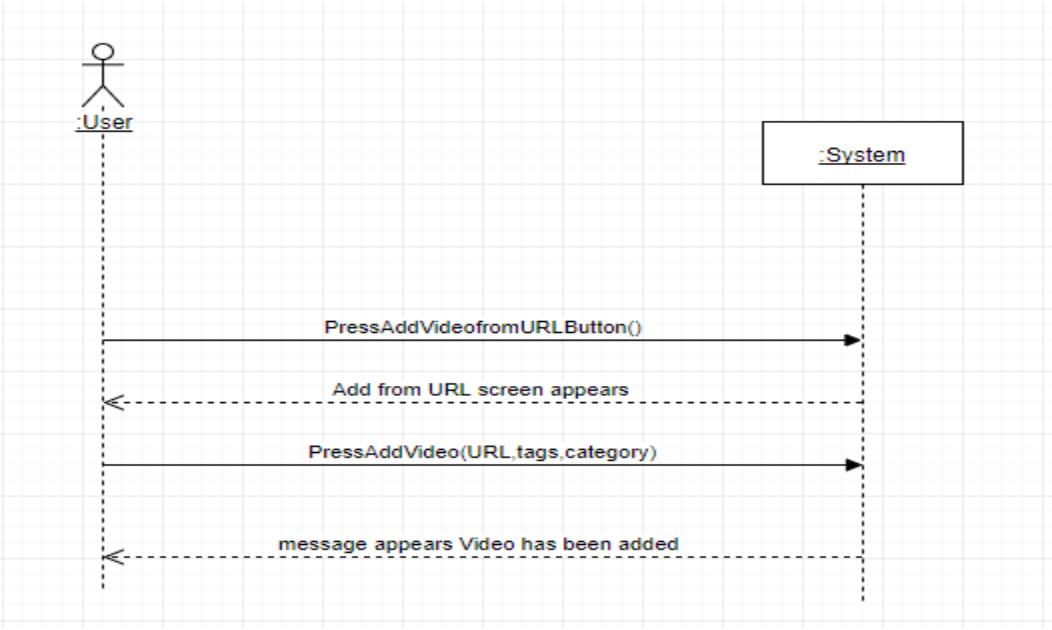

Figure_3. 4 SSD for Upload Video from URL

SSD for Upload Video from Device:

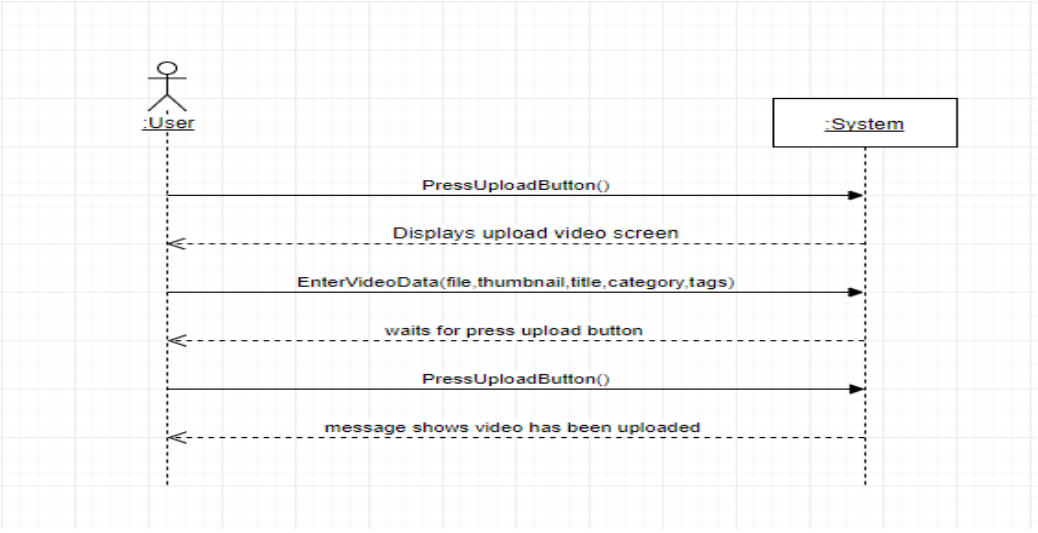

Figure_3. 5 SSD for Upload Video from Device

SSD for Create Playlist:

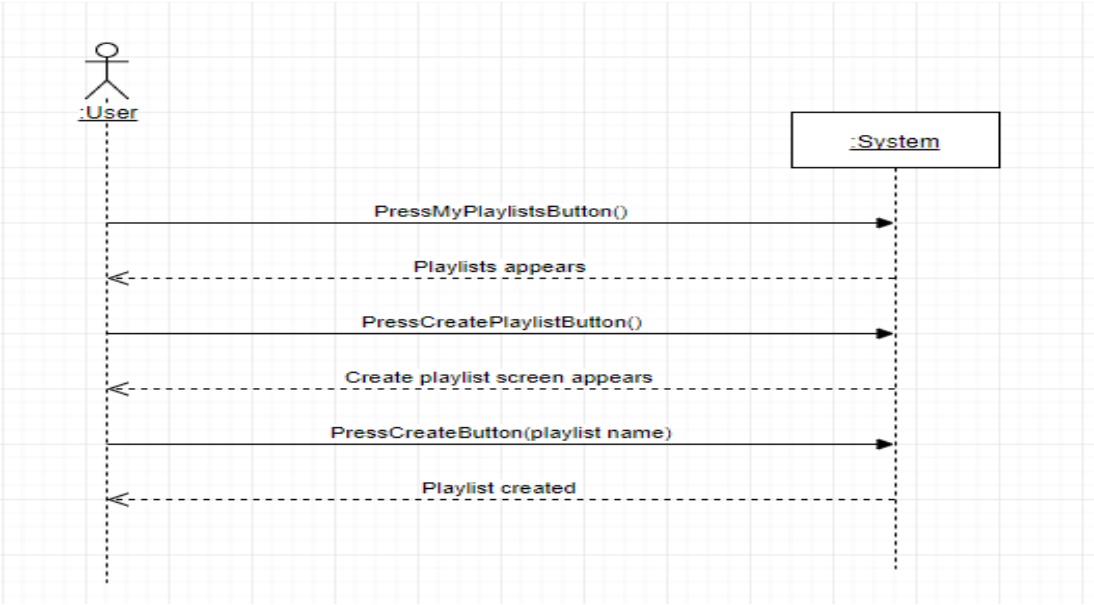

Figure_3. 6 SSD for Create Playlist

SSD for Add Video to Playlist:

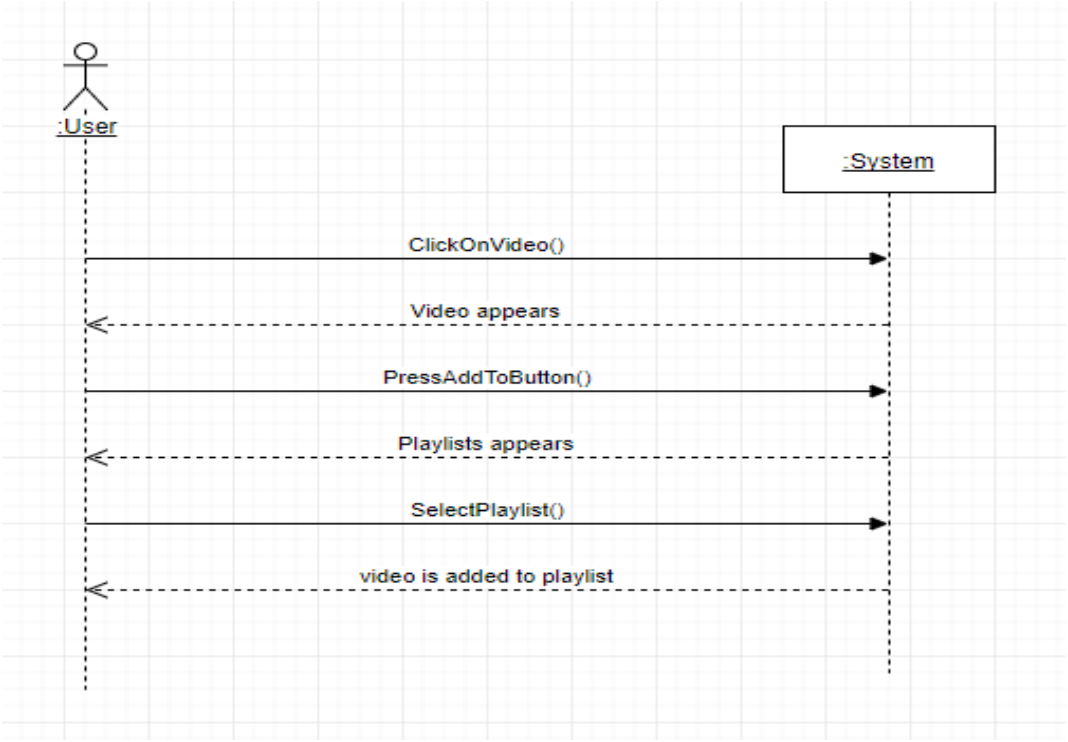

Figure_3. 7 SSD for Add Video to Playlist

SSD for View Video:

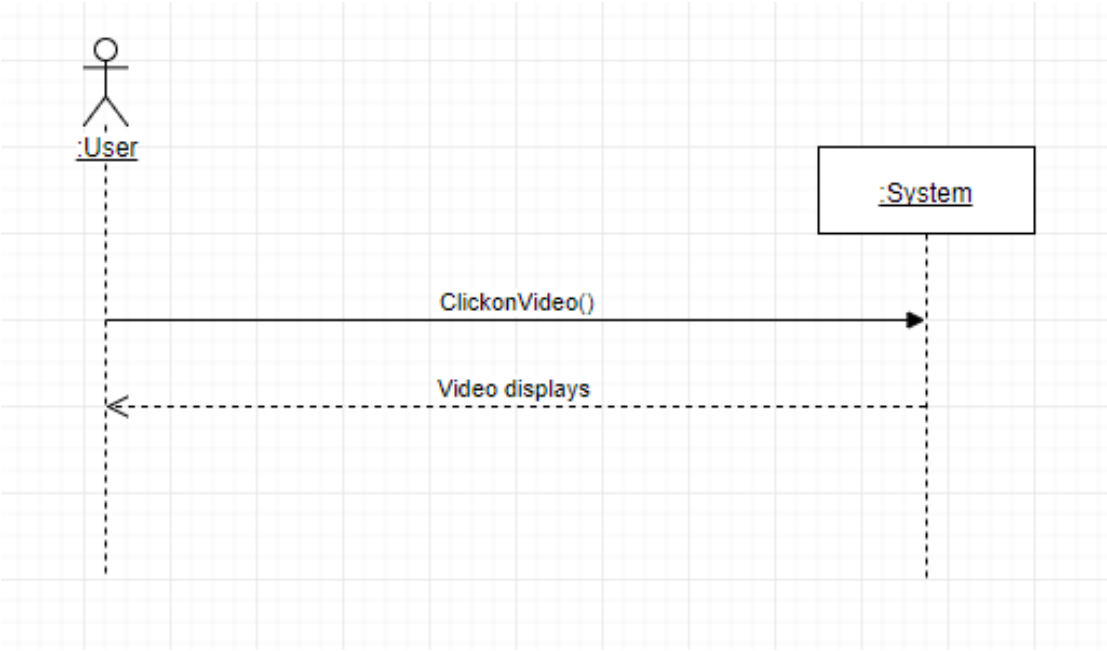

Figure_3. 8 SSD for View Video

SSD for Approve Video:

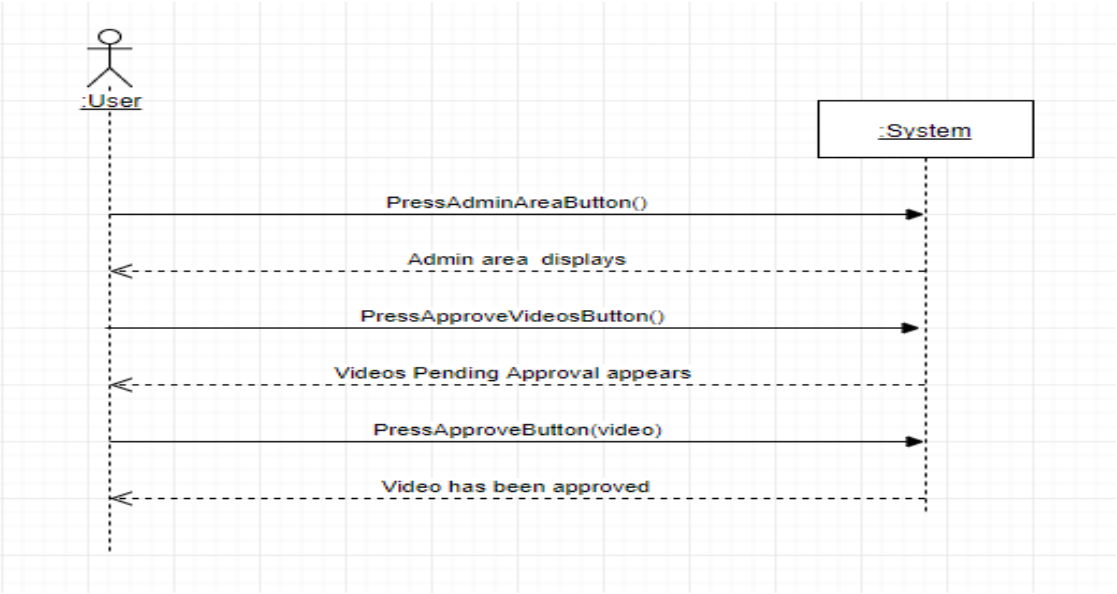

Figure_3. 9 SSD for Approve Video

SSD for Block User:

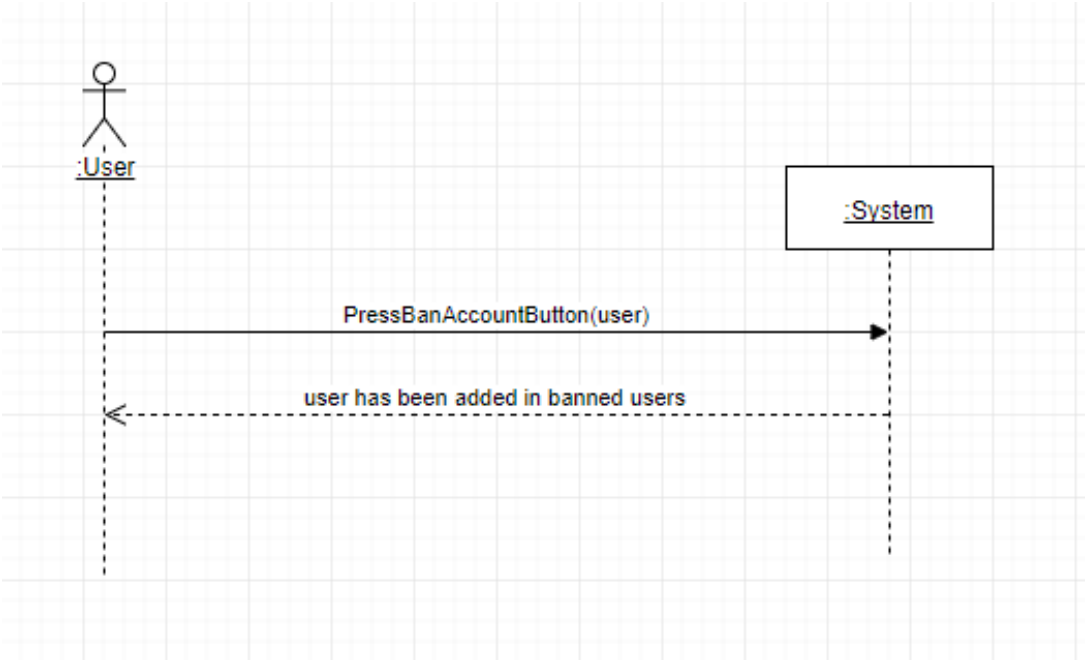

Figure_3. 10 SSD for Block User

SSD for Comment on Video:

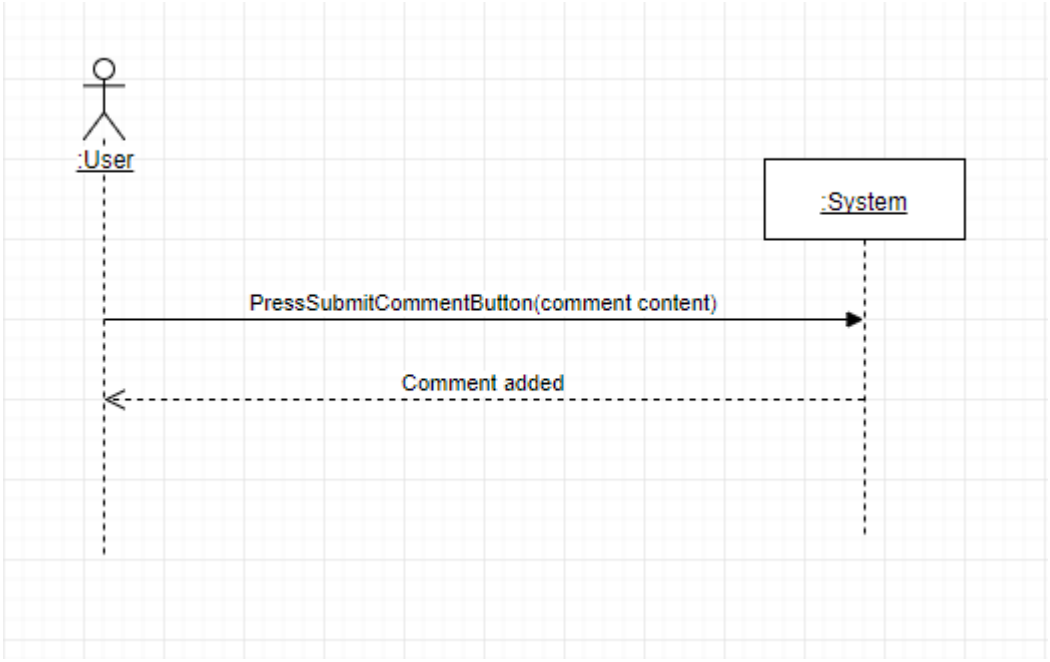

Figure_3. 11 SSD for Comment on Video

SSD for Like Video:

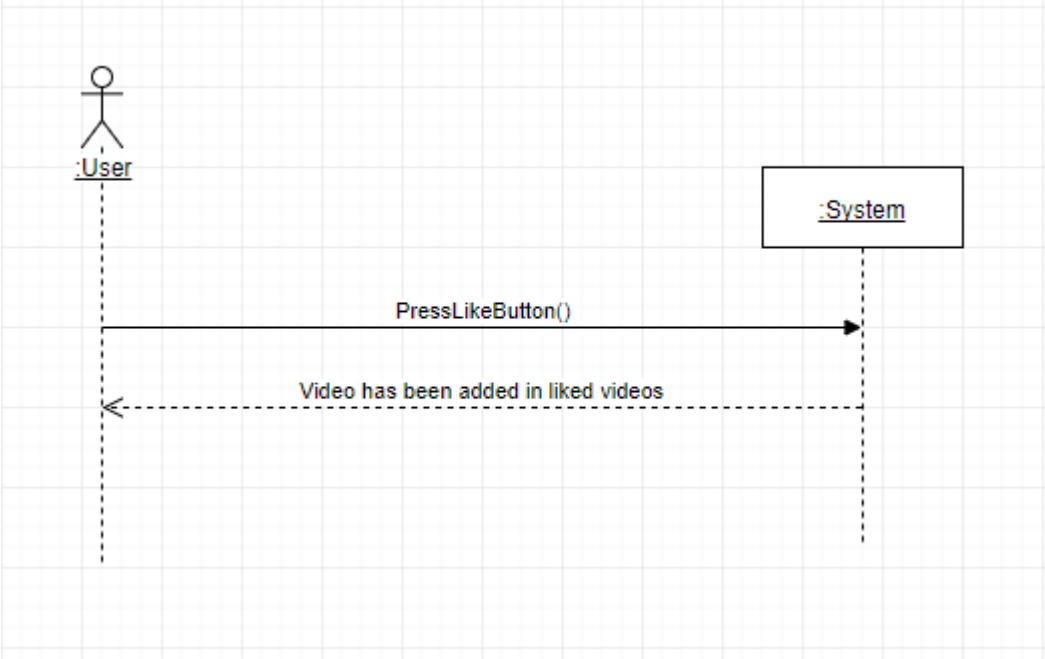

Figure_3. 12 SSD for Like Video

SSD for Dislike Video:

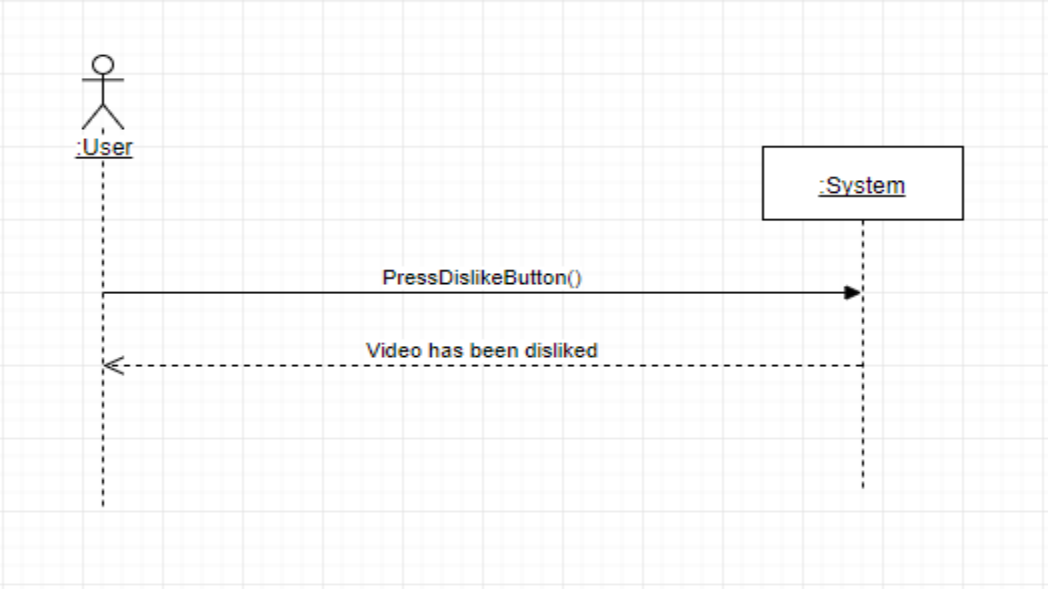

Figure_3. 13 SSD for Dislike Video

SSD for Like Comment:

