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.

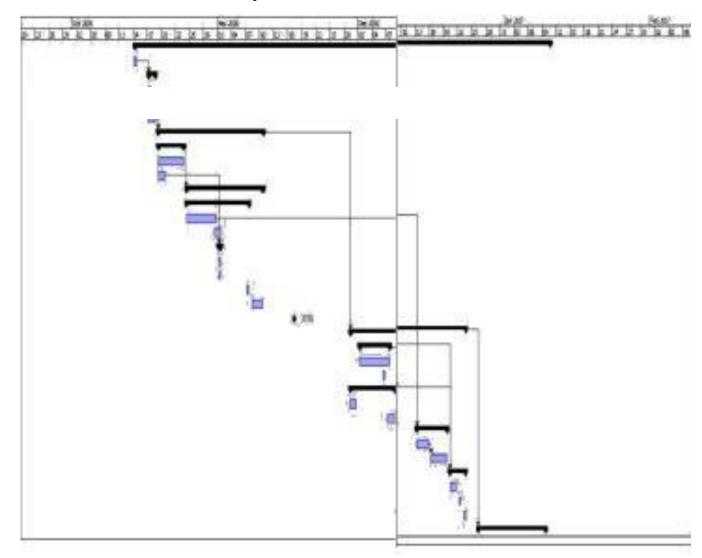
> Documentation schedule and time table:

		6	Name	Duration	Start	Finish	Predecesso
1	1		Pakistani Video Entertainment Portal	66 days?	2/27/17 8:00 AM	5/29/17 5:00 PM	
2	1		Understand Problem	1 day?	2/27/17 8:00 AM	2/27/17 5:00 PM	
3	Ö	1	Making of SPMP Doucment	6 days?	2/28/17 8:00 AM	3/7/17 5:00 PM	2
4	1		□ Analysis Phase	30 days?	3/8/17 8:00 AM	4/18/17 5:00 PM	
5	Ö	1	Gather Requirements	2 days?	3/8/17 8:00 AM	3/9/17 5:00 PM	
6	Ö	1	Refine Requirements	2 days?	3/10/17 8:00 AM	3/13/17 5:00 PM	5
7	Ö	1	Making of Document V1	1 day?	3/15/17 8:00 AM	4/18/17 5:00 PM	5;6
8	Ö	1	□ Identify Specific Requirements	25 days?	3/15/17 8:00 AM	3/16/17 5:00 PM	
9	1		External Interface Requirements	2 days?	3/15/17 8:00 AM	3/15/17 5:00 PM	
10	1		User Interface	1 day?	3/15/17 8:00 AM	3/15/17 5:00 PM	
11	1		Hardware Interface	1 day?	3/15/17 8:00 AM	3/15/17 5:00 PM	
12	1		Software Interface	1 day?	3/15/17 8:00 AM	3/15/17 5:00 PM	
13	1		Communication Protocols	1 day?	3/16/17 8:00 AM	3/16/17 5:00 PM	
14	ö	1	Making of Document V2	1 day?	3/15/17 8:00 AM	3/30/17 5:00 PM	7; 10; 11; 12; 13
15	1		Software Product Features	12 days?	3/15/17 8:00 AM	3/16/17 5:00 PM	
16	ö	1	Identiy Use Cases	2 days?	3/17/17 8:00 AM	3/28/17 5:00 PM	
17	8	1	Refine Use Cases	8 days?	3/29/17 8:00 AM	3/30/17 5:00 PM	16
18	8	1	Making of Document V3	2 days?	3/30/17 8:00 AM	4/4/17 5:00 PM	14;16
19	1	-	□ Software System Functions	4 days?	3/30/17 8:00 AM	3/31/17 5:00 PM	
20	T		Identify System Functions	2 days?	4/3/17 8:00 AM	4/3/17 5:00 PM	
21		1	Refine System Functions		4/4/17 8:00 AM	4/4/17 5:00 PM	20
22	8	1	Making of Document V4	1 day?	4/5/17 8:00 AM	4/6/17 5:00 PM	20;21;18
23	8		□ Identify Software System Attributes		4/5/17 8:00 AM	4/5/17 5:00 PM	
24	1	· ·	Reliability		4/5/17 8:00 AM	4/5/17 5:00 PM	
25	1		Availability		4/5/17 8:00 AM	4/5/17 5:00 PM	
26	1		Security		4/5/17 8:00 AM	4/5/17 5:00 PM	
27	1		Maintainability		4/5/17 8:00 AM	4/5/17 5:00 PM	
28	1		Portability		4/5/17 8:00 AM	4/5/17 5:00 PM	
29	Ť	1	Making of Document V5		4/6/17 8:00 AM	4/6/17 5:00 PM	22;24;25;26
30	8		Database Requirements		4/7/17 8:00 AM	4/10/17 5:00 PM	22/2 1/25/2511
31		~	Identify Database Requirements		4/7/17 8:00 AM	4/7/17 5:00 PM	
32	2		Making of Document V6		4/10/17 8:00 AM	4/10/17 5:00 PM	29:31
33		1	Making of Final SRS Document		4/11/17 8:00 AM	4/18/17 5:00 PM	25,51
34		~	Refining SRS Document		4/11/17 8:00 AM	4/18/17 5:00 PM	32
35	Ť	1	Design Phase		4/19/17 8:00 AM	5/29/17 5:00 PM	52
36	1		Develop Design	-	4/19/17 8:00 AM	5/5/17 5:00 PM	
37	5		Develop Architectural Design		4/19/17 8:00 AM	4/20/17 5:00 PM	
38	Ť	2	Review Architectural Design		4/21/17 8:00 AM	4/24/17 5:00 PM	37
39	8		Develop Interface Design		4/25/17 8:00 AM	4/26/17 5:00 PM	57
39 40			Review Interface Design		4/25/17 8:00 AM	4/28/17 5:00 PM	39
40 41			Create Sequence Diagram		5/1/17 8:00 AM	5/2/17 5:00 PM	35
42	8	*	Create Design Class Diagram		5/3/17 8:00 AM	5/5/17 5:00 PM	
43		•	Develop Algorithms		5/8/17 8:00 AM	5/5/17 5:00 PM	
44	7	1	Draw Flow Chart		5/8/17 8:00 AM		
44 45			Write Pseudo Code			5/9/17 5:00 PM	44
45 46			Review Pseudo Code		5/10/17 8:00 AM	5/12/17 5:00 PM	45
40 47			Draw Decision Table		5/15/17 8:00 AM	5/16/17 5:00 PM	
48		-	Review Decision Table		5/17/17 8:00 AM 5/19/17 8:00 AM	5/18/17 5:00 PM	47
48 49		-	Evaluate Design			5/22/17 5:00 PM	7/
	✓		Validate Design		5/23/17 8:00 AM	5/29/17 5:00 PM	
50			-		5/23/17 8:00 AM	5/24/17 5:00 PM	
51 52	0		Verify Design		5/25/17 8:00 AM	5/26/17 5:00 PM	
		*	Review & Refine Design		5/29/17 8:00 AM	5/29/17 5:00 PM	
53	Ö	1	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	P1
	create their account.	
Req-02	Users can login.	P1
Req-03	Only admin can upload the video and approve	P1
	videos.	
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	P2
_	comments.	
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 I other users.	
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 I name, writer's name, by year.	

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

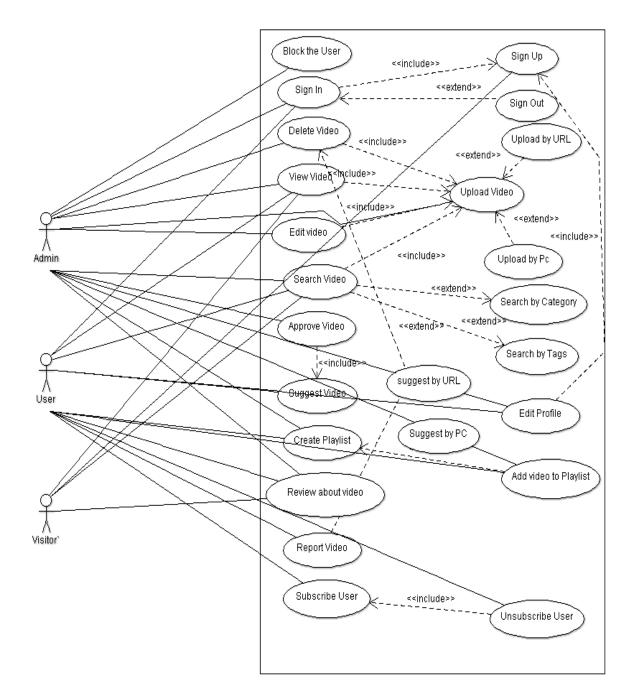
> Visitor

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.

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

Table_2. 1 UC for Register User

UC-2: Edit Profile

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

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				

Table_2. 3UC for Login

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.

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				

Table_2. 4 UC for Logout

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.

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.	

Table_2. 6 UC for U	pload Video by URL
---------------------	--------------------

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	2. 7	UC for	Upload	Video from	Device
---------	------	--------	--------	------------	--------

UC-7: Upload Video fro	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.

UC-8: Suggest video from URL				
Primary actor User				
Goal in context	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			

				~	_			
Table_	2.	8	$UC_{.}$	for	Suggest	Video	from	URL

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.

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	

Table_2. 9 UC for Suggest Video from Device

UC-10: Create Playlist

This is the scenario of creating playlist.

Table_2	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.

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	

Table_2. 11 UC for Add Video in Playlist

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.

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		

Table_2. 13 UC for Approve Video

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.

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	

Table_2. 15 UC for Comment on Video

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.

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

Table_2. 17 UC for Dislike Video

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.

UC-19: Dislike commen	t		
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.

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		

Table_	2.	20	UC for L	Spam	Comment
--------	----	----	----------	------	---------

UC-21: Subscribe User

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

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		

Table_	_2. 2	UC	for	Subsc	ribe	User
--------	-------	----	-----	-------	------	------

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 Use	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.

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.

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.

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

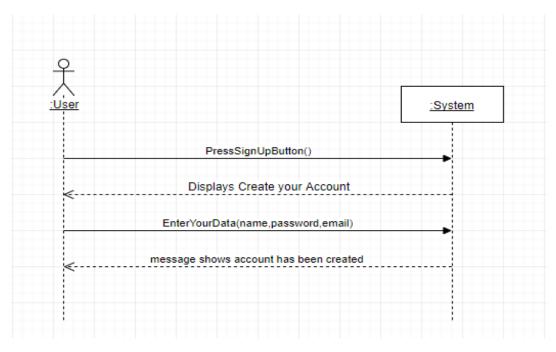
Software Design Description

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

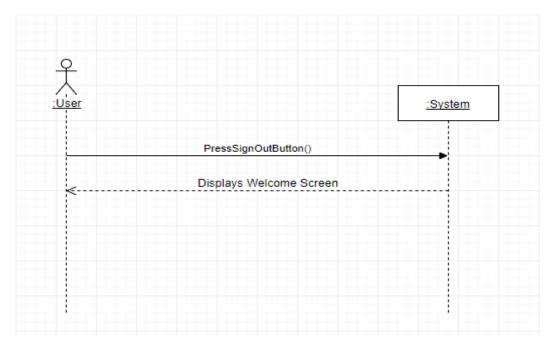
A system sequence diagram is a picture that shows, for a particular scenario of a use case, the events that external actors generate, their order, and inter-system events. All systems are treated as a black box; the emphasis of the diagram is events that cross the system boundary from actors to systems^[3].