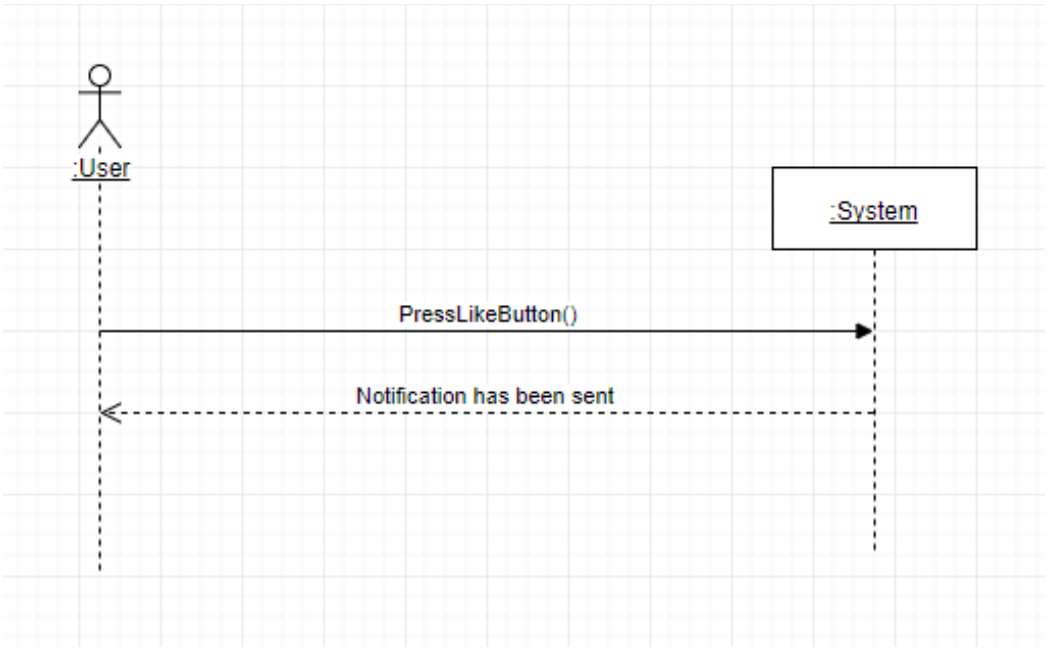

Figure_3. 14 SSD for Like Comment

SSD for Dislike Comment:

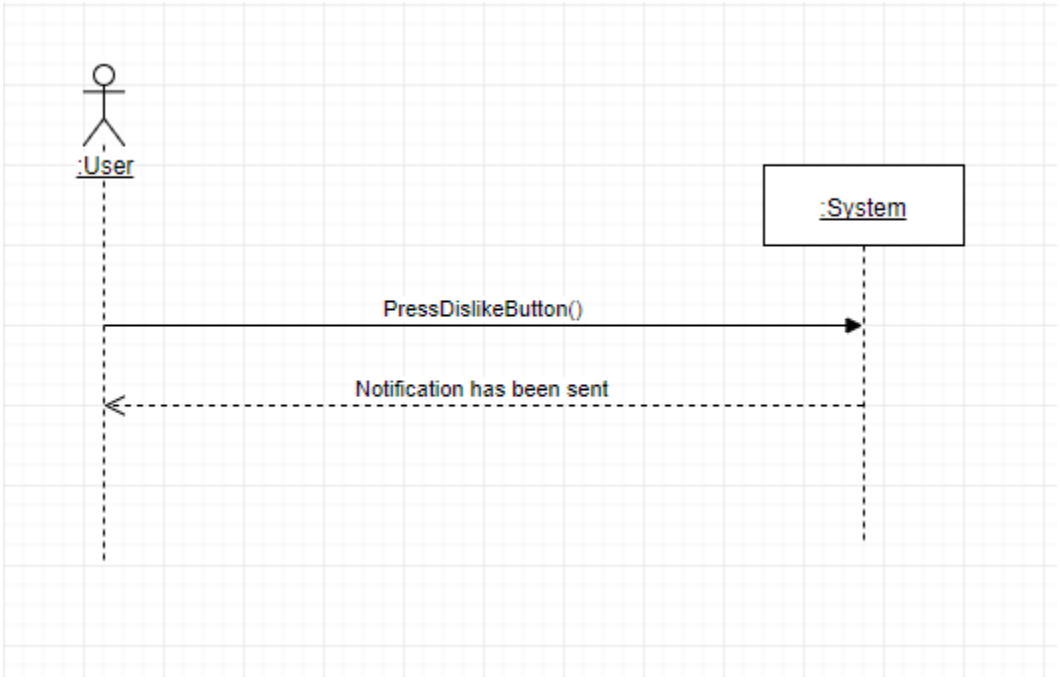

Figure_3. 15 SSD for Dislike Comment

SSD for Spam Comment:

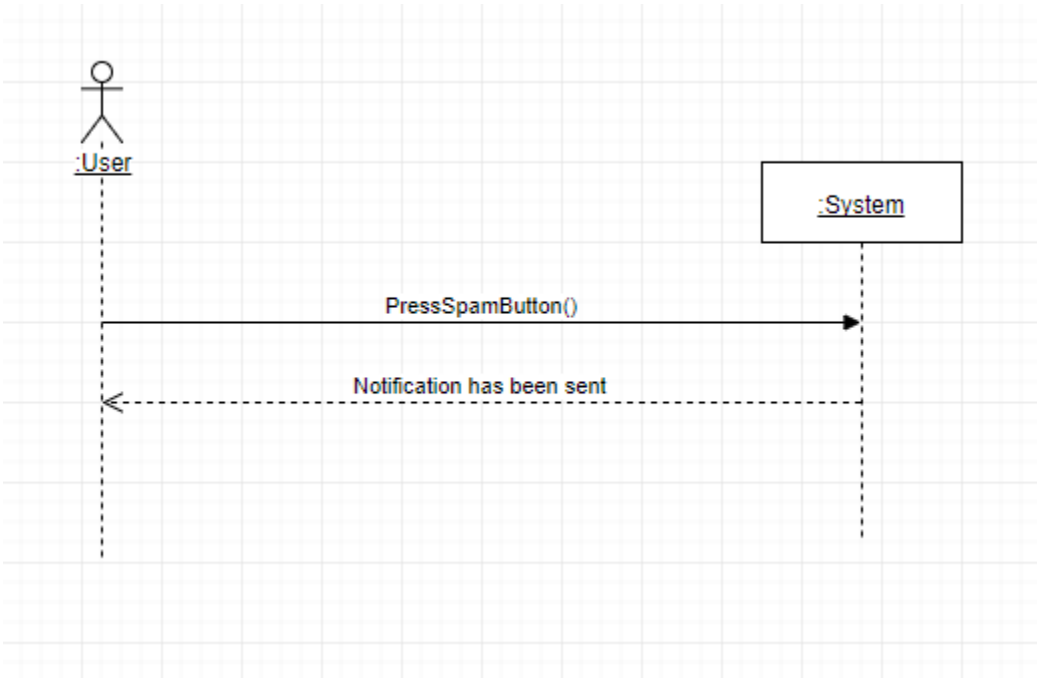

Figure_3. 16 SSD for Spam the Comment

SSD for Delete Video:

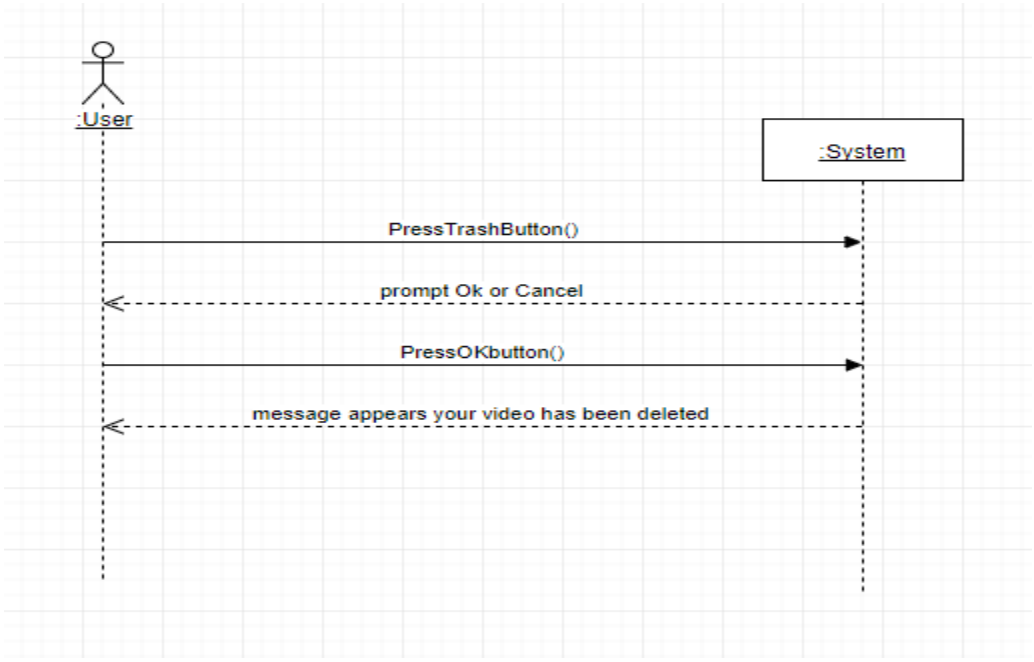

Figure_3. 17 SSD for Delete Video

SSD for Report Video:

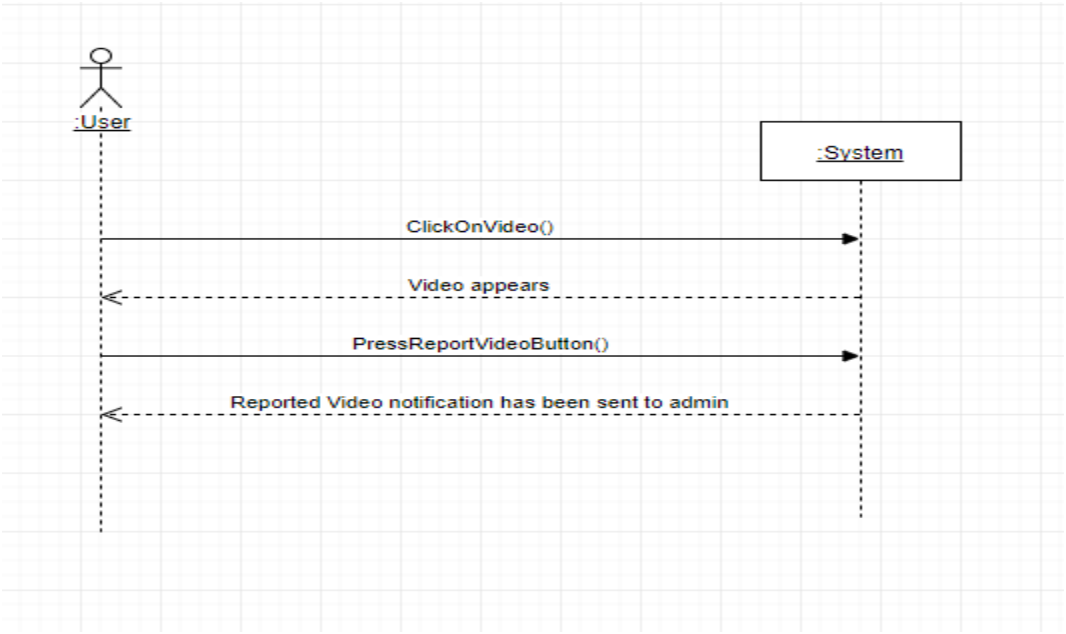

Figure_3. 18 SSD for Report Video

SSD for Subscribe User:

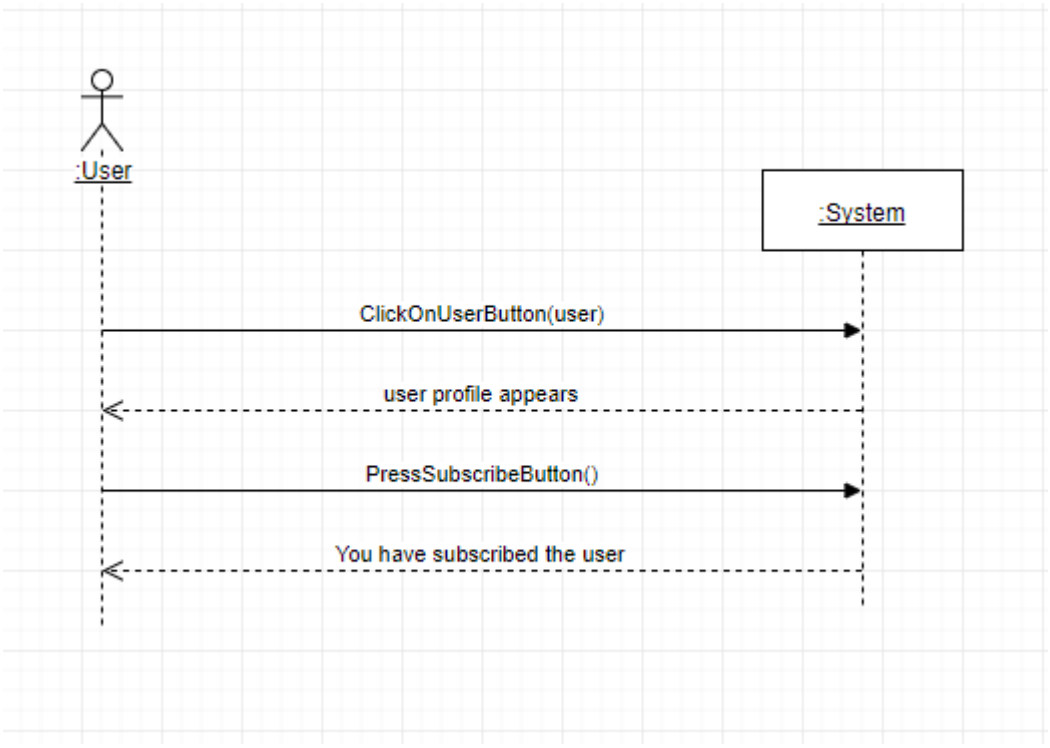

Figure_3. 19 SSD for Subscribe User

SSD for Unsubscribe User:

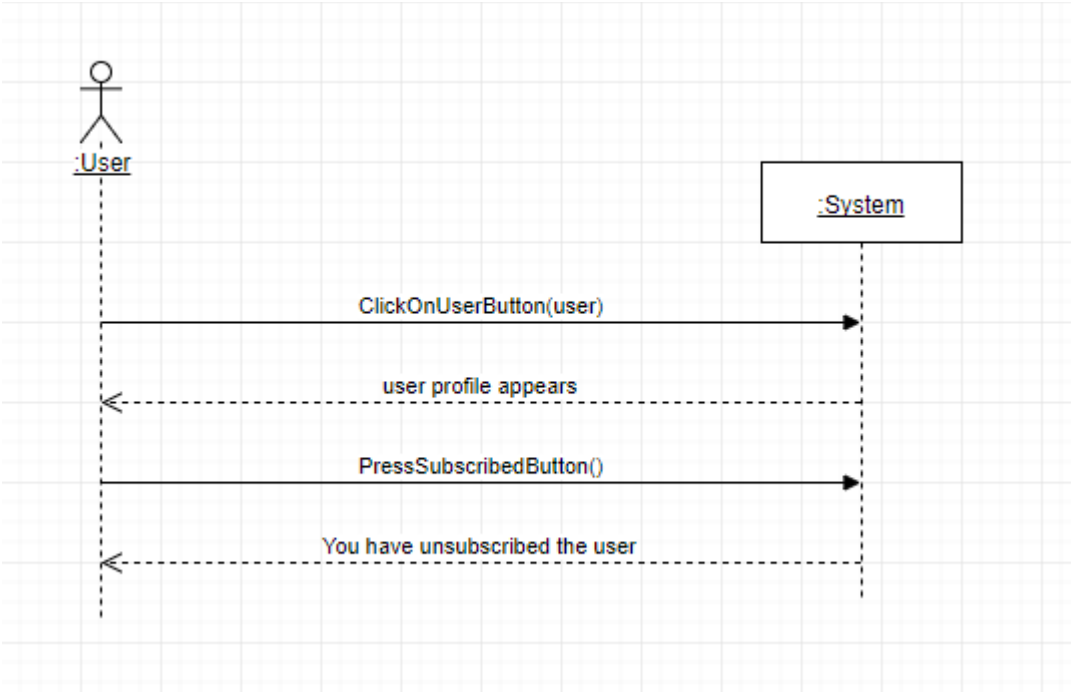

Figure_3. 20 SSD for Unsubscribe User

SSD for Edit Profile:

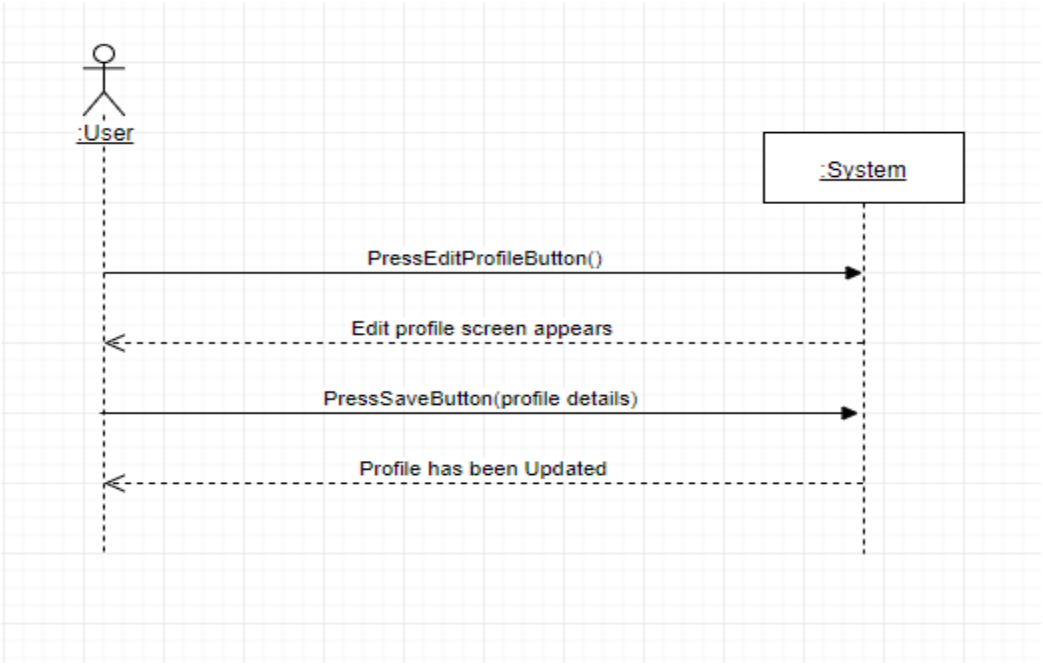

Figure_3. 21 SSD for Edit Profile

SSD for Search Video:

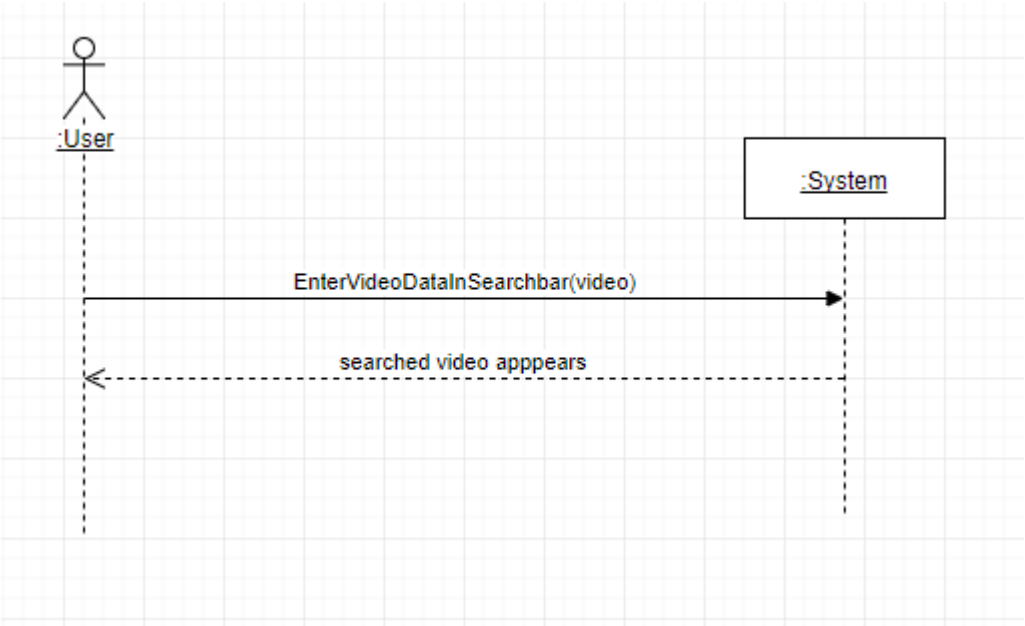

Figure_3. 22 SSD for Search Video

SSD for Suggest video:

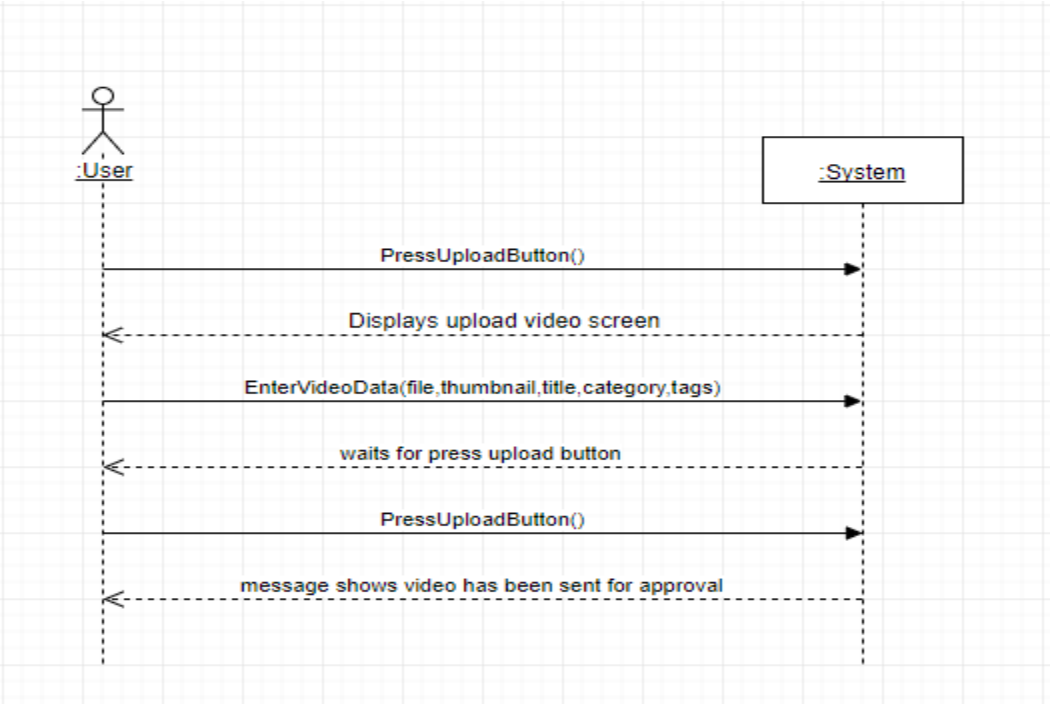

Figure_3. 23 SSD for Suggest Video

3.3 Database Requirements

MySQL database will use for this system to store all information. This database will serve as the backbone of my portal. It will store all the URLs, tags, of videos and related information of users. Tables communicate and share information, which will facilitates data search ability, organizing [5].