SSD for Login:

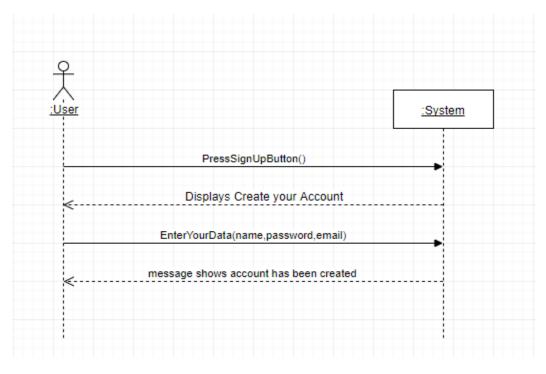
Figure_3. 1 SSD for Login

SSD for Logout:



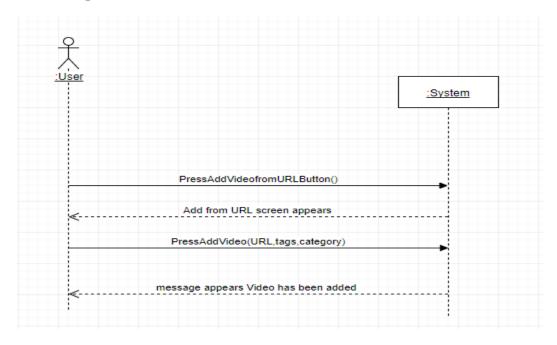
Figure_3. 2 SSD for Logout

SSD for Registration:



Figure_3. 3 SSD for Registration

SSD for Upload Video from URL:



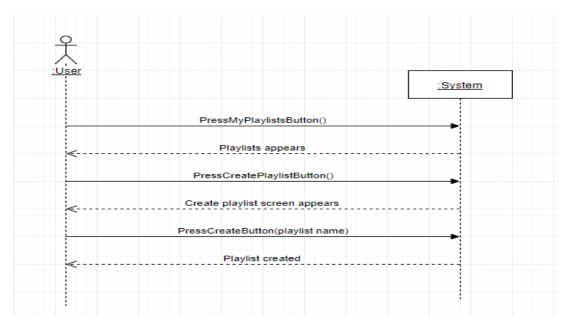
Figure_3. 4 SSD for Upload Video from URL

SSD for Upload Video from Device:



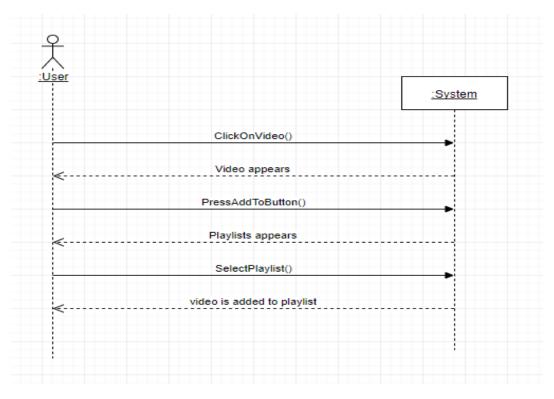
Figure_3. 5 SSD for Upload Video from Device

SSD for Create Playlist:



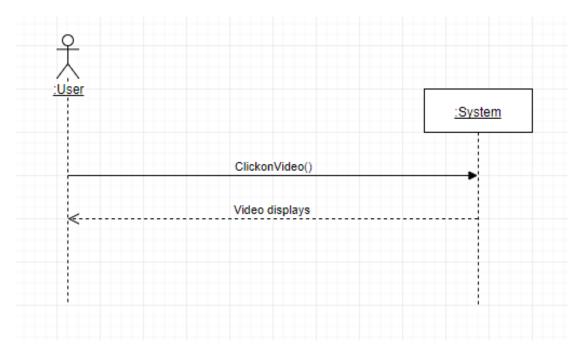
Figure_3. 6 SSD for Create Playlist





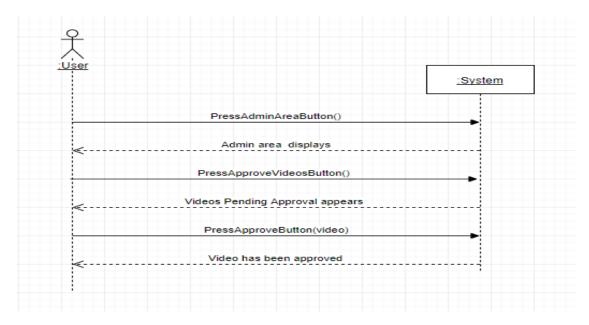
Figure_3. 7 SSD for Add Video to Playlist

SSD for View Video:

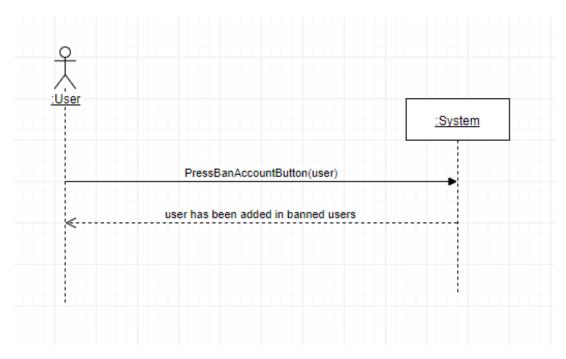


Figure_3. 8 SSD for View Video

SSD for Approve Video:



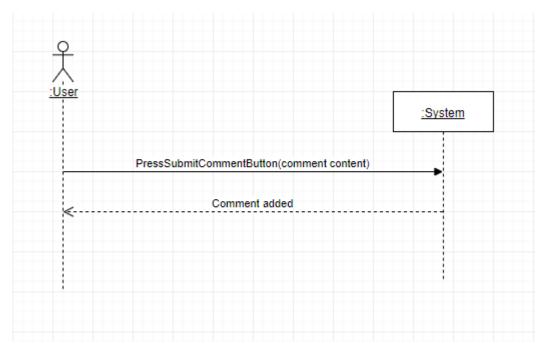
Figure_3. 9 SSD for Approve Video



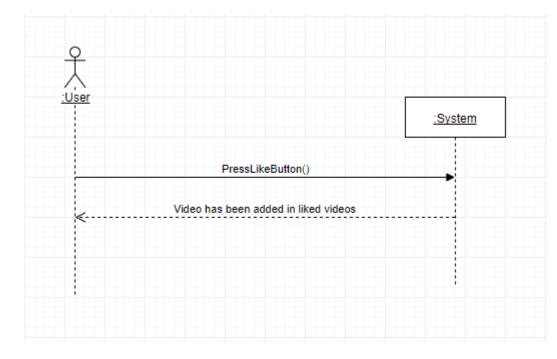
SSD for Block User:



SSD for Comment on Video:



Figure_3. 11 SSD for Comment on Video



SSD for Like Video:

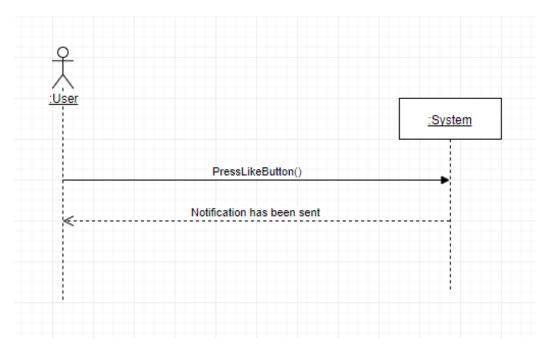




SSD for Dislike Video:

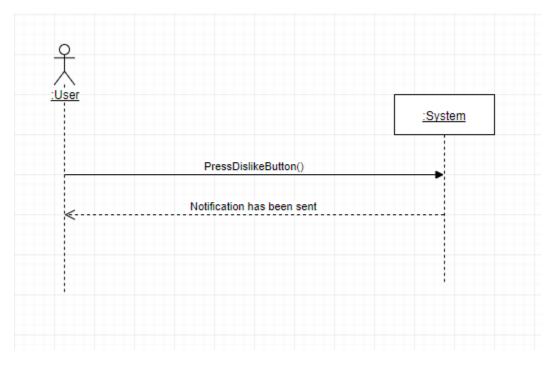
Figure_3. 13 SSD for Dislike Video

SSD for Like Comment:



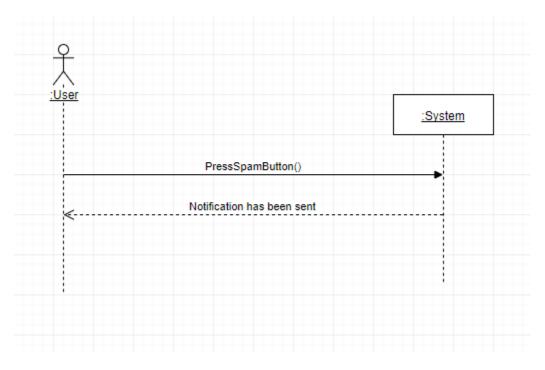
Figure_3. 14 SSD for Like Comment

SSD for Dislike Comment:



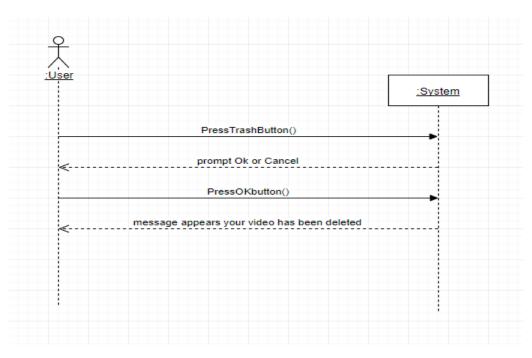
Figure_3. 15 SSD for Dislike Comment

SSD for Spam Comment:



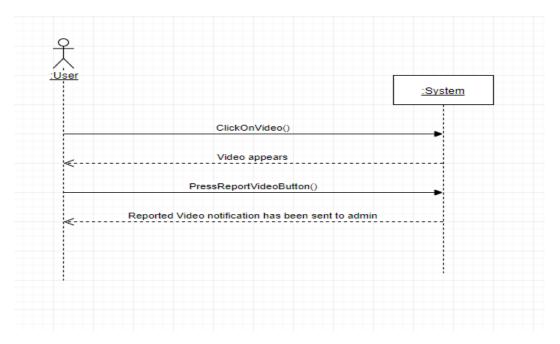
Figure_3. 16 SSD for Spam the Comment





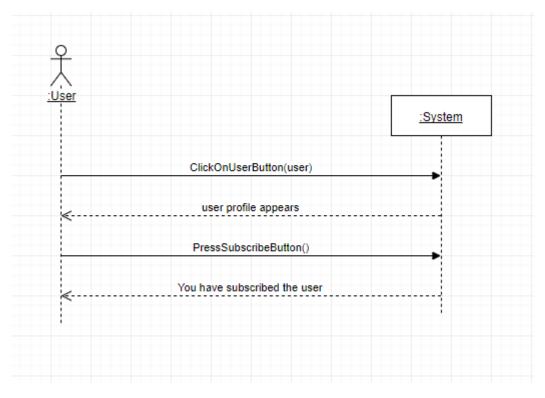
Figure_3. 17 SSD for Delete Video

SSD for Report Video:



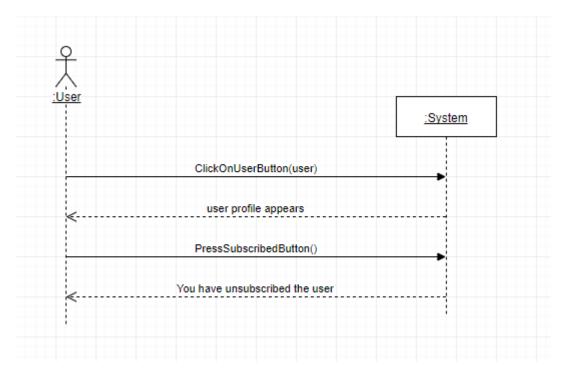
Figure_3. 18 SSD for Report Video

SSD for Subscribe User:



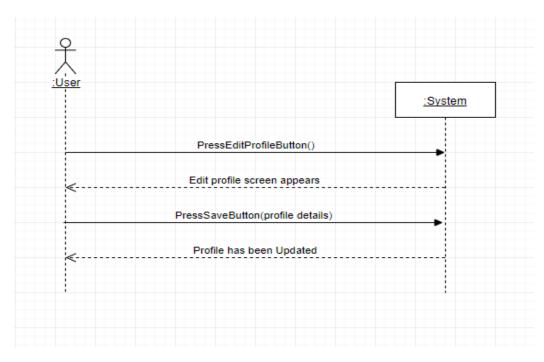
Figure_3. 19 SSD for Subscribe User

SSD for Unsubscribe User:



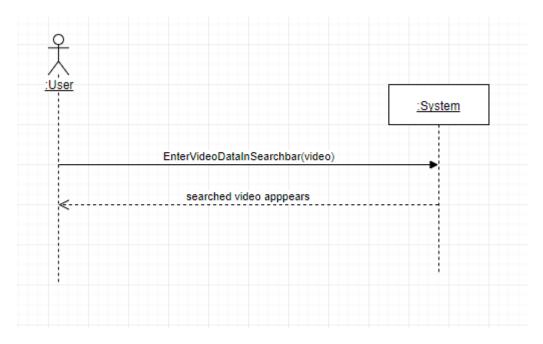
Figure_3. 20 SSD for Unsubscribe User

SSD for Edit Profile:



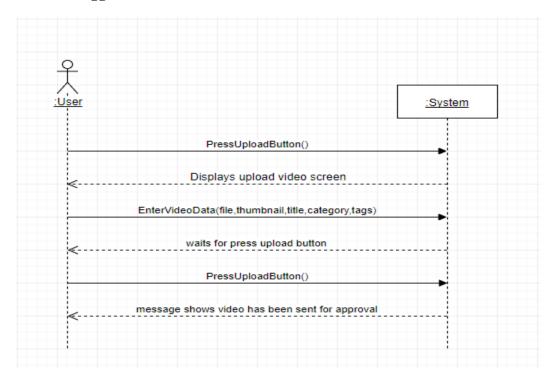
Figure_3. 21 SSD for Edit Profile

SSD for Search Video:



Figure_3. 22 SSD for Search Video

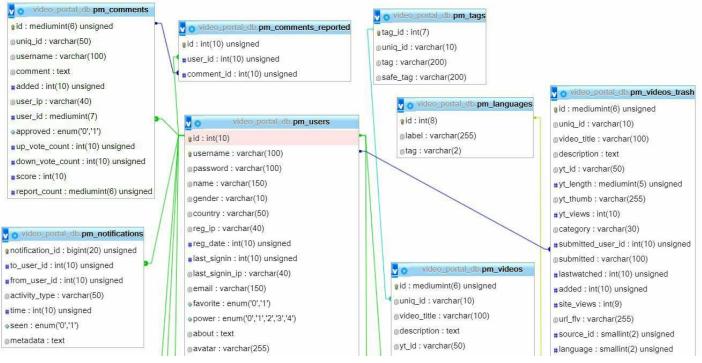
SSD for Suggest video:



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].





Chapter 3

Software Design Description



activation_key : varchar(20)
new_password : varchar(32)
#followers_count : int(10) unsigned
#following_count : int(10) unsigned
#unread_notifications_count : int(10) unsigned
social_links : text
channel_slug : varchar(255)
channel_cover : varchar(255)
channel_verified : enum('0','1')
channel_featured : enum('0','1')
channel_settings : text

♥id : int(5) ●url : varchar(255) ●video_title : varchar(255)

video_portal_db.pm_temp

@description : text
#yt_length : mediumint(5) unsigned
@tags : varchar(255)

Figure_3. 24(b) Database Design

#yt_length : mediumint(5) unsigned @yt_thumb : varchar(255) #yt_views : int(10) @category : varchar(30) #submitted_user_id : int(10) unsigned submitted : varchar(100) #lastwatched : int(10) unsigned #added : int(10) unsigned site views : int(9) @url_flv : varchar(255) source_id : smallint(2) unsigned #language : smallint(2) unsigned age_verification : enum('0','1') #last_check : int(10) unsigned #status : tinyint(1) unsigned ofeatured : enum('0'.'1') orestricted : enum('0','1') allow_comments : enum('0','1') allow_embedding : enum('0','1') ovideo_slug : varchar(255)

allow_comments : enum('0','1') allow_embedding : enum('0','1') video_slug : varchar(255)

age verification : enum('0','1')

alast_check : int(10) unsigned

status : tinyint(1) unsigned

ofeatured : enum("0'.'1")

orestricted : enum('0','1')

@mp4 : varchar(255)

@direct : varchar(255)

video_portal_db.pm_categories

@id : smallint(3) unsigned #parent_id : smallint(3) unsigned @tag : varchar(50) mame : varchar(50) #published_videos : int(7) unsigned #total_videos : int(7) #position : mediumint(6) unsigned @description : text

🗸 👩 video_portal_db.pm_playlists

@ list_id : int(10) unsigned list_uniq_id : varchar(25) # user_id : int(10) unsigned # type : smallint(2) # items_count : int(10) unsigned # date : int(10) unsigned # visibility : smallint(2) sorting : varchar(50) title : varchar(255) description : text thumb_source : varchar(50)

video_portal_db.pm_temp vid : int(5)

ud : int(0)
uurl : varchar(255)
video_title : varchar(255)
description : text
#yt_length : mediumint(5) unsigned
tags : varchar(255)
category : varchar(30)
username : varchar(100)
#user_id : int(5)
#added : int(10)
#source_id : mediumint(3)
#language : mediumint(3)
#thumbnail : varchar(255)
vt_id : varchar(255)
mp4 : varchar(255)

age_verification : enum('0','1')
 #last_check : int(10) unsigned
 #status : tinyint(1) unsigned
 featured : enum('0','1')
 restricted : enum('0','1')
 allow_comments : enum('0','1')
 allow_embedding : enum('0','1')
 video_slug : varchar(255)

video_portal_db.pm_sources

source_id : smallint(2)
source_name : varchar(20)
url_example : varchar(40)
url_example : varchar(100)
url_example : varchar(100)
url_example : varchar(100)
url_example : varchar(10)
oembed_player_support : enum('0','1')
embed_code : text
user_choice : varchar(15)
ovscheck_support : enum('1','0')
ovscheck_autopilot : enum('1','0')

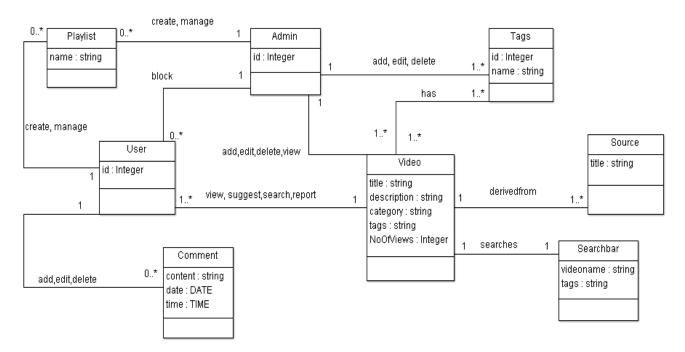
video_portal_db.pm_categories

vid : smallint(3) unsigned
#parent_id : smallint(3) unsigned
tag : varchar(50)
name : varchar(50)
#published_videos : int(7) unsigned
#total_videos : int(7)
#position : mediumint(6) unsigned
description : text
meta_tags : text
image : varchar(100)

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].

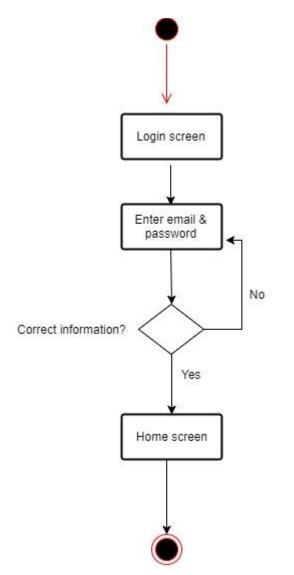


Figure_3. 25 Domain Model

3.5 Activity Diagrams

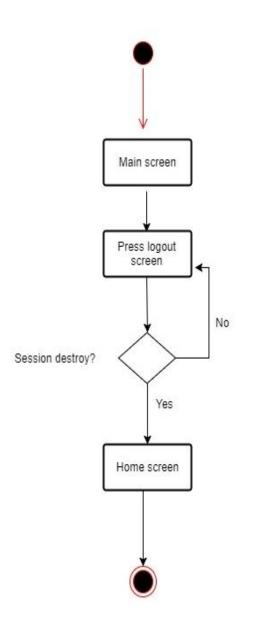
Activity diagram is another important diagram in UML to describe the dynamic aspects of the system. It is basically a flowchart to represent the flow from one activity to another activity^[2].

Activity Diagram for Login:



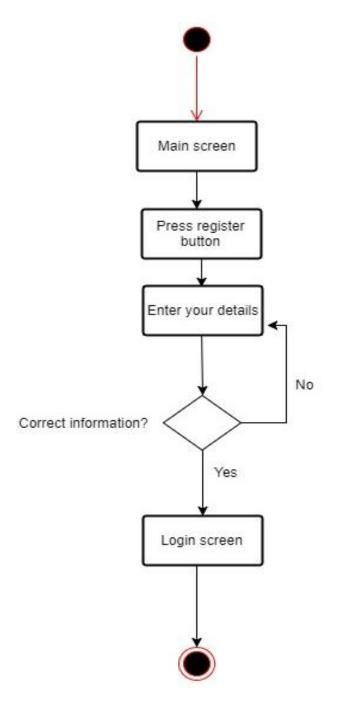
Figure_3. 26 Activity Diagram for Login

Activity Diagram for Logout:



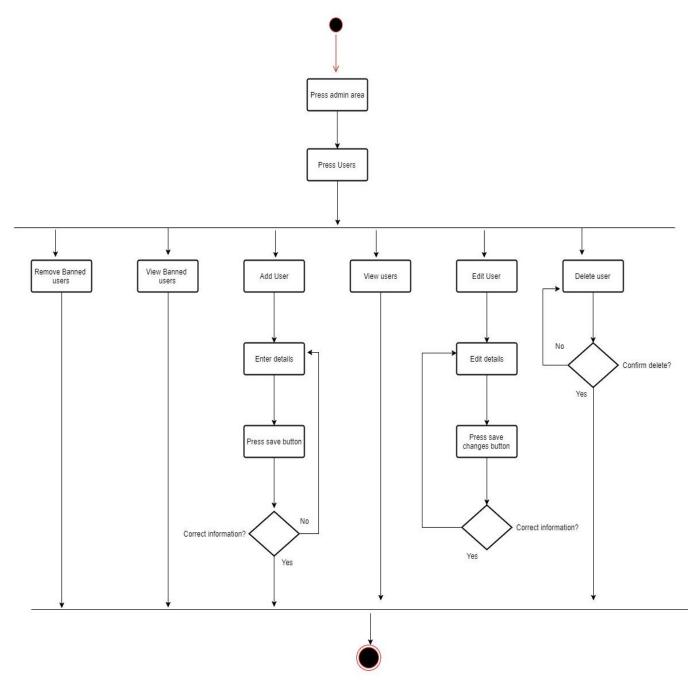
Figure_3. 27 Activity Diagram for Logout

Activity Diagram for Registration:



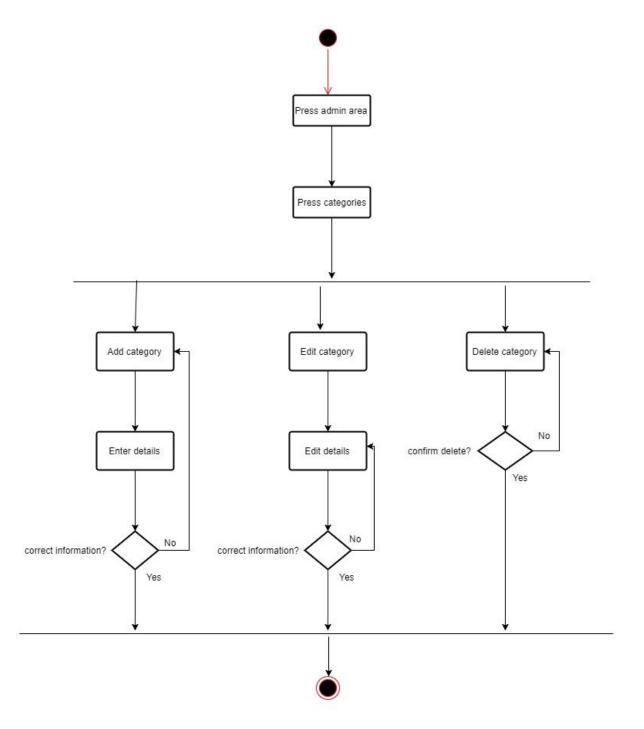
Figure_3. 28 Activity Diagram for Registration