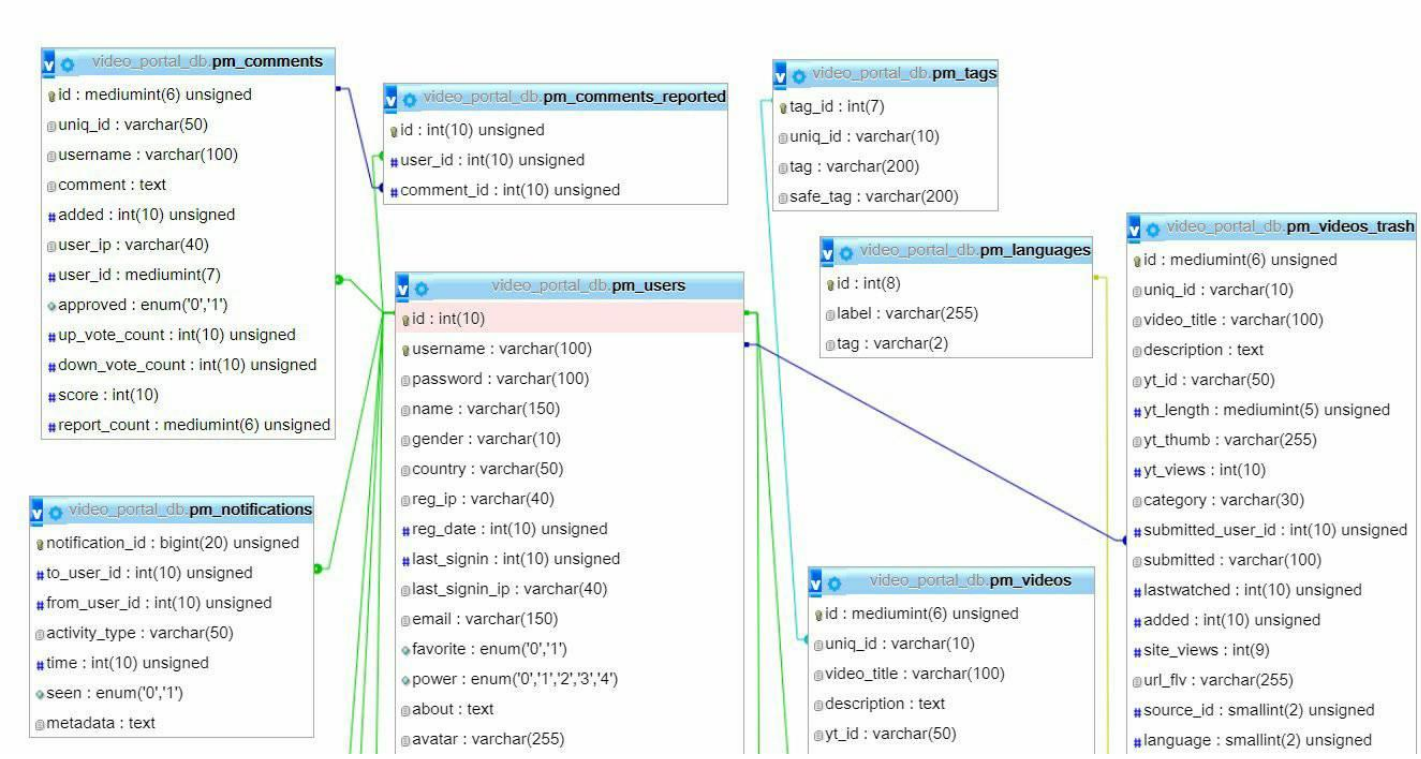

Figure_3. 24(a) Database Design

Figure_3. 24(b) Database Design

Figure_3.2.4(c) Database Design

3.4 Domain Model

Domain model is a conceptual model of the domain that incorporates both behavior and data [1].

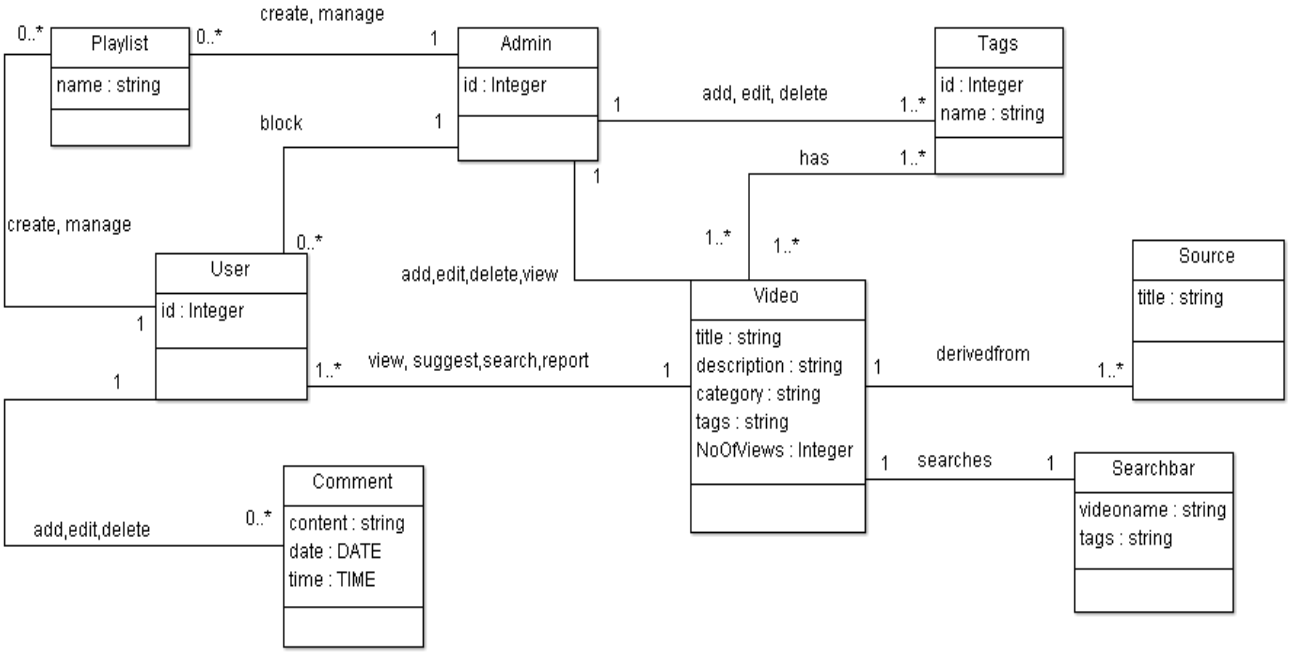

Figure_3. 25 Domain Model

3.5 Activity Diagrams

Activity diagram is another important diagram in UML to describe the dynamic aspects of the system. It is basically a flowchart to represent the flow from one activity to another activity [2].

Activity Diagram for Login:

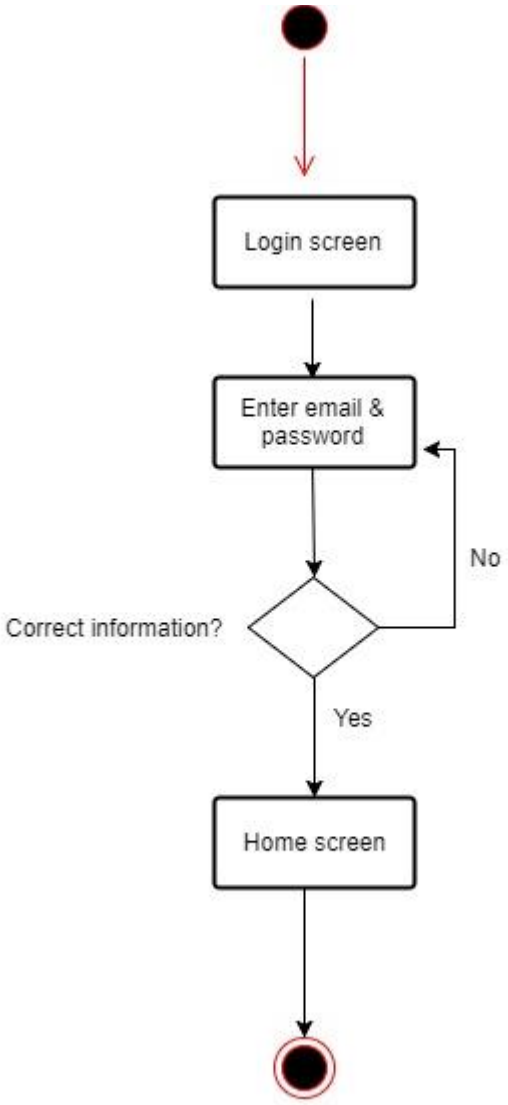

Figure_3. 26 Activity Diagram for Login

Activity Diagram for Logout:

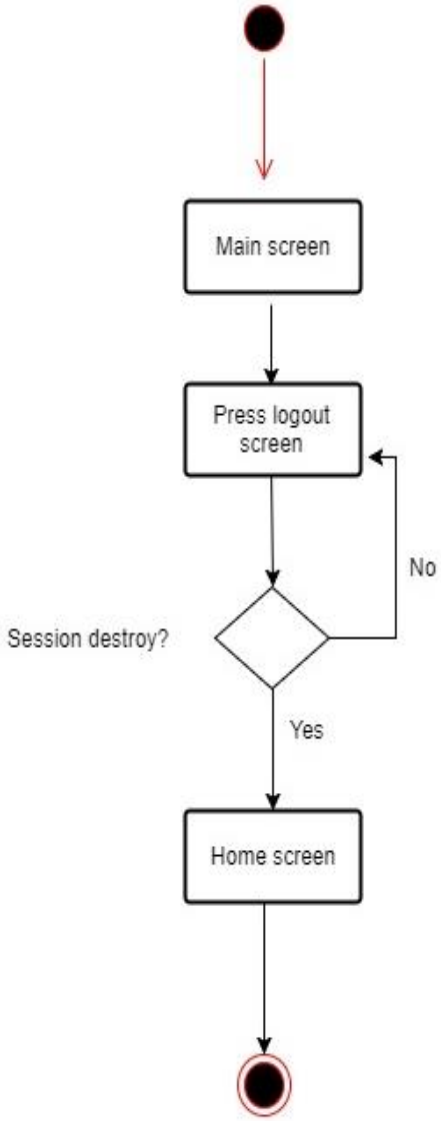

Figure_3. 27 Activity Diagram for Logout

Activity Diagram for Registration:

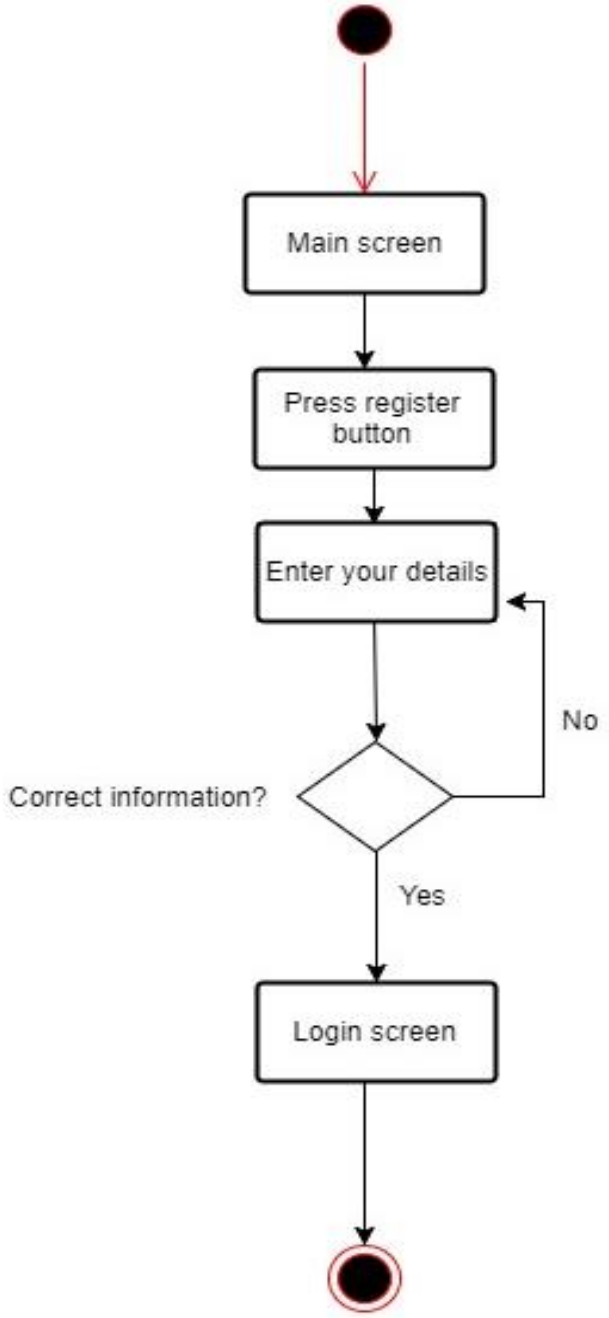

Figure_3. 28 Activity Diagram for Registration

Activity Diagram of Admin for Managing Users:

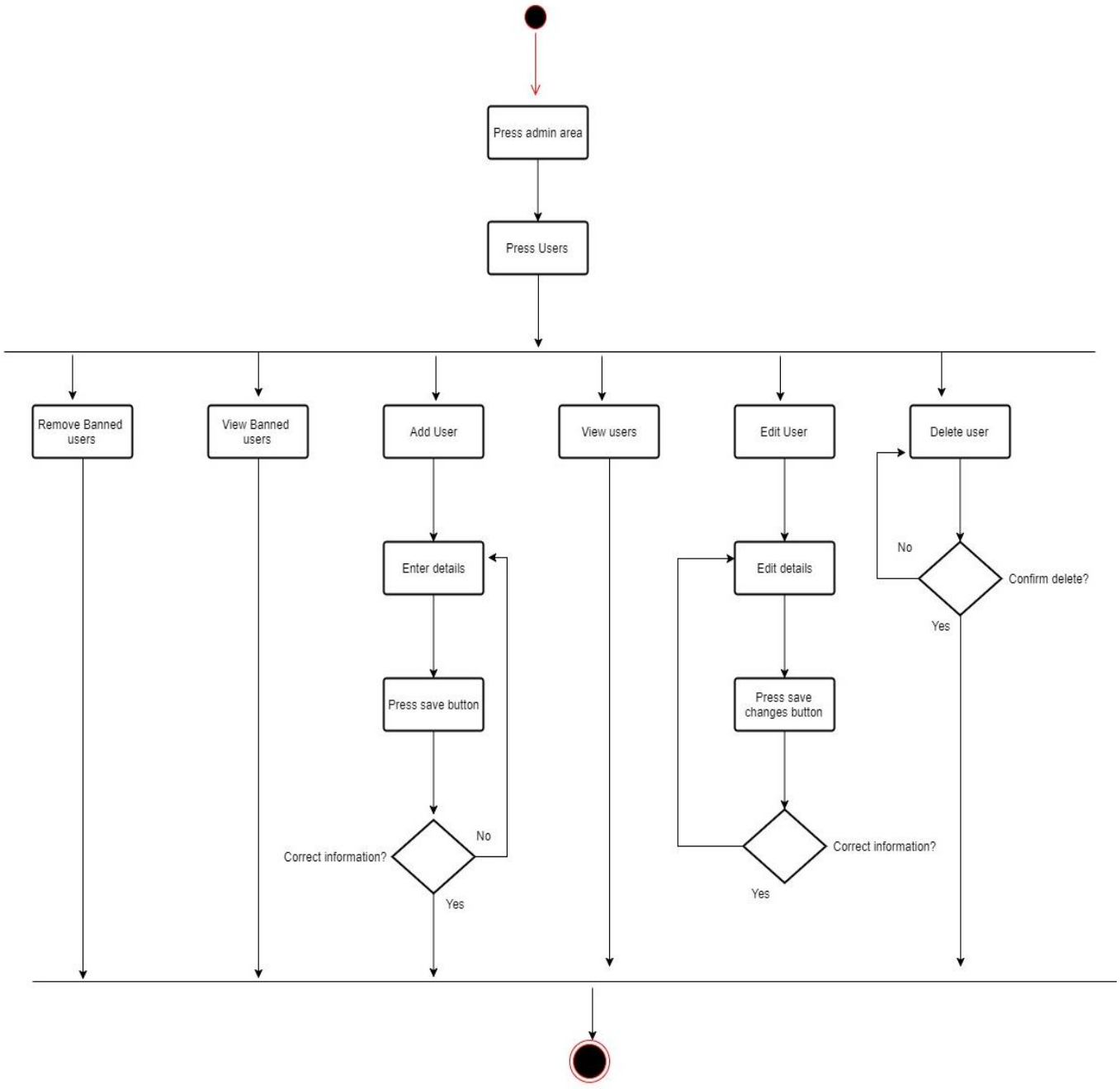

Figure_3. 29 Activity diagram of admin for managing users

Activity Diagram of Admin for Managing Categories:

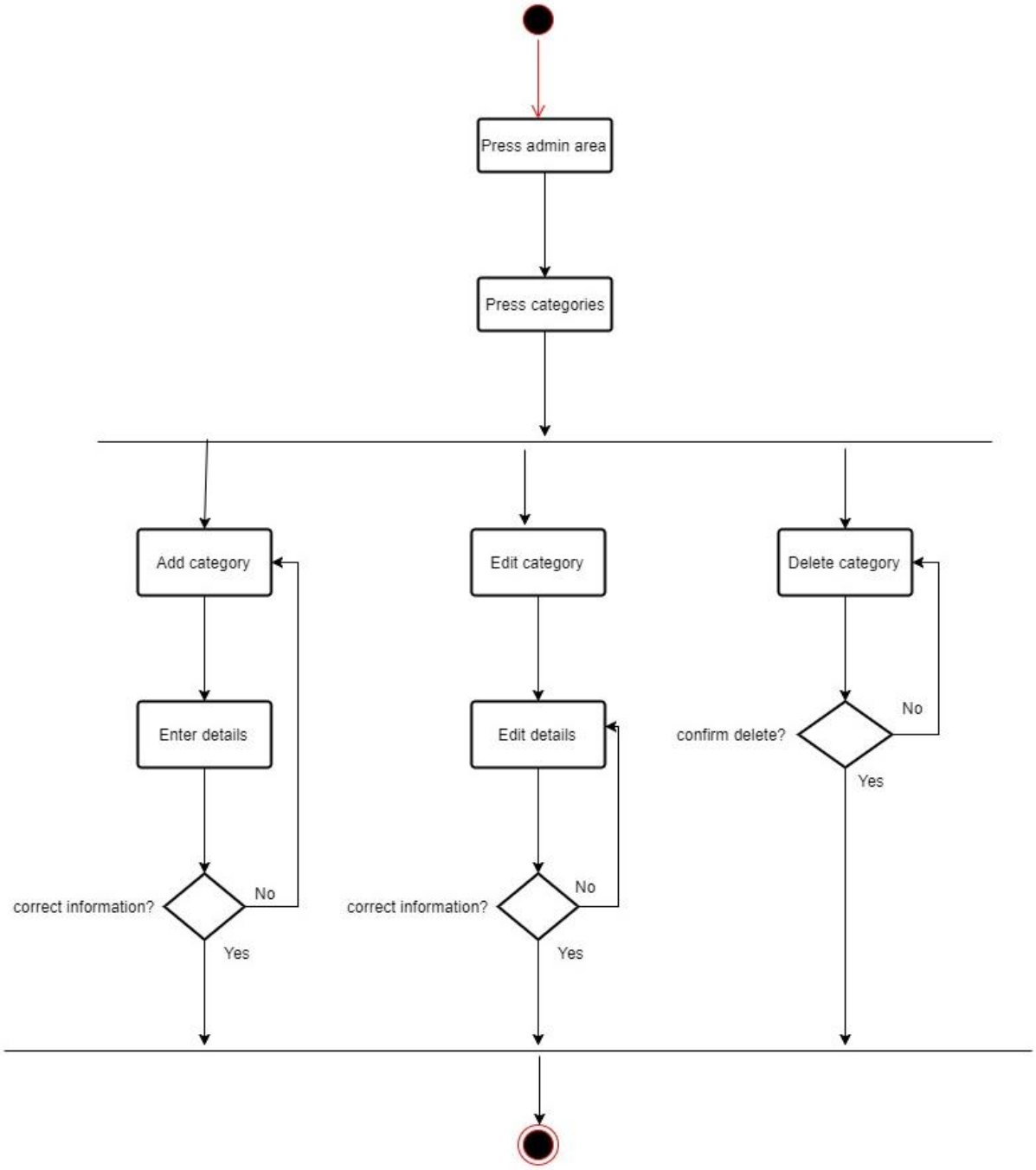

Figure_3. 30 Activity diagram of Admin for Managing Categories

Activity Diagram of Admin for Managing Videos:

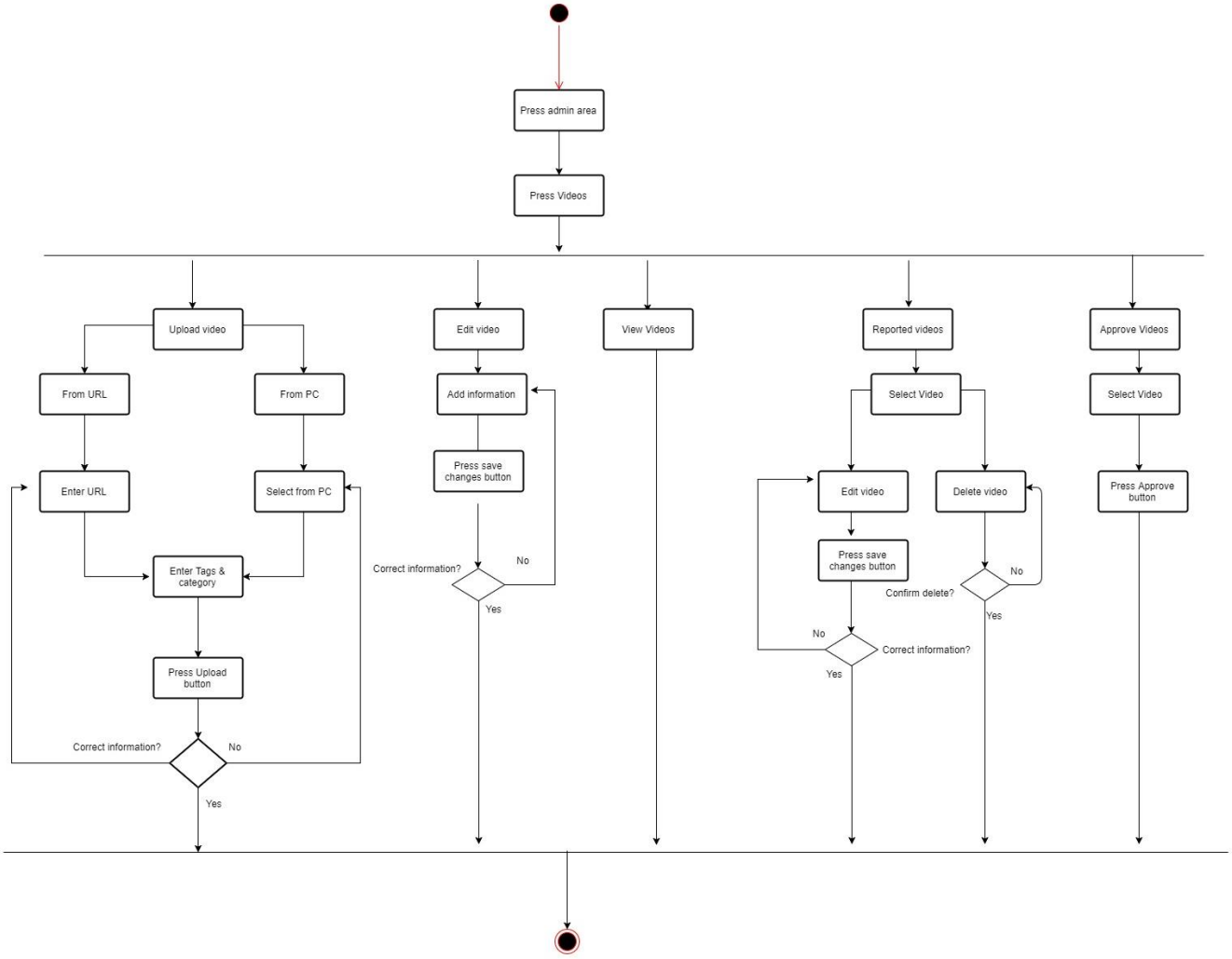

Figure_3. 31 Activity diagram of Admin Managing Videos

Activity Diagram of admin for managing logs:

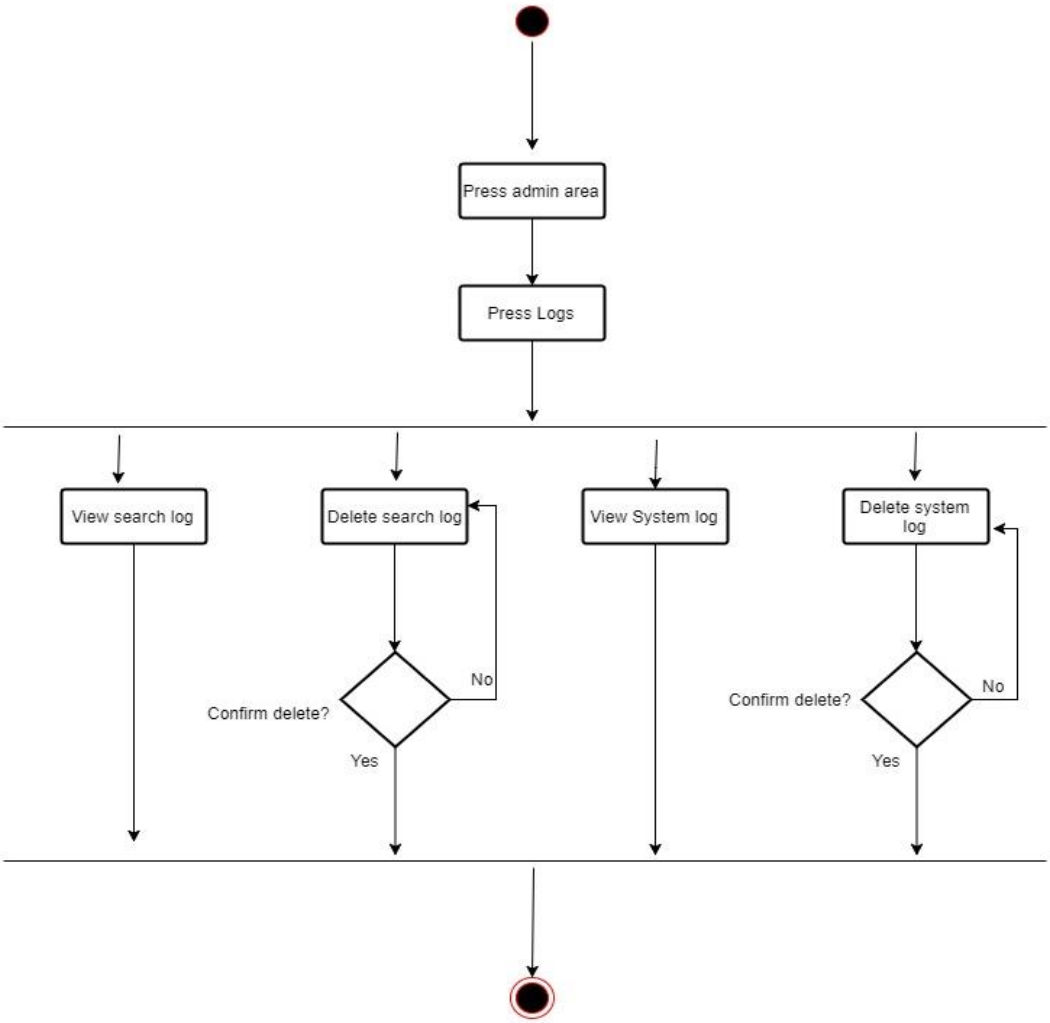

Figure_3. 32 Activity diagram of admin for managing logs

Activity Diagram of managing playlists:

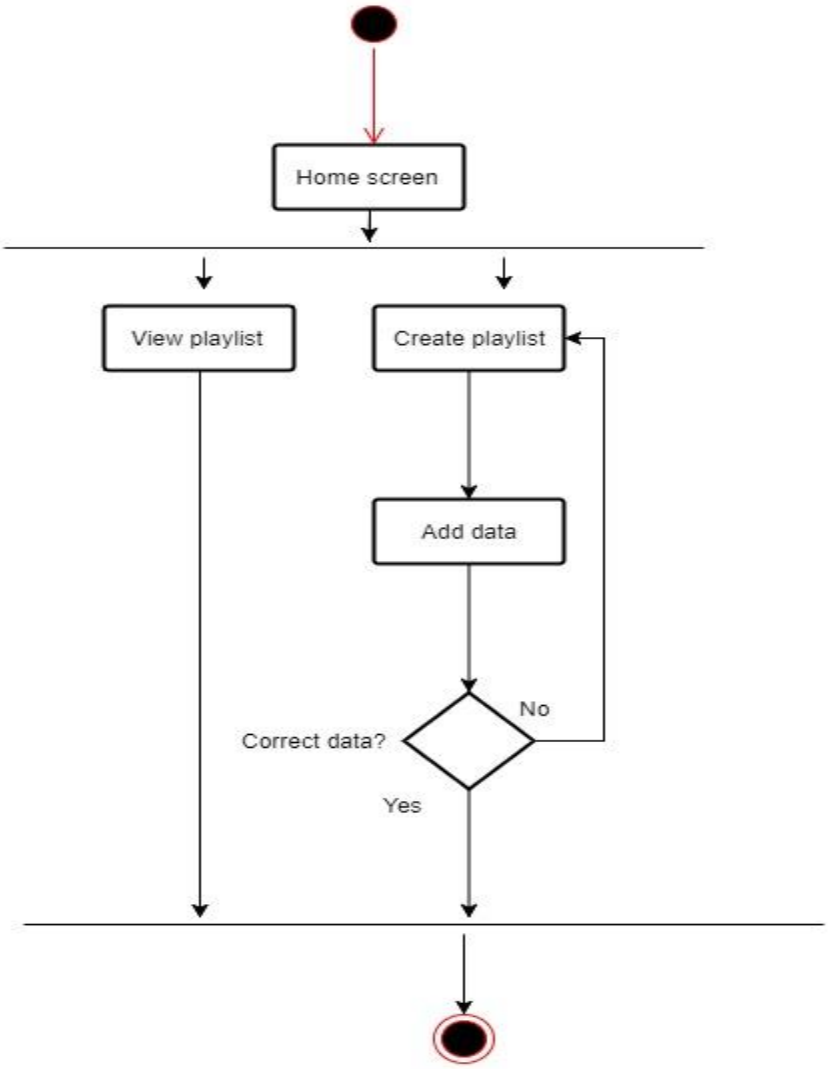

Figure_3. 33 Activity diagrams of managing playlists

Activity Diagram of users for videos:

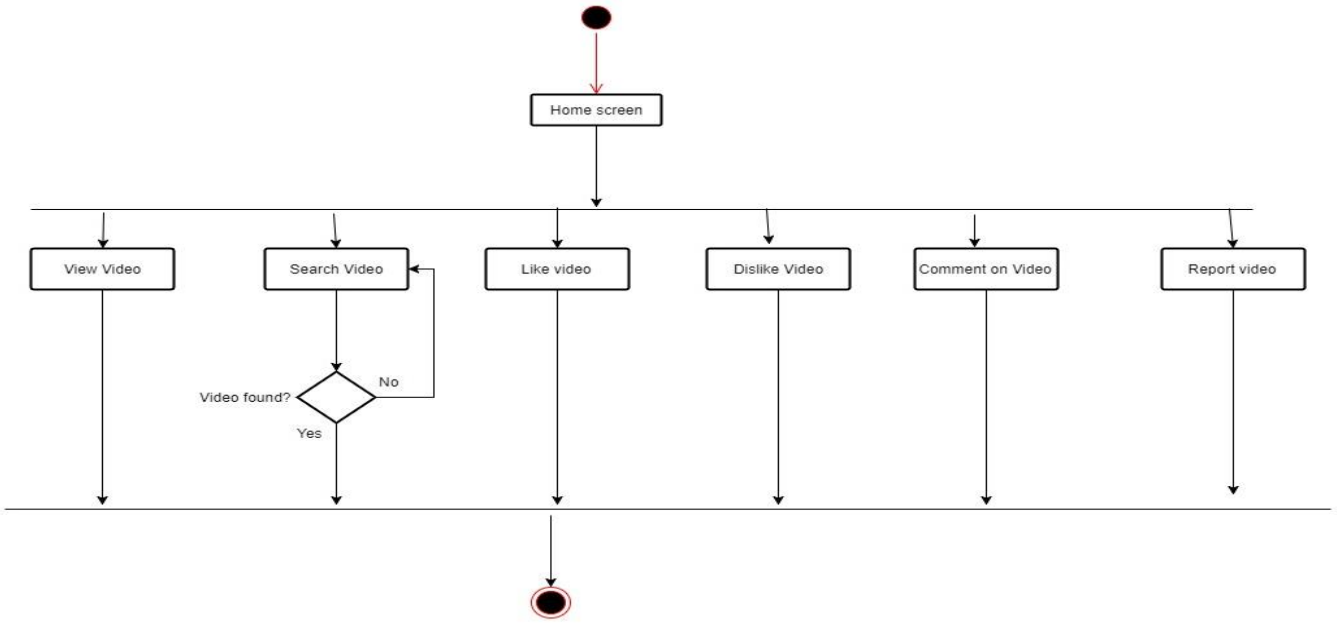

Figure_3. 34 Activity diagram of users for videos

Activity Diagram of users for comments:

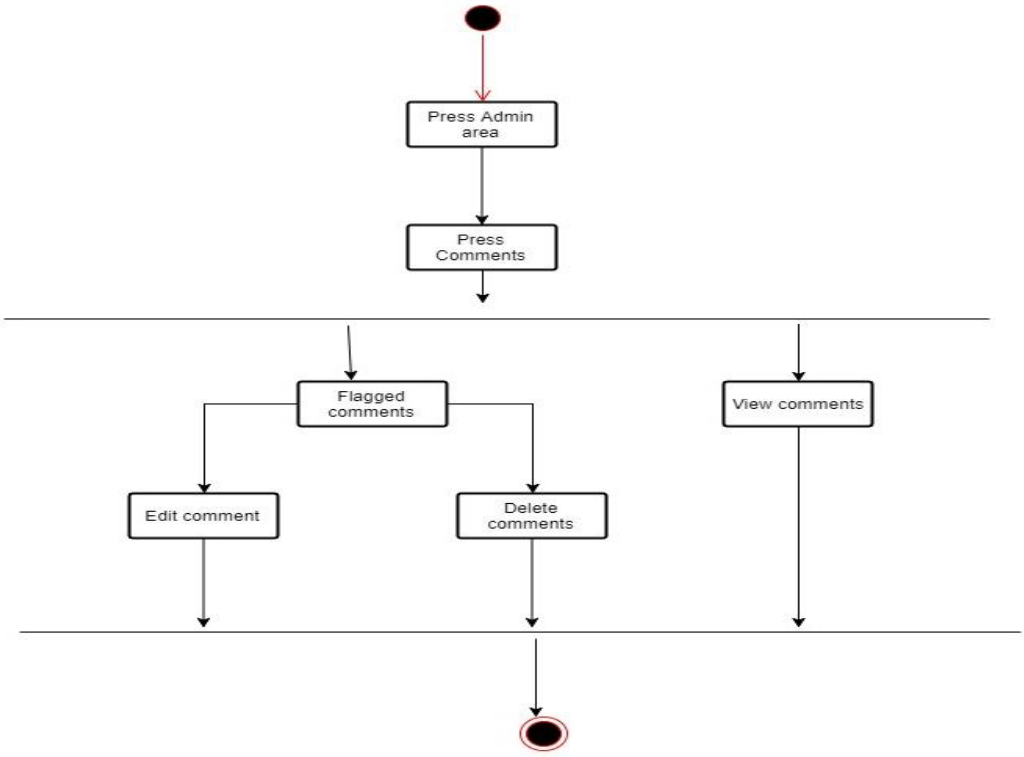

Figure_3. 35 Activity diagram of users for comments

3.6 System Architectural Design

This section provides the process for identifying the sub-system making up a system and the framework for sub-system control and communication. It involves identifying major system components and their communications. The system decomposes into several sub systems there is a control relationships between different parts of the system. The identified sub-systems are decomposing into modules. It enables software engineers to describe in predictable ways.

3.6.1 Chosen System Architecture

In this section, we describe main architecture of the system. Modules of the system are described at abstract level. The basic architecture of this system is 3-tier model. A 3-tier model uses the client/server computing model.

It has three layers:

- Presentation Layer
- Application Layer
- Data Link Layer

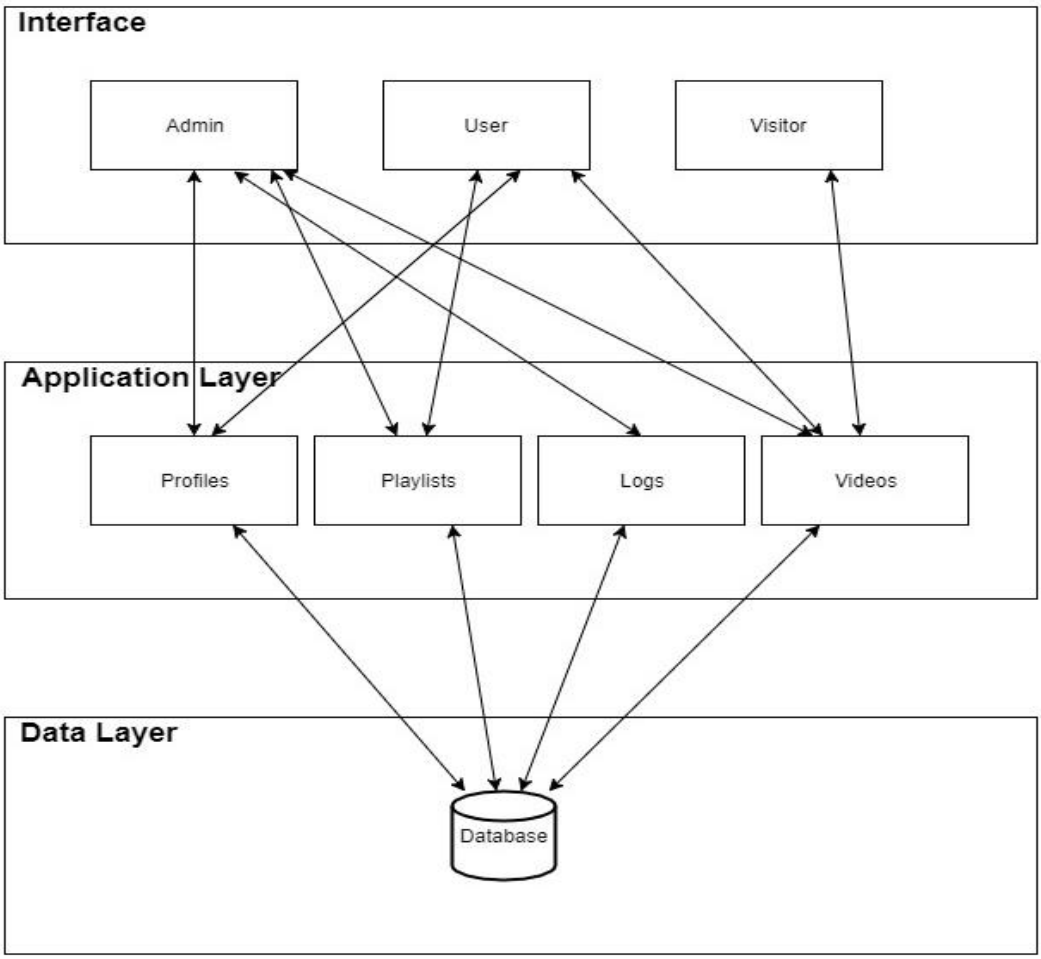

Figure_3. 36 System Architectural Diagram

3.6.2 System Interface Description

Systems Interface Description addresses the composition and interaction of systems and sub system. Specify the static relationship of systems to one another.

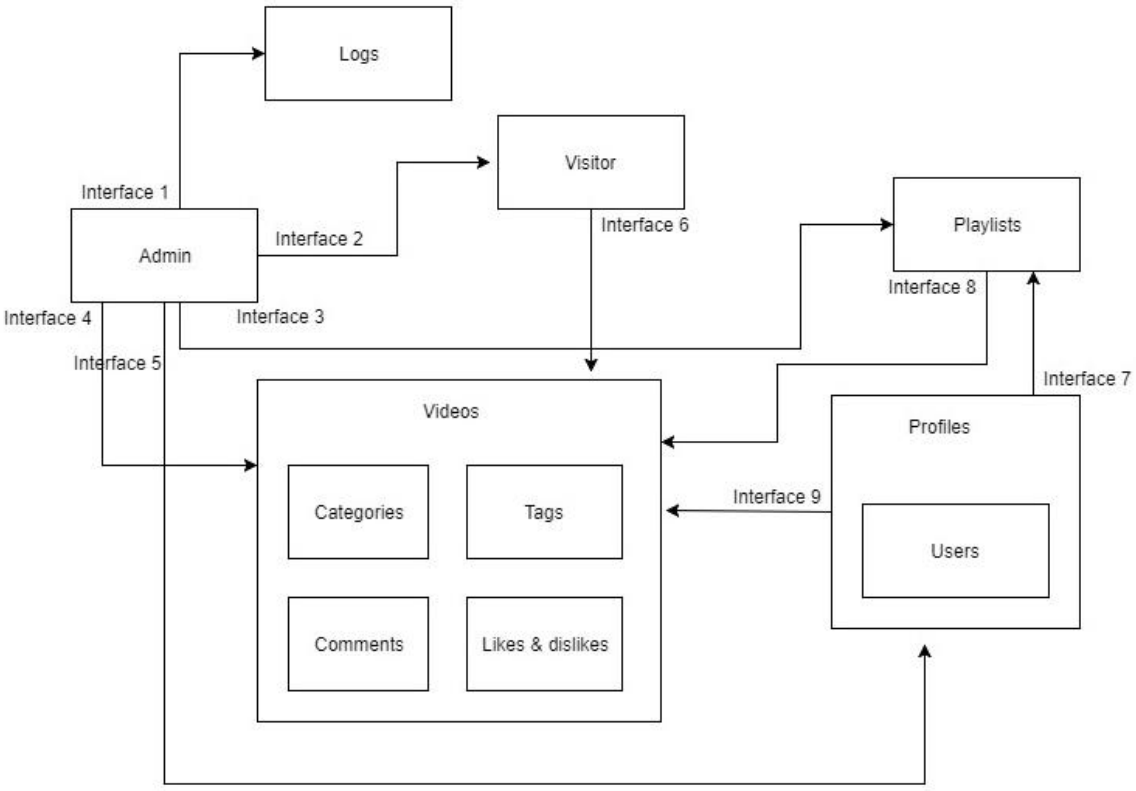

Figure_3. 37 System Interface Diagram

3.6.3 Detailed Description of Components

A component diagram, also known as a UML component diagram, describes the organization and wiring of the physical components in a system.

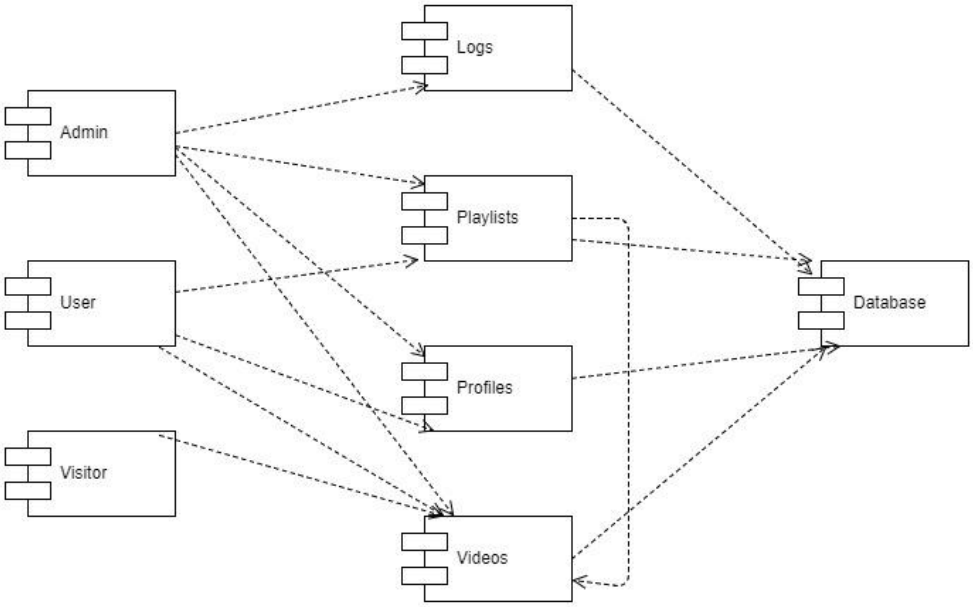

Figure_3. 38 System Component Diagram

- **Admin**

  This component interacts with Videos, profiles, logs and playlists

- **User**

  This component interacts with videos, playlists and profiles

- **Visitor**

  This component interacts with video

- **Videos**

  This component has all the videos and its tags and categories

- **Playlists**

  This component contains particular videos

- **Profiles**

  This component contains all users

- **Logs**

  This component contains notifications related to all searches made

- **Database**

  All components interact with this component through which they access all the store information.