Activity Diagram of Admin for Managing Users:



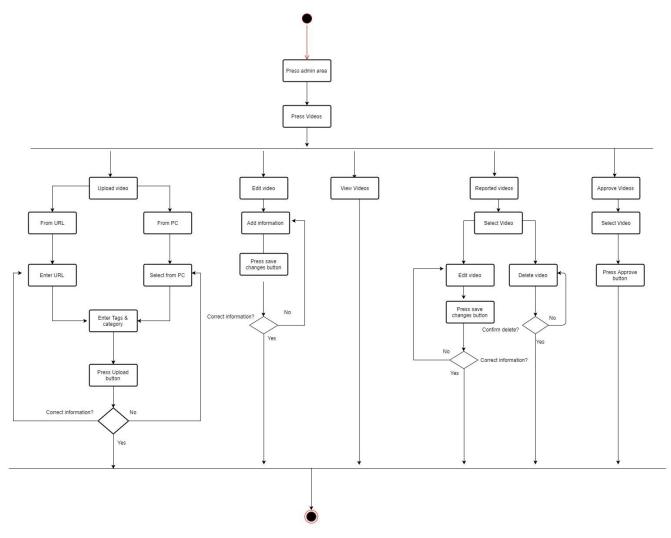
Figure_3. 29 Activity diagram of admin for managing users





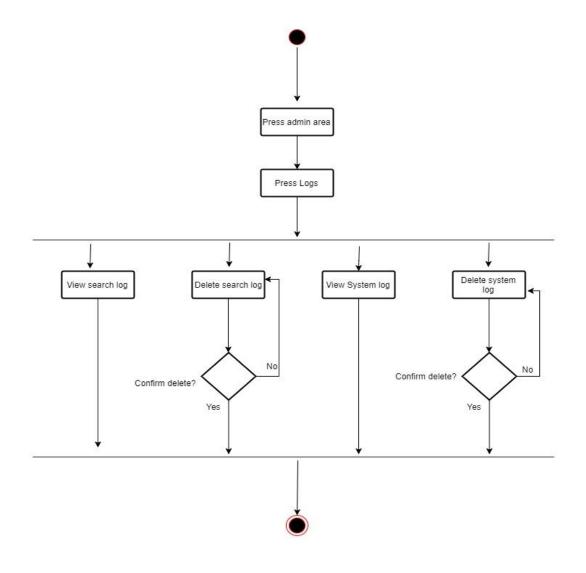
Figure_3. 30 Activity diagram of Admin for Managing Categories

Activity Diagram of Admin for Managing Videos:



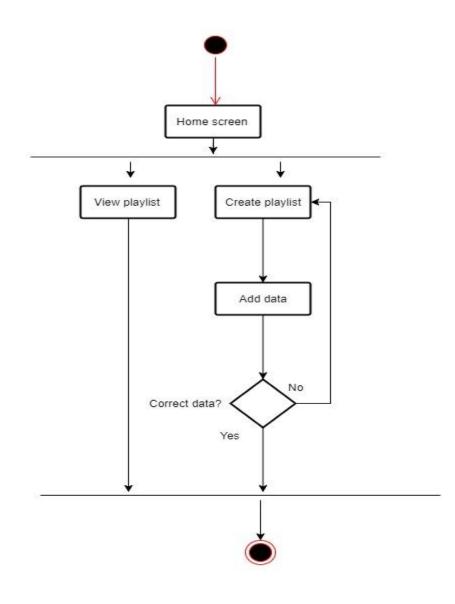
Figure_3. 31 Activity diagram of Admin Managing Videos

Activity Diagram of admin for managing logs:



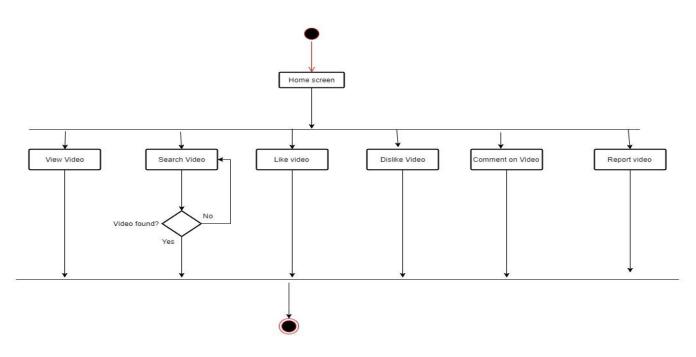
Figure_3. 32 Activity diagram of admin for managing logs

Activity Diagram of managing playlists:



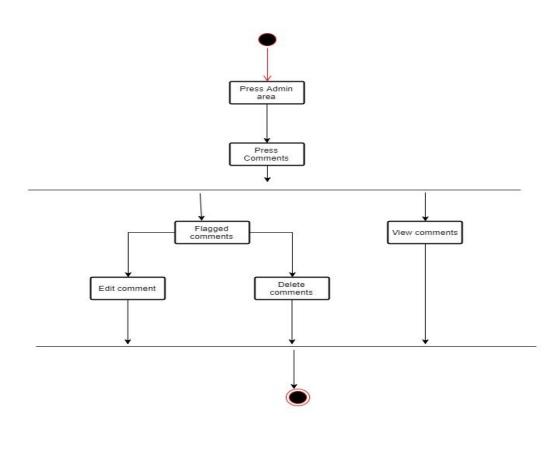
Figure_3. 33 Activity diagrams of managing playlists