Chapter 4

Software Implementation Document

4.1 Introduction

This document describes the project implementation for developing the project planner and scheduler.

4.1.1 Language Selection

The project implements in the following languages:

- **PHP 5.5**
  Used for PHP is a general-purpose scripting language that is especially suited to server-side web development.
- **MySQL 5.6.15**
  Use for database
- **HTML/CSS**
  Used for designing of web pages
- **JavaScript/JQuery**
  Use for scripting and validation

4.1.2 Tools Selection

- Editor atom
- Xampp3.1.5
- Web Browser
- Bootstrap

4.1.3 Resources

- **Bootstrap Template**
  This template is used to develop admin area.
- **Smarty Template**
  This template is used to develop portal [4].

- **Ajax**
  Use for the client-side browser to communicate with the server without having to perform a page refresh.
- **JQuery**
  It is a framework to help make writing in JavaScript easier.

4.2 Application Screenshots

Here are the screen shots of the portal:

Screenshot of Login Screen:

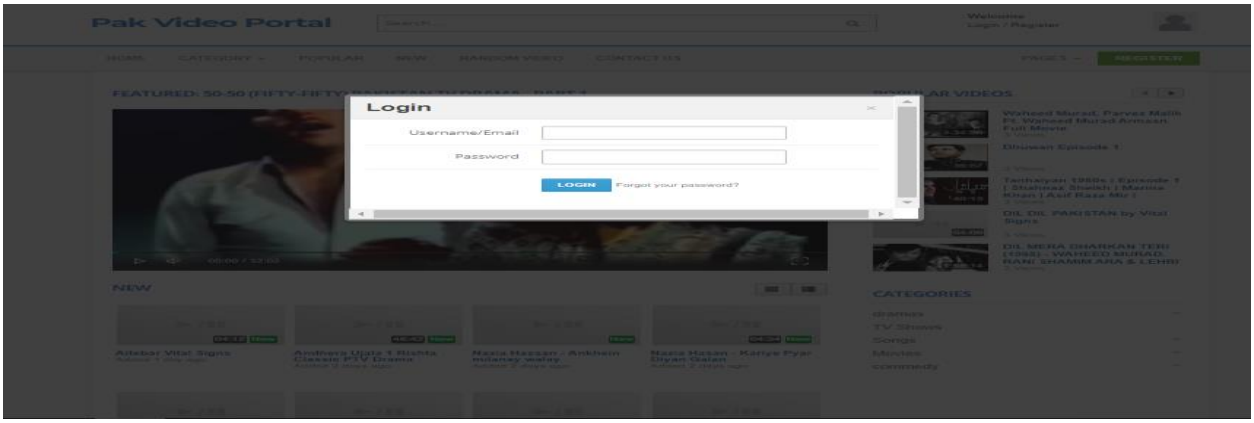

Figure_4. 1 Login screen

Screenshot of register Screen:

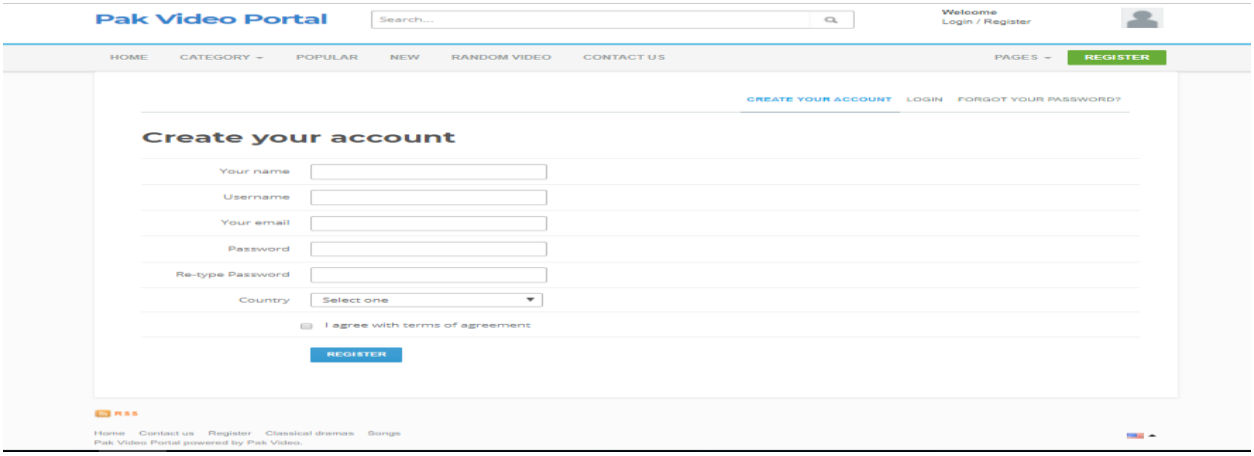

Figure_4. 2 Register screen

Screenshot of admin area Screen:

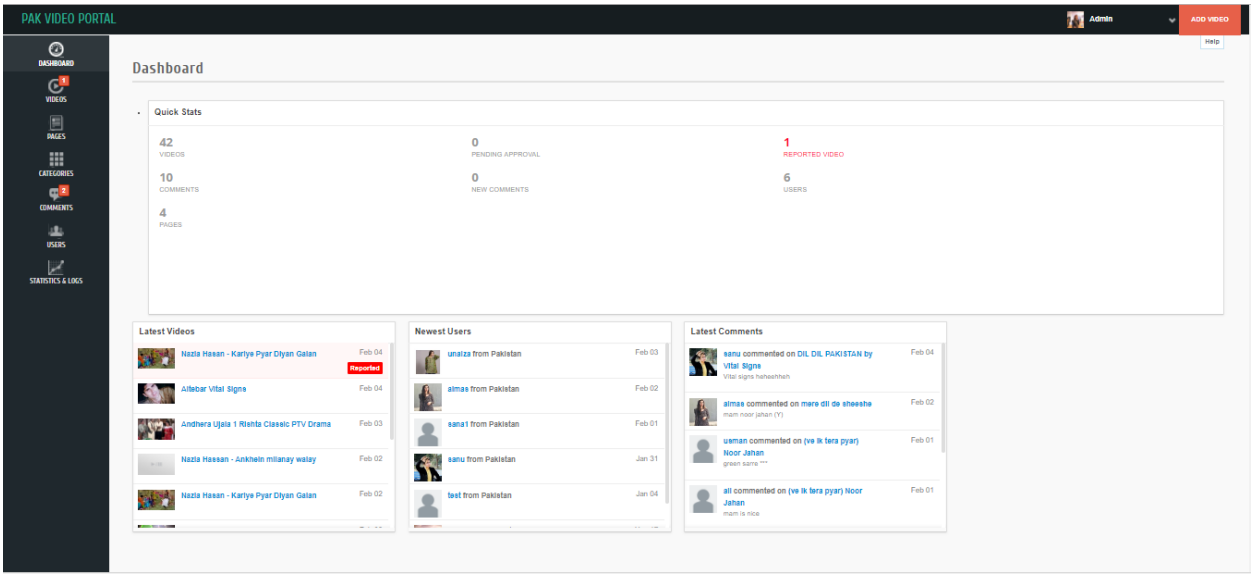

Figure_4. 3 Admin area screen

Screenshot of admin area adding users Screen:

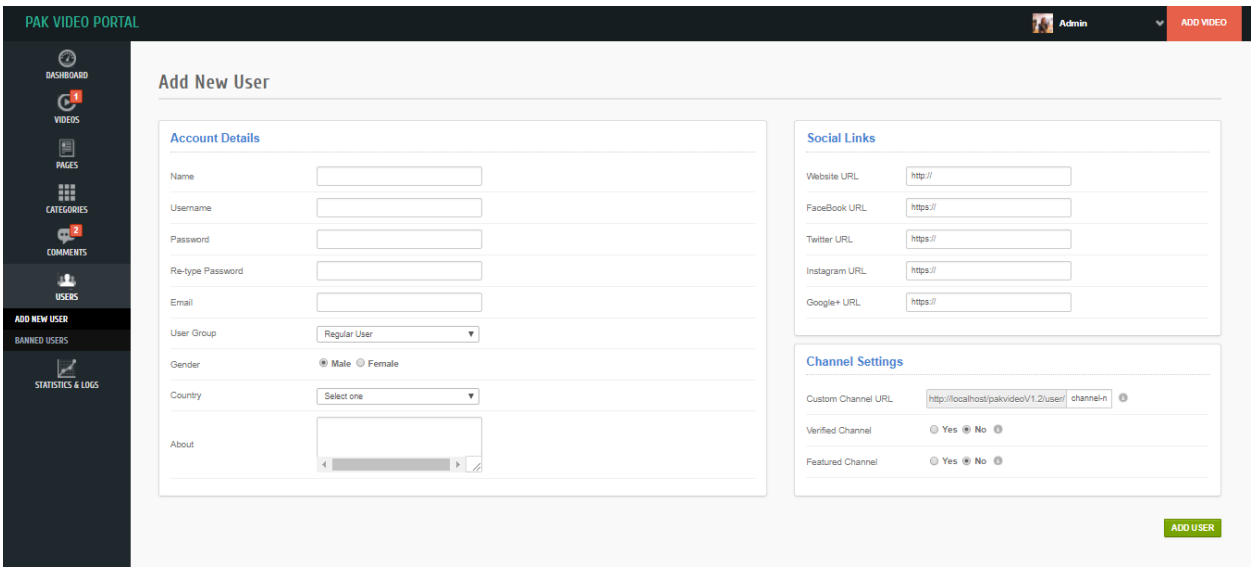

Figure_4. 4 Adding users screen

Screenshot of admin adding video from URL Screen:

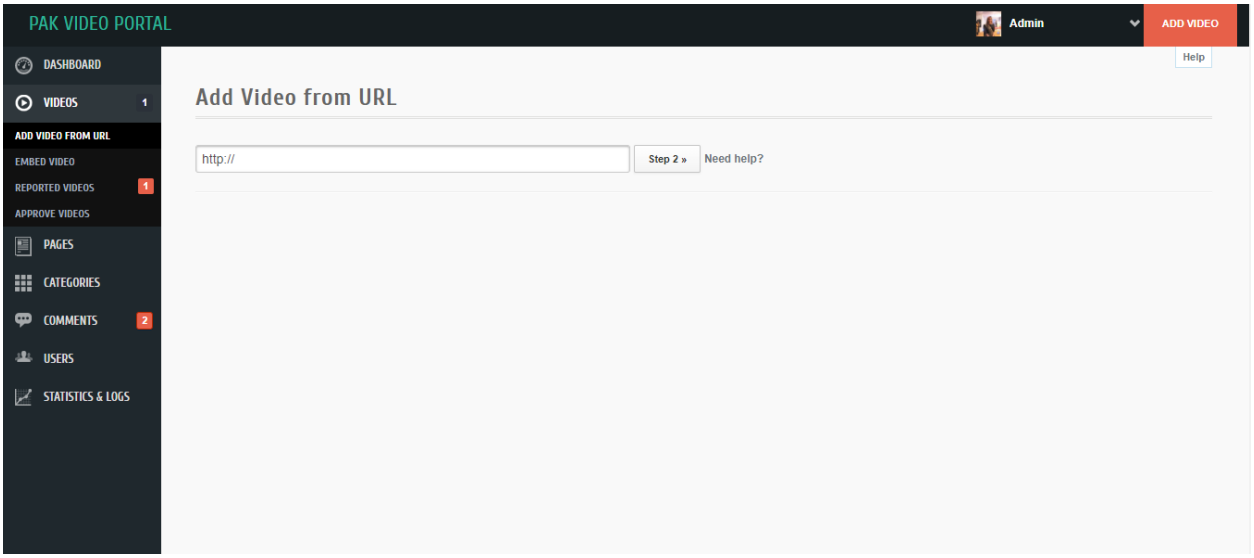

Figure_4. 5 Adding videos screen

Screenshot of admin viewing videos Screen:

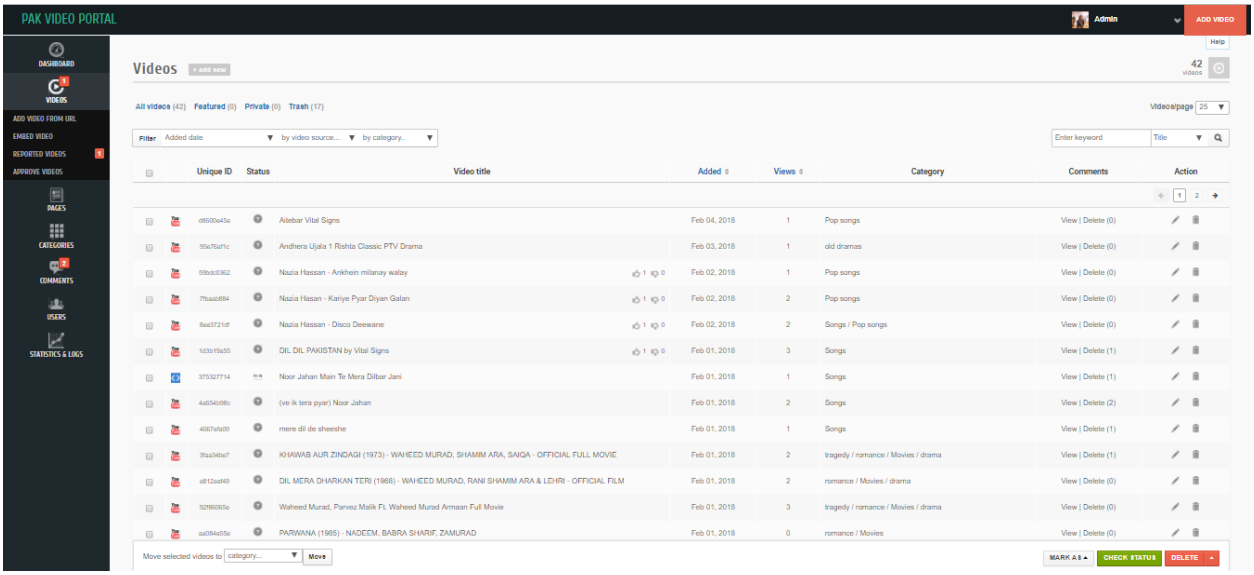

Figure_4. 6 Viewing all videos

Screenshot of reported videos Screen:

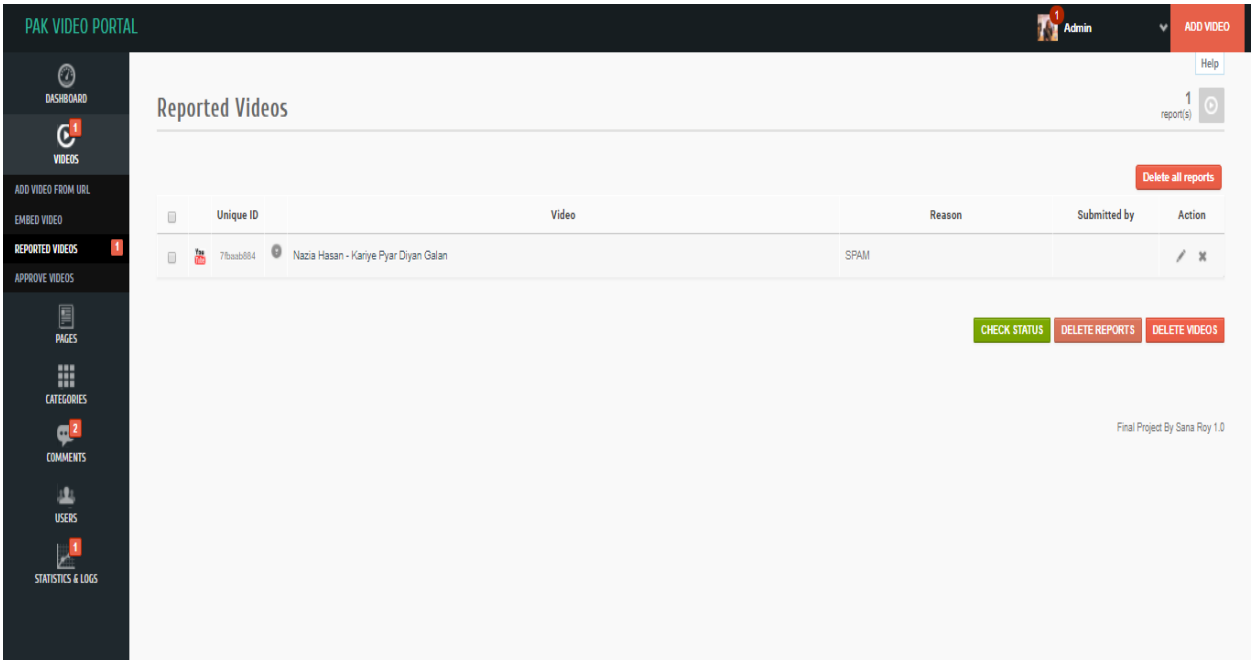

Figure_4. 7 Reported videos screen

Screenshot of abuse prevention Screen:

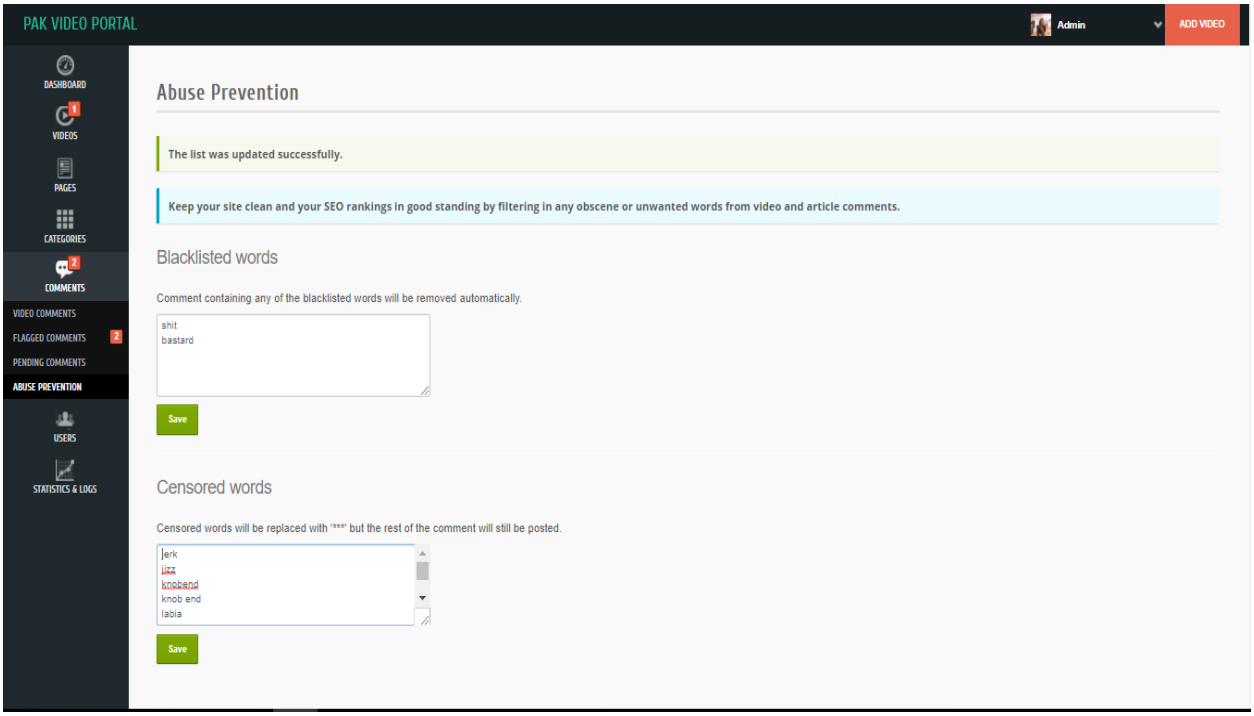

Figure_4. 8Abuse prevention screen

Screenshot of add new category Screen:

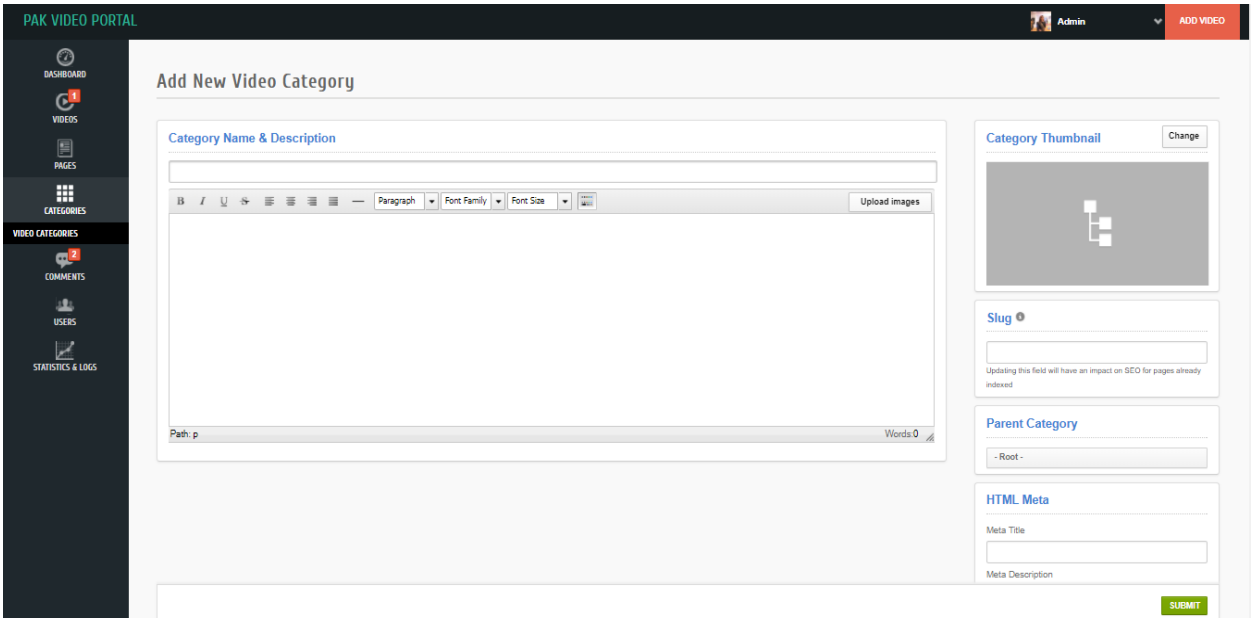

Figure_4. 9 Add new category screen

Screenshot of add video to playlist Screen:

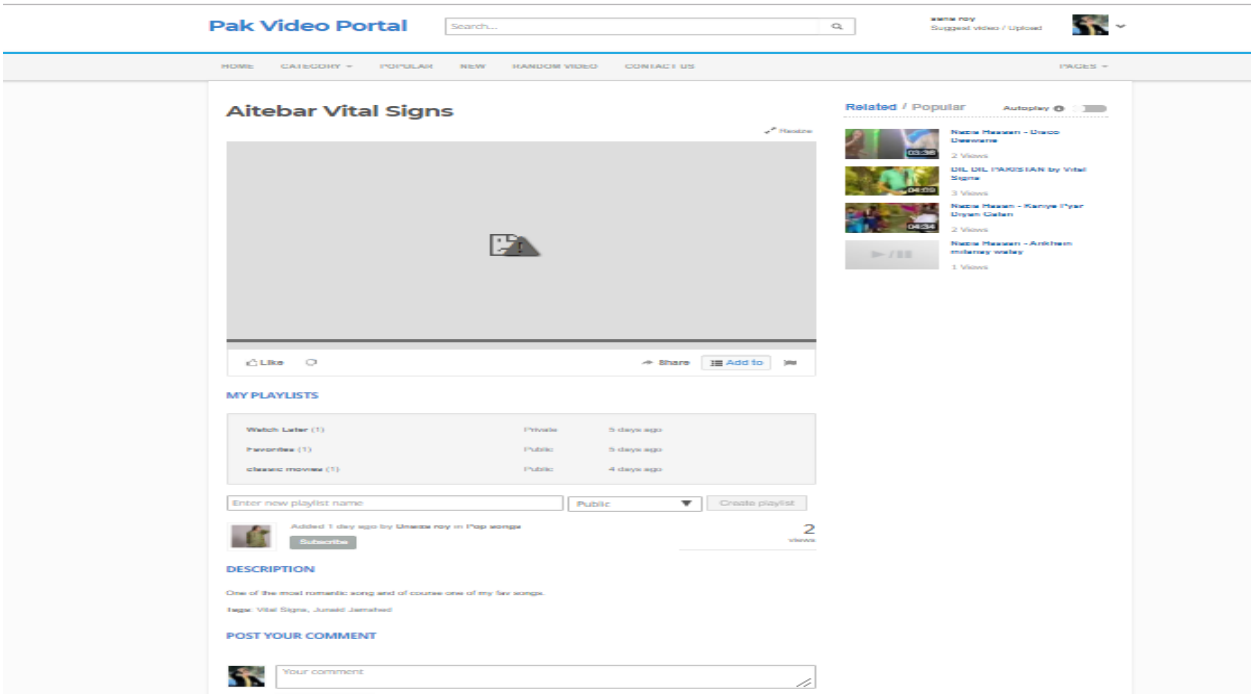

Figure_4. 10 Add video to playlist screen

Screenshot of ban the user Screen:

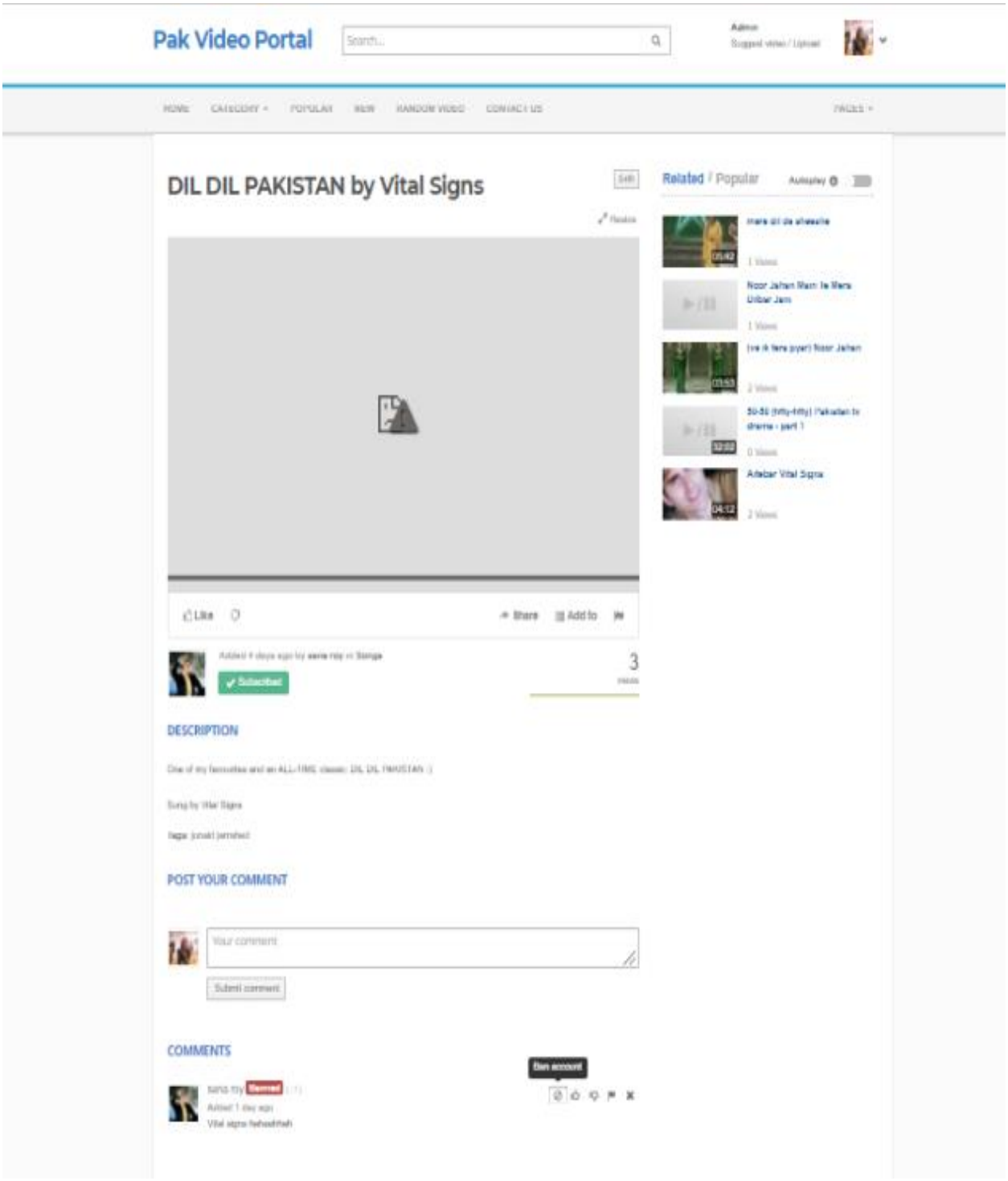

Figure_4. 11 Ban the user screen

Screenshot of edit profile Screen:

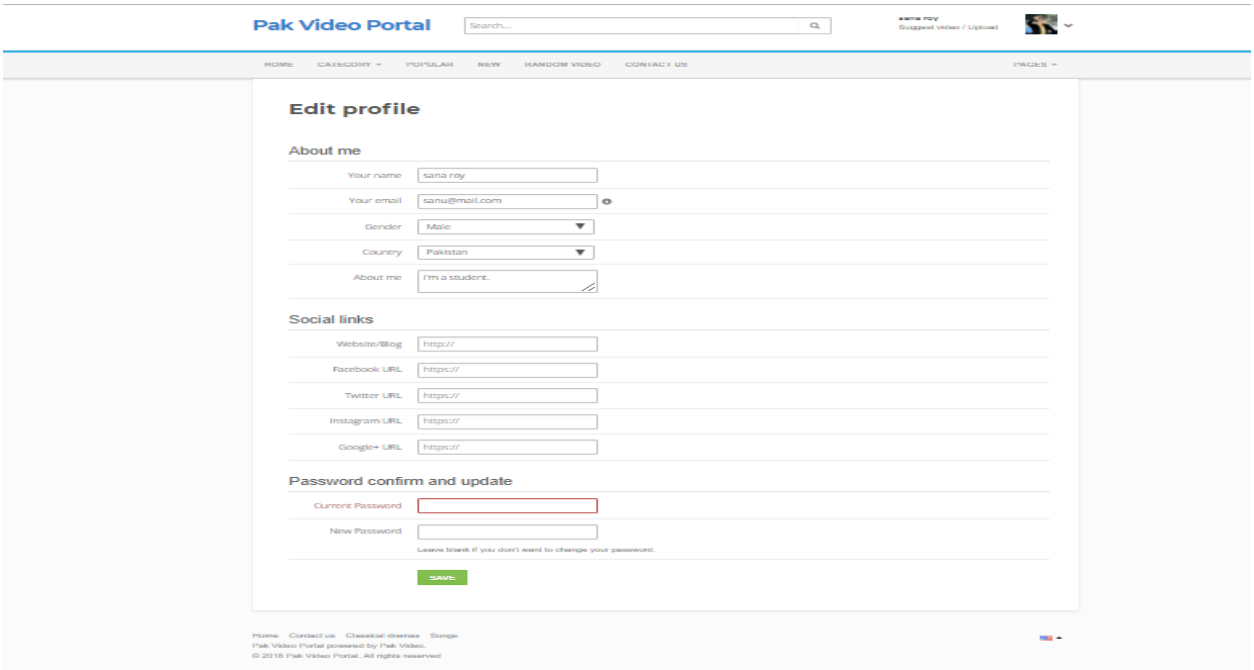

Figure_4. 12 Edit profile screen

Screenshot of flagged comments Screen:

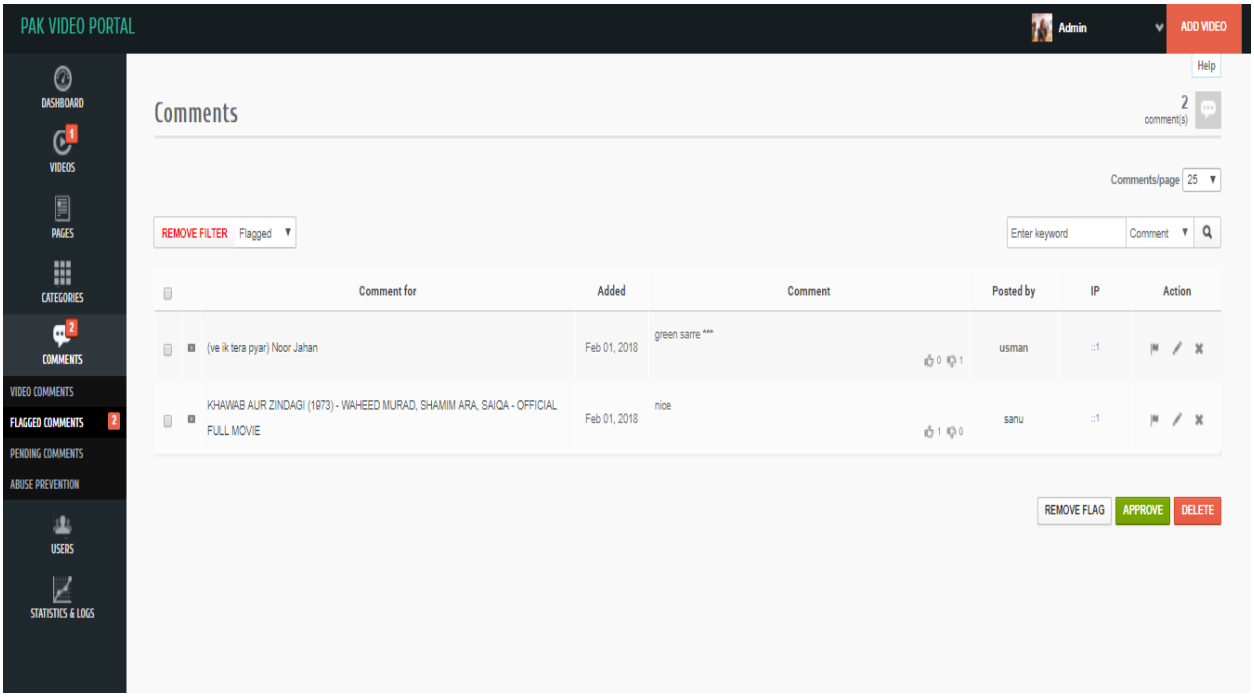

Figure_4. 13 Flagged comments screen

Screenshot of forget password Screen:

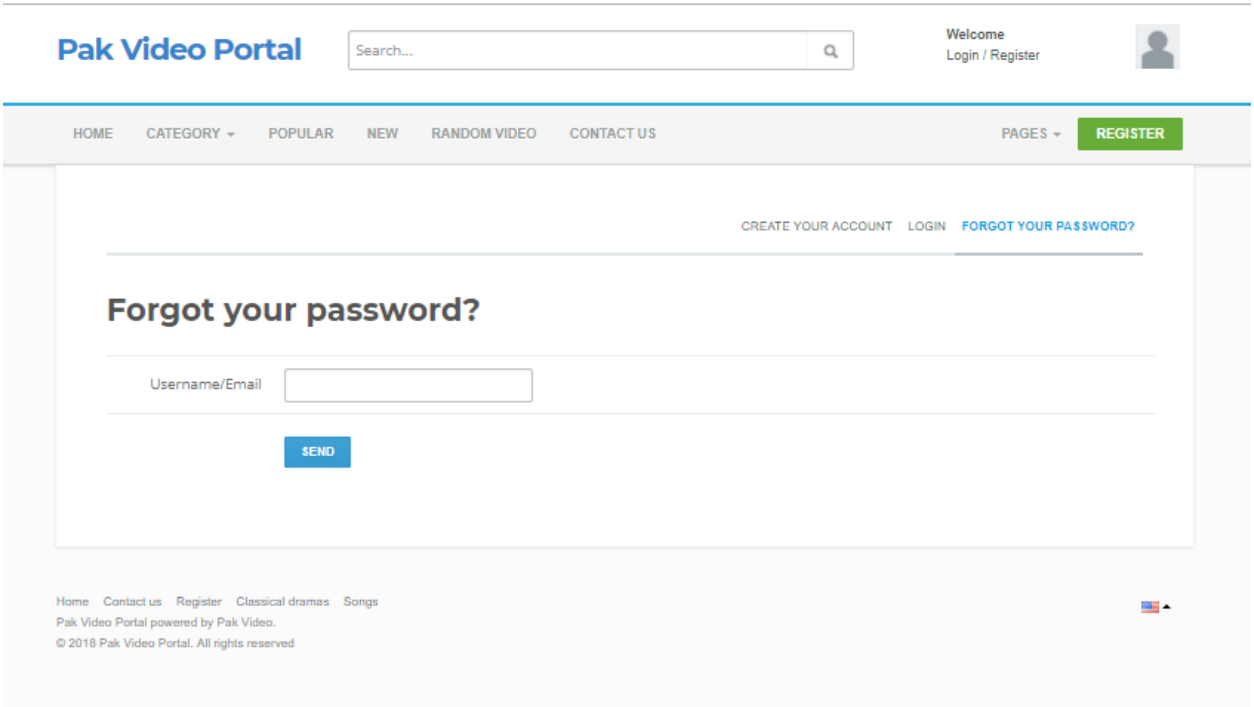

Figure_4. 14 Forget password screen

Screenshot of List of banned users Screen:

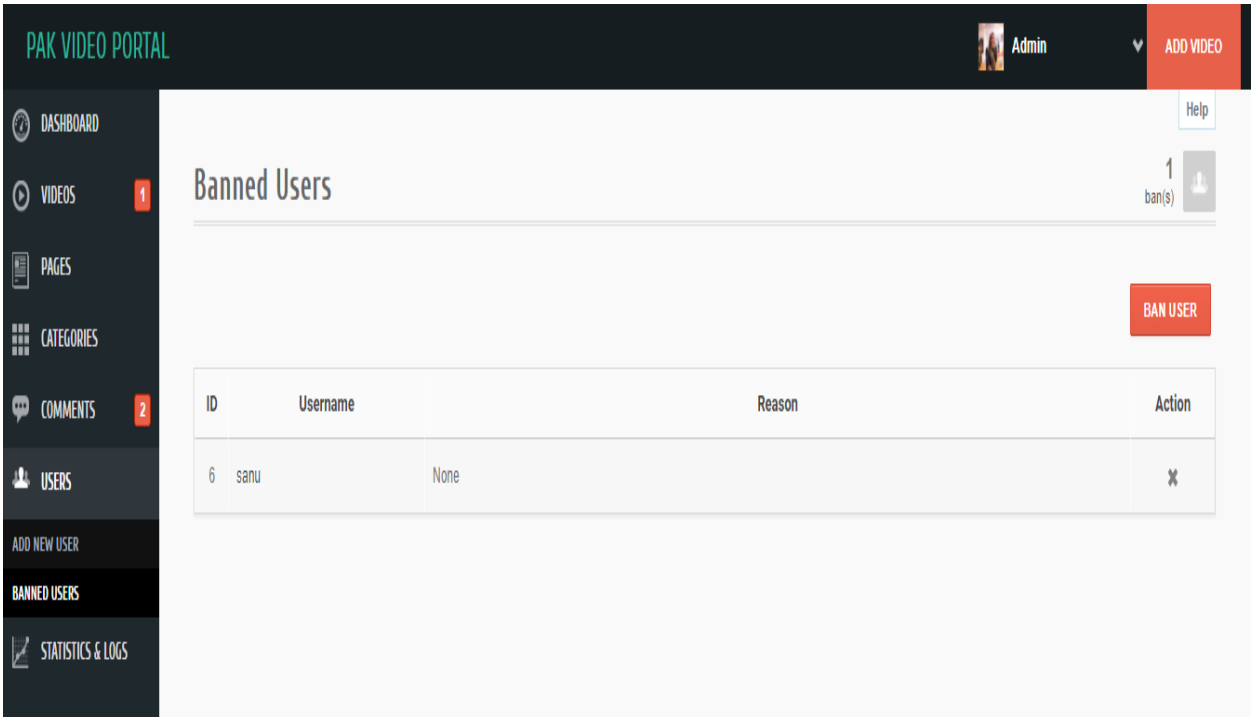

Figure_4. 15 List of banned users screen

Screenshot of manage playlists Screen:

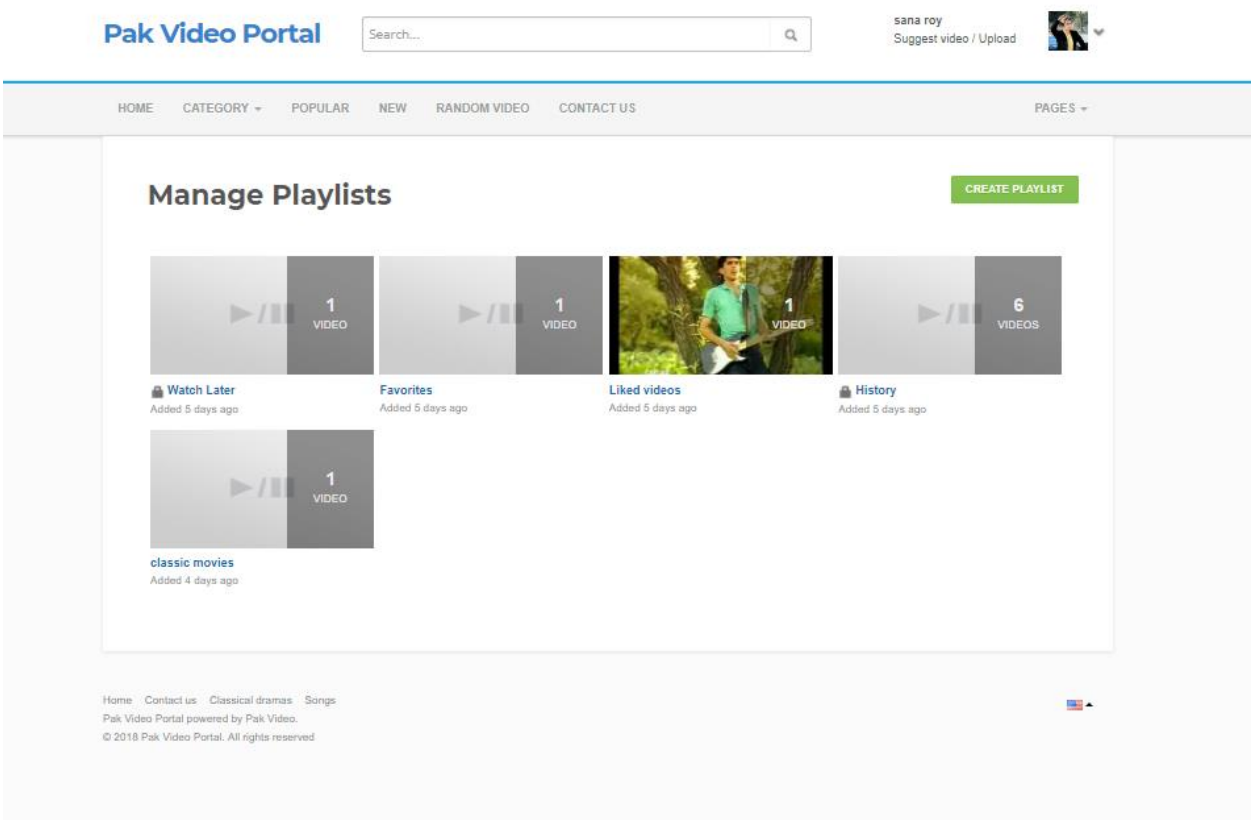

Figure_4. 16 Manage playlists screen

Screenshot of reported videos Screen:

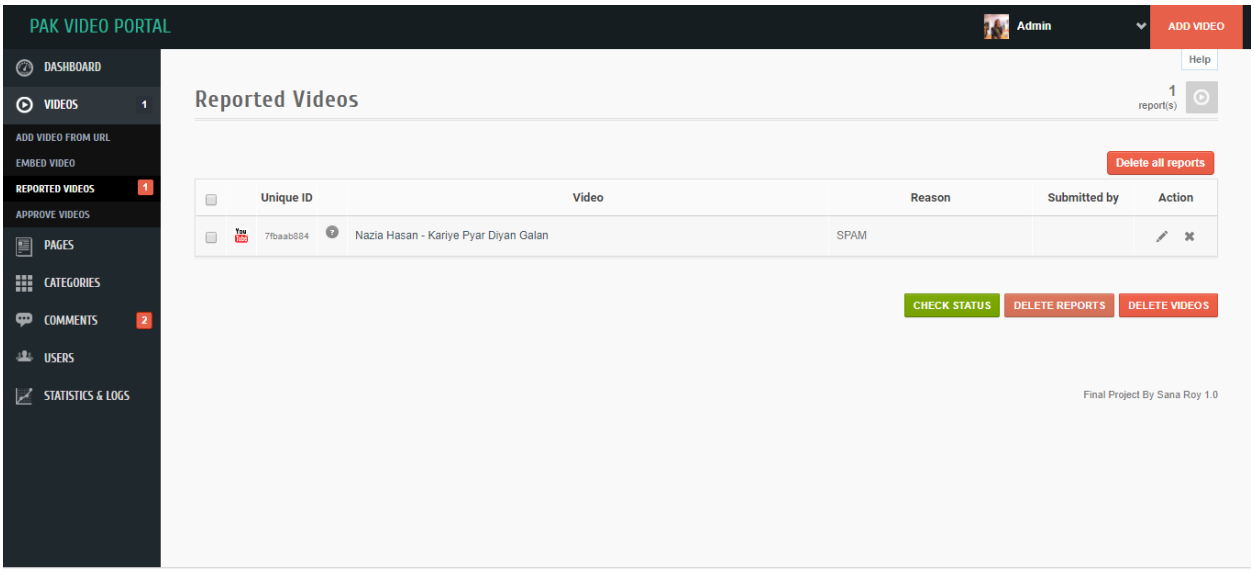

Figure_4. 17 Reported video screen

Screenshot of report the video Screen:

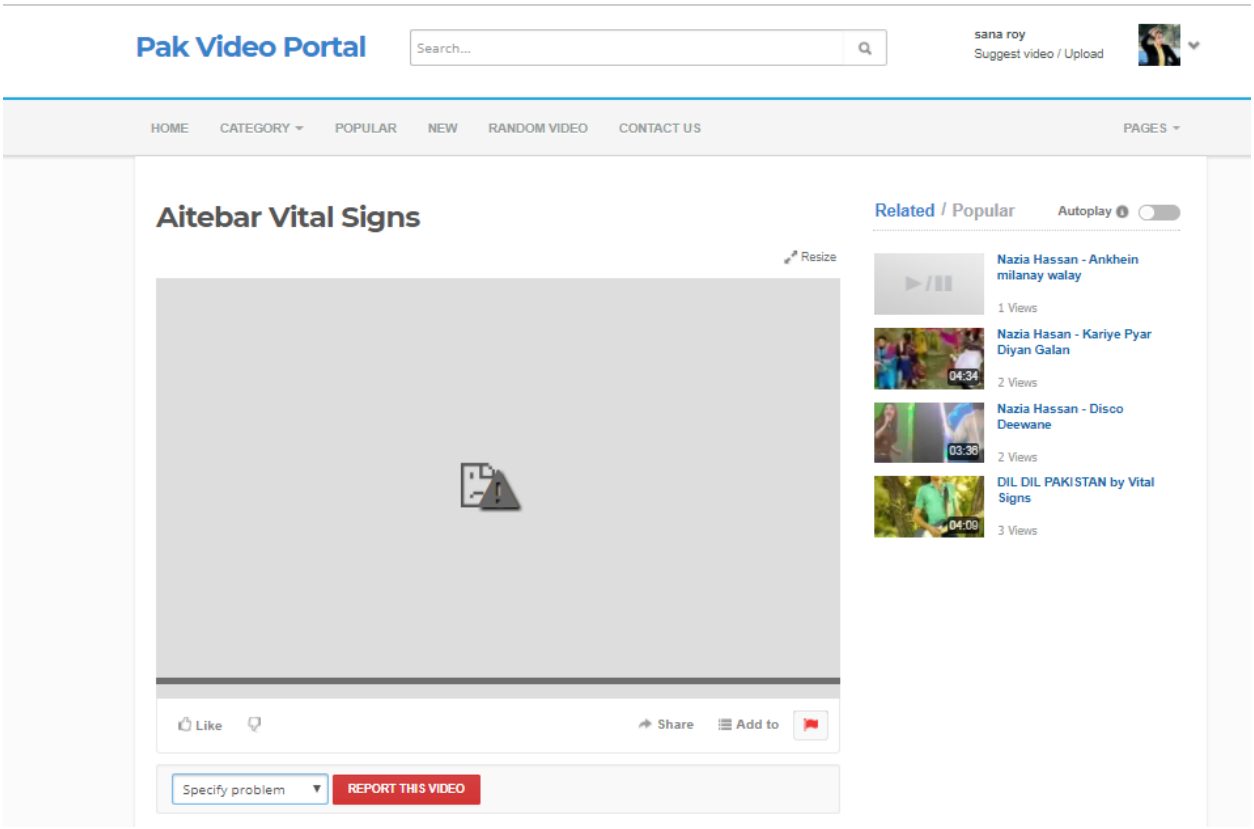

Figure_4. 18 Report the video screen

Screenshot of search log Screen:

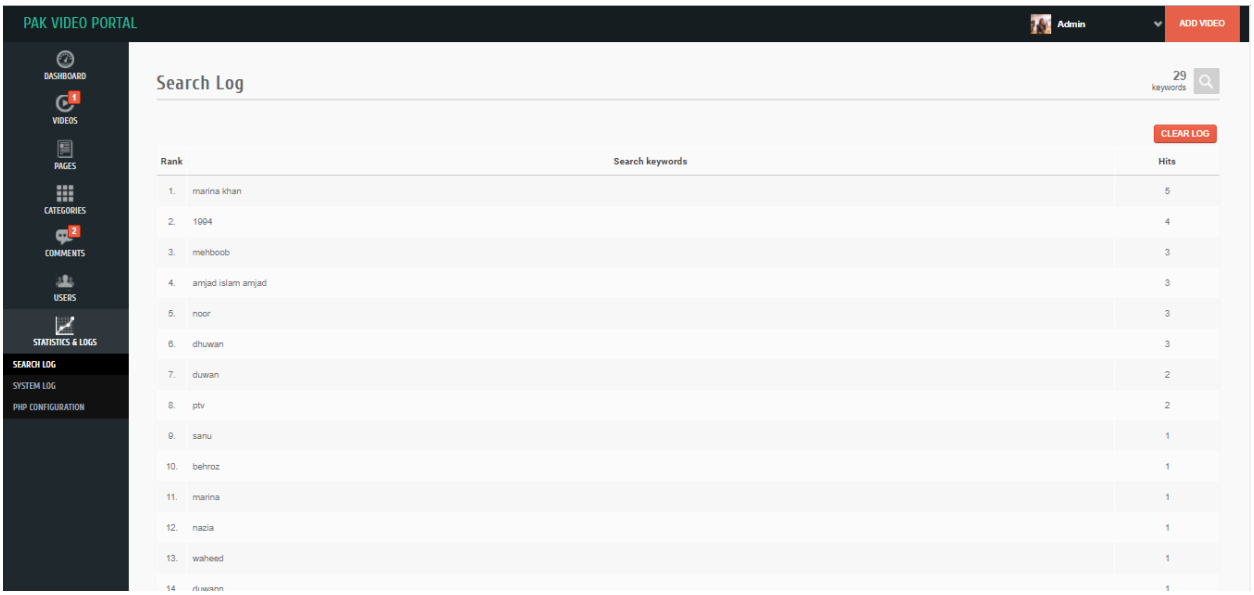

Figure_4. 19 Search log screen

Screenshot of statistics and logs Screen:

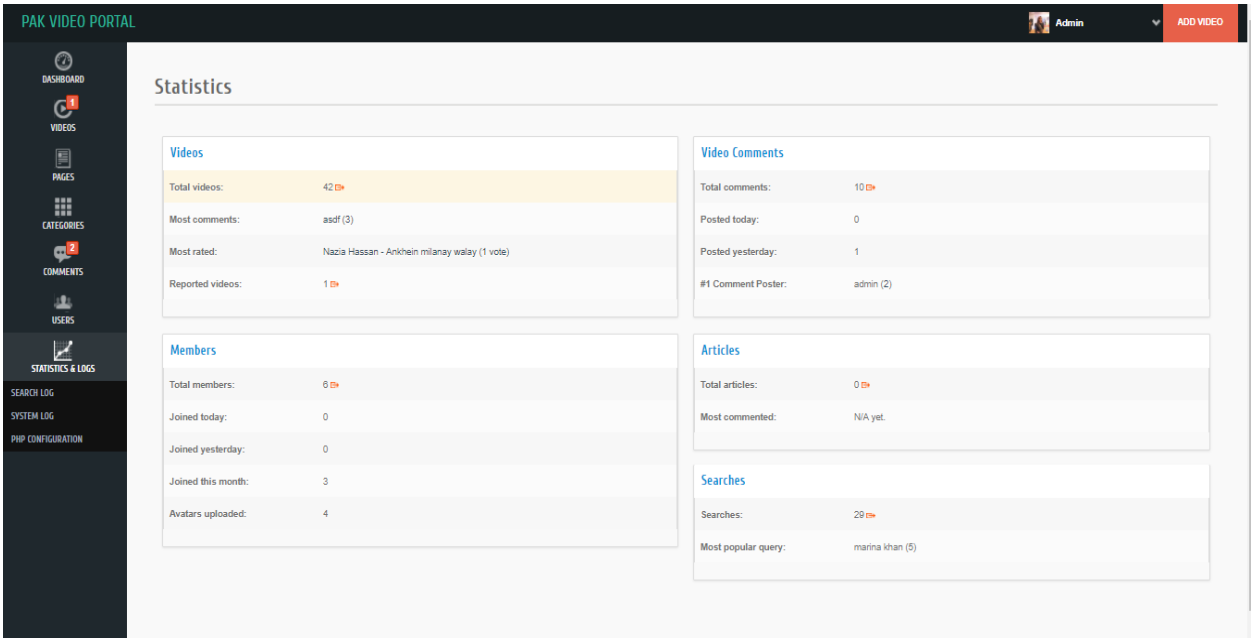

Figure_4. 20 Statistics and log screen

Screenshot of system log Screen:

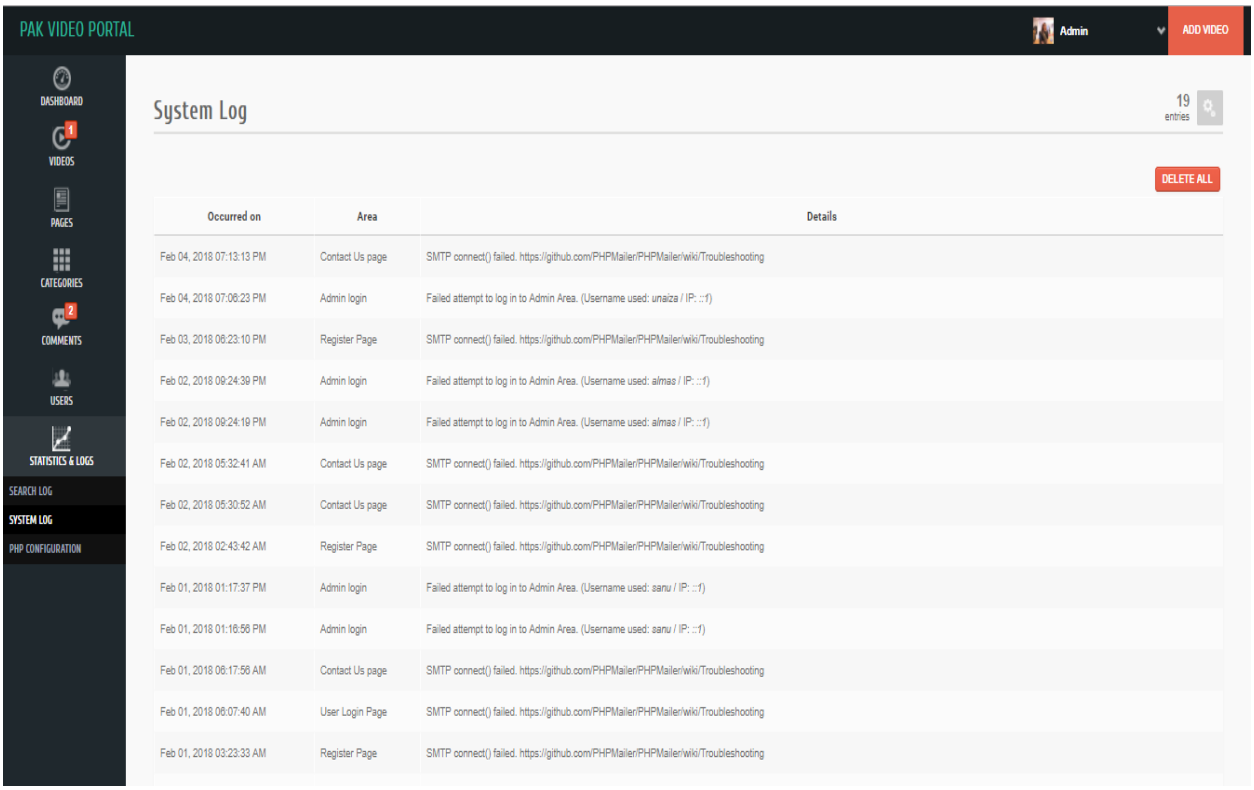

Figure_4. 21 System log screen

Screenshot of suggest video by URL Screen:

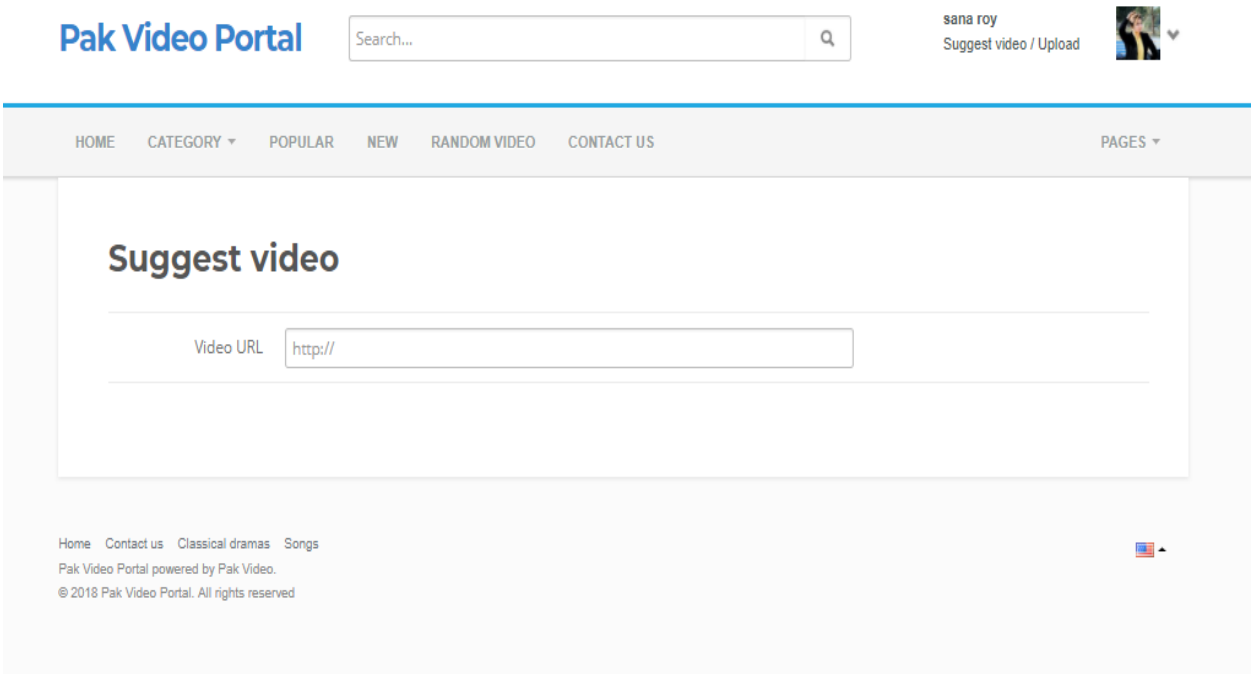

Figure_4. 22 Suggest video by URL screen

Screenshot of upload from device Screen:

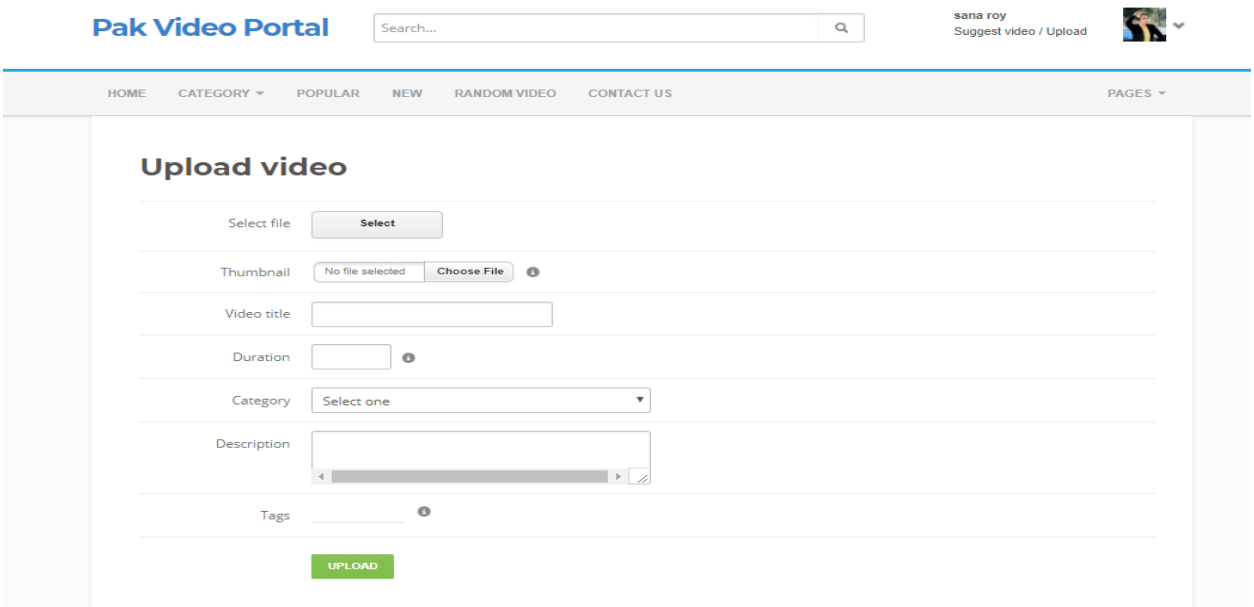

Figure_4. 23 Upload video from device screen

Screenshot of profile Screen:

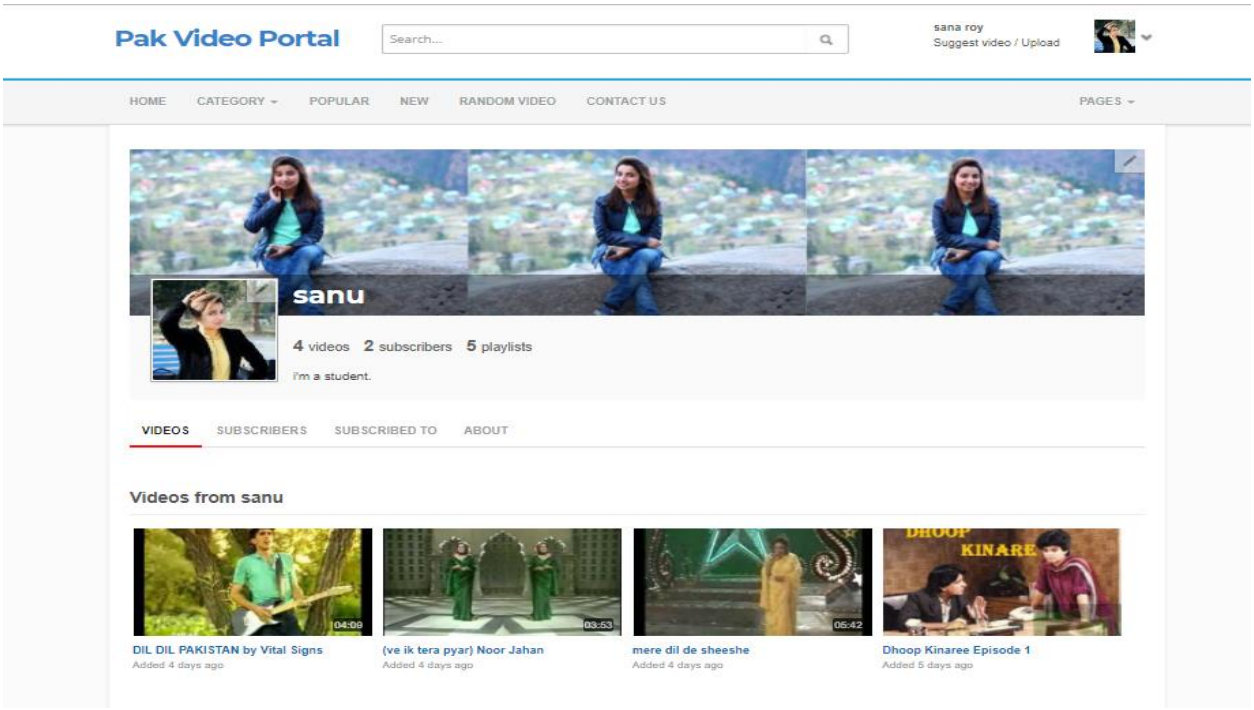

Figure_4. 24 Edit profile screen

Screenshot of contact us Screen:

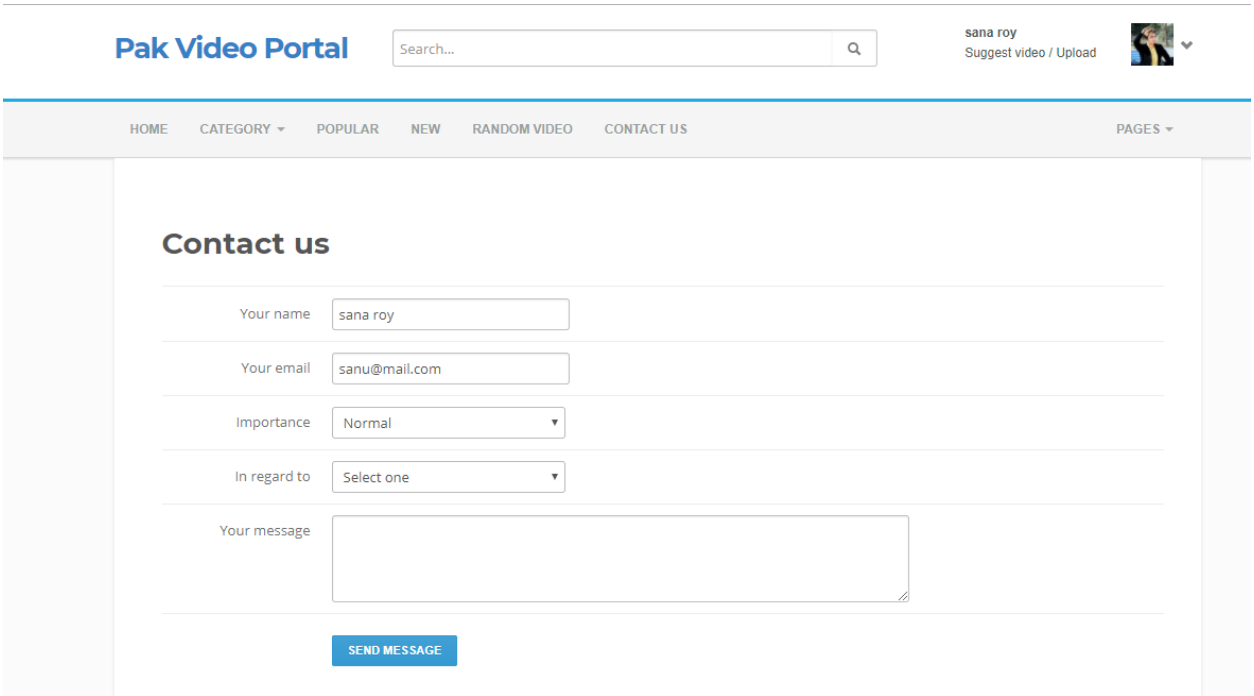

Figure_4. 25 Contact Us Screen

Screenshot of videos pending approval Screen:

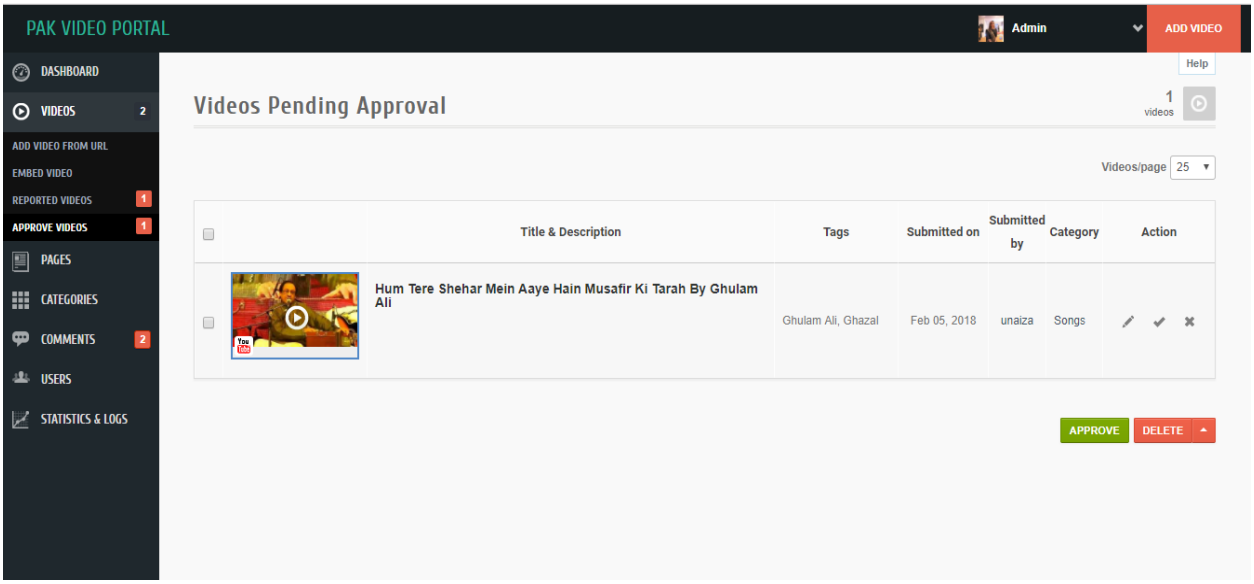

Figure_4. 26 Pending approval screen

Screenshot of admin view all categories Screen:

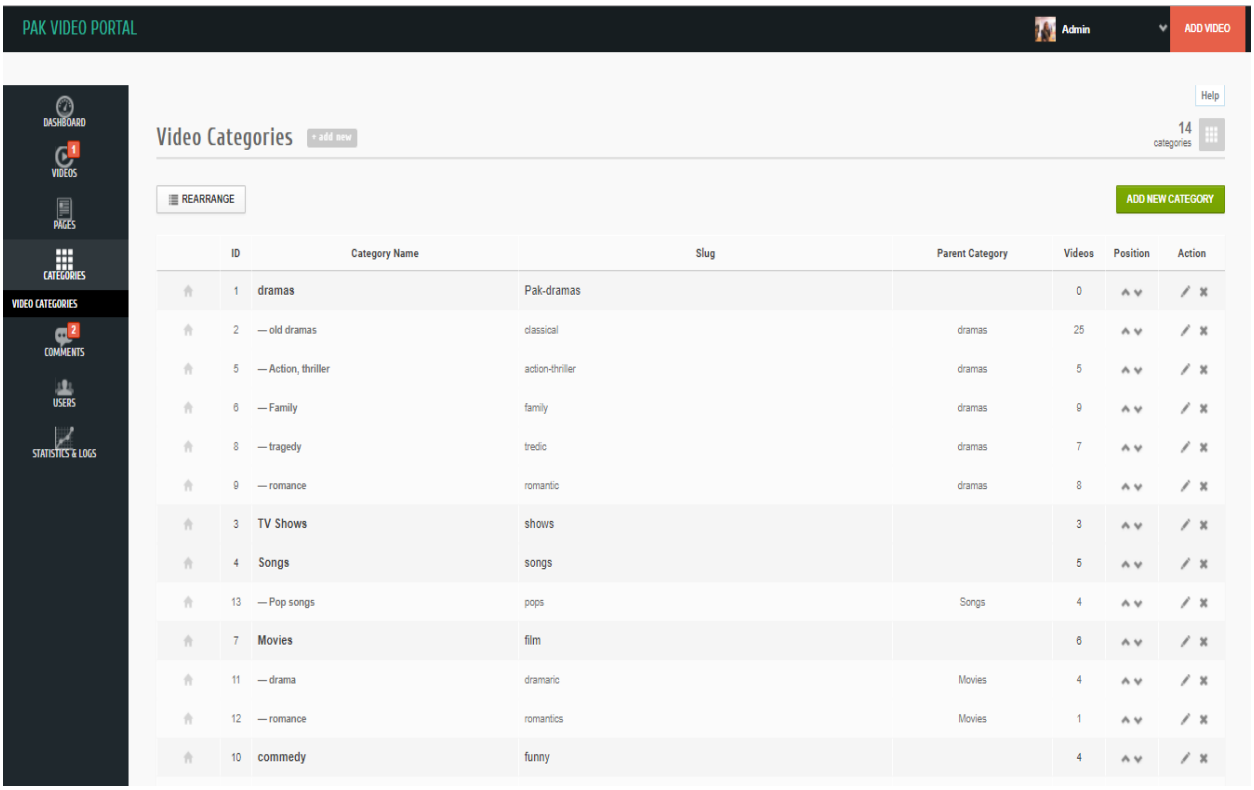

Figure_4. 27 View all categories screen

Screenshot of admin views all comments Screen:

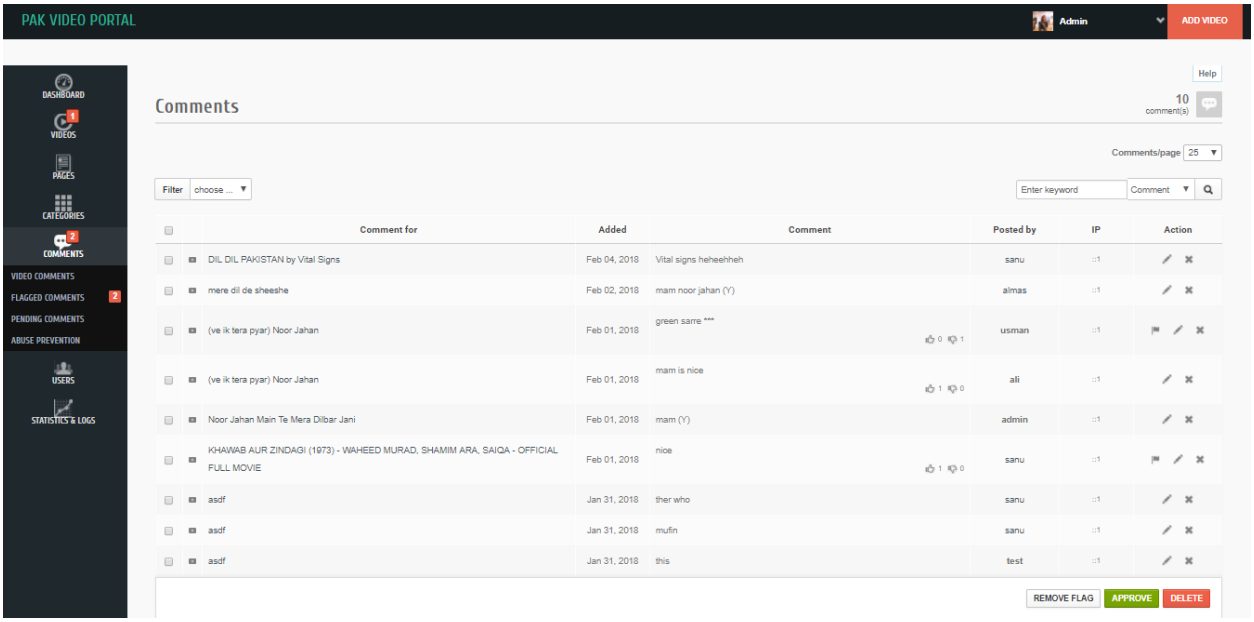

Figure_4. 28 View all comments screen

Screenshot of Home Screen:

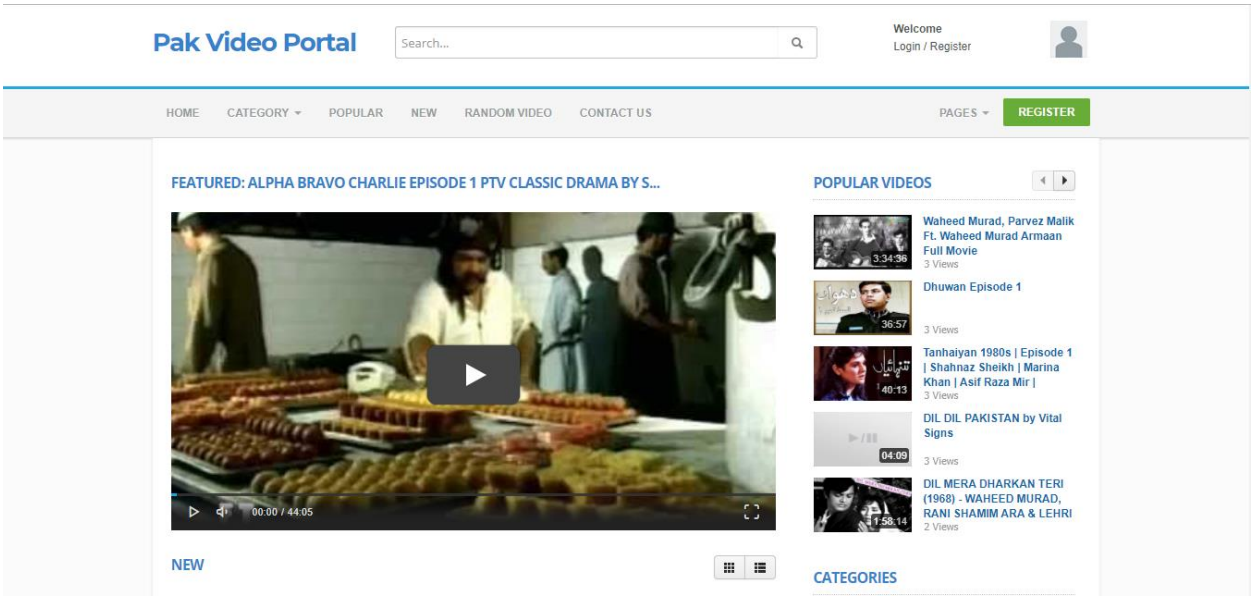

Figure_4. 29 Home screen

Chapter 5

Software Test Documentation

5.1 Introduction

Software test document is a type of document under which tester will determine whether a system under test satisfies requirements or works correctly. The process of developing test cases can also help find problems in the requirements or design of an application. This section describes the objectives and extent of the tests. The goal is to provide a framework that can be used by managers and testers to plan and execute the necessary tests in a timely and cost-effective manner.

5.2 System Overview

This section, focusing on the structural aspects of testing, provides an overview of the system in terms of the components that are tested during the acceptance test.

5.2.1 Test Approach

The choice of test approaches or test strategy is one of the most powerful factor in the success of the test effort and the accuracy of the test plans and estimates. This factor is under the control of the testers and test leaders.

5.2.2 Acceptance test

We are follow the acceptance test approach which performed to determine whether or not the software system has met the requirement specifications. The main purpose of this test is to evaluate the system's compliance with the business requirements and verify if it is has met the required criteria for delivery to end users [6].

Acceptance test is useful because:

- It capture user requirements in a directly verifiable way,
- It identify problems which unit or integration tests might have missed,
- It they provide an overview on how “done” the system is

5.3 Test Plan

The test plan focusing on the functional aspects of testing, identifies all features and combinations of features to be tested. It also describes all those features that are not to be tested and the reasons for not testing them.

5.3.1 Features to be tested

The following is a list of areas to be focused on during testing of the application.

- Login
- Logout
- Register
- Upload video
- Edit video
- Delete video
- View video
- Approve video
- Search video
- Comment on video
- Edit profile
- Block the user
- Subscribe user
- Unsubscribe user
- Create playlist
- Add videos in playlist
- Suggest video
- Report video

5.3.2 Features not to be tested

Power consumption: This feature is not to be test because it is not in our scope.

Memory usage: This feature is not test that how much memory consumed by Portal.

5.3.3 Testing Tools and Environment

Following tools and environments are used for testing

- Web browser
- PC/Laptop
- Windows operating system

5.3.4 Test Cases

A test case describes an input, action, or event and an expected response, to determine if a feature of a software application is working correctly. A test case may contain particulars such as test case id, test case name, purpose, input data requirements, steps, and expected results. The level of detail may vary significantly depending on the organization and project context.

TC-1: Login

Table 5.1 is a test case for login. This test case tells us about testing of login scenario.

Table_5. 1TC for Login

TC-1: Login			
Test case Id	TC-01		
Actor	Admin, user		
Description	Users sign in to the system.		
Input	**Expected Output**	**Actual Output**	**Verdict**
User enter correct username and password	User login to account	User successfully login in to system	Pass
User enter wrong user name and password	User not logged in	User not logged in	Fail

TC-2: Logout

Table 5.2 is a test case for logout. This test case tells us about testing of logout scenario.

Table_5. 2TC for Logout

TC-2: Logout			
Test case Id	TC-02		
Actor	Admin, user		
Description	Logout from account.		
Input	**Expected Output**	**Actual Output**	**Verdict**
User press logout button	Login screen will appear	As expected	Pass
User click on logout and enter the URL of the same site in next tab	Site should display the login page	As expected	Pass

TC-3: Register the Users

Table 5.3 is a test case for register the user. This test case tells us about testing of the registration of the user scenario.

Table_5. 3TC for Register the User

TC-3: Register User			
Test case Id	TC-03		
Actor	Admin, user		
Description	User registers for the system.		
Input	**Expected Output**	**Actual Output**	**Verdict**
User enter correct information	Registration successfully	As excepted	Pass
User enter wrong information.	Registration not done	As expected	Pass

TC-4: Upload Video

Table 5.4 is a test case for uploading video. This test case tells us about testing of uploading video scenario.

Table_5. 4TC for Upload Video

TC-4: Upload Video			
Test case Id	TC-04		
Actor	Admin		
Description	Admin uploads the video		
Input	**Expected Output**	**Actual Output**	**Verdict**
Admin upload the video “abc”	Upload successfully	Uploading successfully	Pass
Admin upload the video “abc”	Upload successfully	Uploading failed	Fail

TC-5: Suggest Video

Table 5.5 is a test case for suggest video. This test case tells us about testing of suggesting the video scenario.

Table_5. 5TC for Suggest Video

TC-5: Suggest Video			
Test case Id	TC-05		
Actor	User		
Description	User suggests the video		
Input	**Expected Output**	**Actual Output**	**Verdict**
User upload the video “abc”	Upload successfully	Uploading successfully	Pass
User upload the video “abc”	Upload done	Uploading failed	Fail

TC-6: Edit Video

Table 5.6 is a test case for edit video. This test case tells us about testing of editing video scenario.

Table_5. 6TC for Edit Video

TC-6: Edit Video			
Test case Id	TC-06		
Actor	Admin, user		
Description	Actor can edit video		
Input	**Expected Output**	**Actual Output**	**Verdict**
Actor edits the information about "xyz" video	Edited successfully	Updating successfully	Pass
Actor edits the information about "xyz" video	Edited successfully	Updating failed	Fail

TC-7: Delete Video

Table 5.7 is a test case for delete video. This test case tells us about testing of deleting video scenario.

Table_5. 7TC for Delete Video

TC-7: Delete Video			
Test case Id	TC-07		
Actor	Admin		
description	Admin can delete video		
Input	**Expected Output**	**Actual Output**	**Verdict**
Admin deletes the "xyz" video	Deleted successfully	Deleting success	Pass
Admin deletes the "xyz" video	Deleted successfully	Deleting failed	Fail

TC-8: View Video

Table 5.8 is a test case for view video. This test case tells us about testing of viewing the video scenario.

Table_5. 8TC for View Video

TC-8: View Video	
Test case Id	TC-08
Actor	Admin, user and visitor

Description	Actors selects video to view		
Input	**Expected Output**	**Actual Output**	**Verdict**
Actor selects video “abc”to view	Viewed successfully	Viewed successfully	Pass
Actor selects video “abc” to view	Viewed successfully	Selected video not found	Fail

TC-9: Search Video

Table 5.9 is a test case for search the video. This test case tells us about testing of searching video scenario.

Table_5. 9TC for Search Video

TC-9: Search Video			
Test case Id	TC-09		
Actor	Admin, user and visitor		
Description	Actors searches video to view		
Input	**Expected Output**	**Actual Output**	**Verdict**
Actor searched video “abc” to view	Searched successfully	Searched successfully	Pass
Actor searched video “abc” to view	Searched successfully	Searched video not found	Fail

TC-10: Approve Video

Table 5.10 is a test case for approve video. This test case tells us about testing of approving videos scenario.

Table_5. 10TC for Approve Video

TC-10: Approve Video			
Test case Id	TC-10		
Actor	Admin		
Description	Admin approves the suggested video		
Input	**Expected Output**	**Actual Output**	**Verdict**
Admin approved video “abc”	Approved successfully	Approved successfully	Pass
Admin approved video “abc”	Approved successfully	Approving failed	Fail

TC-11: Comment on Video

Table 5.11 is a test case for comment on video login. This test case tells us about testing of comment on the video scenario.

Table_5. 11TC for Comment on Video

TC-11: Comment on Video			
Test case Id	TC-11		
Actor	Admin, user and visitor		
Description	Actor can write comment on video		
Input	**Expected Output**	**Actual Output**	**Verdict**
Actor writes "abc" comment on "xyz" video	Comment uploaded successfully	Comment uploaded successfully	Pass
Actor writes "abc" comment on "xyz" video	Comment uploaded successfully	Comment uploading failed	Fail

TC-12: Edit Profile

Table 5.12 is a test case for edit profile. This test case tells us about testing of edit profile scenario.

Table_5. 12TC for Edit Profile

TC-12: Edit Profile			
Test case Id	TC-12		
Actor	Admin, user		
Description	Actors can edit their profiles		
Input	**Expected Output**	**Actual Output**	**Verdict**
Actor edits their "xyz" information	Edited successfully	Updating successfully	Pass
Actor edits their "xyz" information	Edited successfully	updating failed	Fail

TC-13: Block the User

Table 5.13 is a test case for block the user. This test case tells us about testing of blocking the user scenario.

Table_5. 13TC for Block the User

TC-13: Block the User	
Test case Id	TC-13
Actor	Admin

Description	Admin can block the user		
Input	**Expected Output**	**Actual Output**	**Verdict**
Admin blocks "abc" user	Blocked successfully	Blocked successfully	Pass
Admin blocks "abc" user	Blocked successfully	Blocking failed	Fail

TC-14: Subscribe User

Table 5.14 is a test case for subscribe the user. This test case tells us about testing of subscribing the user scenario.

Table_5. 14TC for Subscribe User

TC-14: Subscribe User			
Test case Id	TC-14		
Actor	Admin, user		
description	Actor can subscribe other users		
Input	**Expected Output**	**Actual Output**	**Verdict**
Actor subscribe the "a" user	Subscribed successfully	Subscribed successfully	Pass
Actor subscribe the "a" user	Subscribed successfully	Subscribing failed	Fail

TC-15: Unsubscribe User

Table 5.15 is a test case for unsubscribe the subscribed user. This test case tells us about testing of unsubscribing the subscribed user scenario.

Table_5. 15TC for Unsubscribe User

TC-15: Unsubscribe User			
Test case Id	TC-15		
Actor	Admin, user		
Description	Actor can unsubscribe other users		
Input	**Expected Output**	**Actual Output**	**Verdict**
Actor unsubscribe the "a" user	Unsubscribed successfully	Unsubscribed successfully	Pass
Actor unsubscribe the "a" user	Unsubscribed successfully	Unsubscribing failed	Fail

TC-16: Report Video

Table 5.6 is a test case for report the video. This test case tells us about testing of reporting the video scenario.

Table_5. 16TC for Report Video

TC-16: Report Video			
Test case Id	TC-16		
Actor	Admin, user and visitor		
Description	Actor can report video		
Input	**Expected Output**	**Actual Output**	**Verdict**
Actor reports "xyz" video	Reported successfully	Reported successfully	Pass
Actor reports "xyz" video	Reported successfully	Reporting failed	Fail

TC-17: Create Playlist

Table 5.17 is a test case for create playlist. This test case tells us about testing of creating playlist scenario.

Table_5. 17TC for Create Playlist

TC-17: Create Playlist			
Test case Id	TC-17		
Actor	Admin, user		
Description	Actor can create playlist		
Input	**Expected Output**	**Actual Output**	**Verdict**
Actor creates "xyz" playlist	Playlist created successfully	Playlist created successfully	Pass
Actor creates "xyz" playlist	Playlist created successfully	Playlist creating failed	Fail

TC-18: Add Video to Playlist

Table 5.18 is a test case for add video to playlist. This test case tells us about testing of adding video to playlist scenario.

Table_5. 18TC for Add Video to Playlist

TC-18: Add Video to Playlist			
Test case Id	TC-17		
Actor	Admin, user		
Description	Actor can add video to playlist		
Input	**Expected Output**	**Actual Output**	**Verdict**
Actor adds "xyz" videos to "abc" playlist	Video added successfully	Video added successfully	Pass
Actor adds "xyz" videos to "abc" playlist	Video added successfully	Video adding failed	Fail

5.4 Future Enhancements

In future portal can be enhanced by:

- One can add videos by keyword from YouTube
- Uploading is provided by csv
- Videos with subtitles
- Quality of videos
- Live streaming

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