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

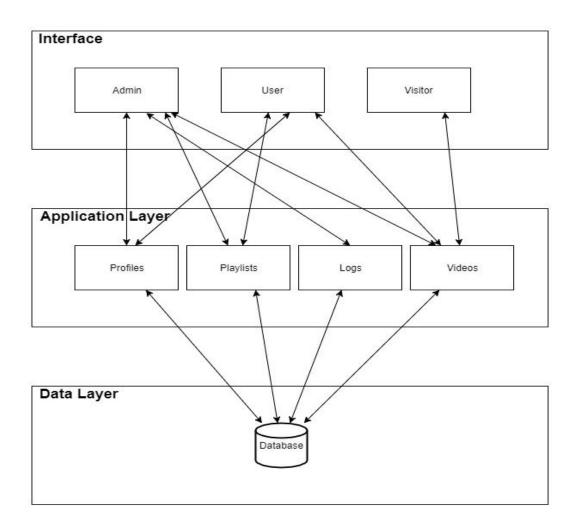
This section provides the process for identifying the sub-system making up a system and the framework for sub-system control and communication. It involves identifying major system components and their communications. The system decomposes into several sub systems there is a control relationships between 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:

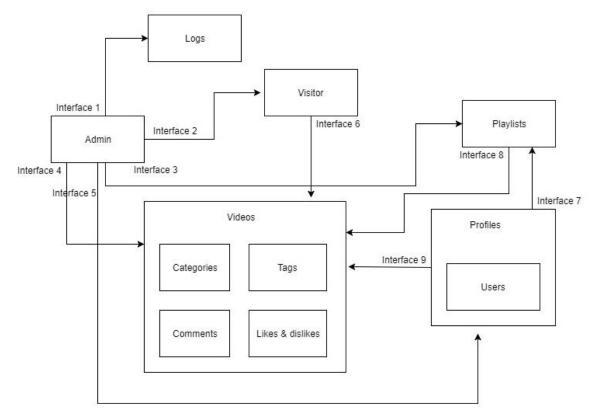
- Presentation Layer
- Application Layer
- Data Link Layer



Figure_3. 36 System Architectural Diagram

3.6.2 System Interface Description

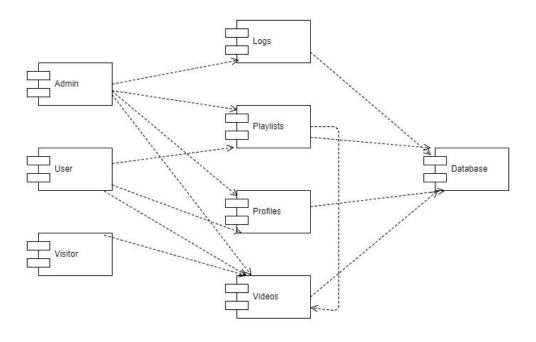
Systems Interface Description addresses the composition and interaction of systems and sub system. Specify the static relationship of systems to one another.



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:

Pak Video Po	rtal sector				
	Login Daemar Pr	e/Email	uters Autor Internetion 43.	A VIDE OS	
			1.00.1.00		
Automatical Miller Streets			Service Contraction Property Statements		

Figure_4. 1 Login screen

Screenshot of register Screen:

HOME CATEGORY - POPULA	R NEW RANDOM VIDEO CONTACT US		PAGES - REGI	STER
		CREATE YOUR ACCOUNT	GIN FORGOT YOUR PASSWORD	7
Create your a	ccount			
Your name				
Username				
Your email				
Password				
Re-type Password				
Country Sele	ectione 🔻			
- 1 ag	ree with terms of agreement			
RE	HISTER			

Figure_4. 2 Register screen

Chapter 4

Screenshot of admin area Screen:

Dashboard						
Quick Stats						
42		0		1		
VIDEOS		PENDING APPROVAL		REPORTED VIDEO		
10 COMMENTS		0 NEW COMMENTS		6 USERS		
		NEW COMMENTS		USERS		
4 PAGES						
Latest Videos	Newest Use	ers	I	atest Comments		
		ers Ilza from Pakistan			Feb 04	
	Feb 04 Reported		Feb 03		Feb 04	
	Feb 04 Reported			vital signs Vital signs		
Hazia Hasan - Katiye Pyar Diyan Galan	Feb 04 Feb 04 Feb 04 Reported Re	alza from Pakistan nas from Pakistan	Feb 03 Feb 02	eanu commented on DIL DIL PAKISTAN by Vital Signe	Feb 04 Feb 02	
Nazla Hasan - Kariya Pyar Diyan Galan	Feb 04 unal	alza from Pakistan	Feb 03	eanu commented on DIL DIL PAKISTAN by Vital signe Vital signs heneshheh		
Itata Hesen - Karlye Pyer Olyan Calan Itata Alexen - Karlye Pyer Olyan Calan Alexen - Vital Signs Andhera Uglis 1 Rishla Classic PTV Drama Itata Hesen - John milane water	Feb 04 Image: Constraint of the second sec	alza from Pakistan nas from Pakistan	Feb 03 Feb 02 Feb 01	same commented on DIL DIL PARISTAN by Utilizing Interestination with Signer Utilizing Interestination atmas commented on marce dil do shoeshe mart most place (*) within commented on (ve it fors pyar) Noor Jahon	Feb 02	
Nation Heaser - Kartye Pyer Olyan Catase Adecar Vital Signs Andhera Ujala 1 Rishta Classic PTV Drama	Feb 04 Image: Constraint of the second sec	alza from Pakistan nas from Pakistan na1 from Pakistan	Feb 03 Feb 02 Feb 01	seru commercied on DIL DIL PARKITAN by Mar Spen submarkins Vita Spen submarkins attrace commercied on marre (II do shoeste man nois plant (Y) attrace commercied on (vo 8, fees psyn) toor Jones gream some spen some marre	Feb 02 Feb 01	
Itata Hesen - Karlye Pyer Olyan Calan Itata Alexen - Karlye Pyer Olyan Calan Alexen - Vital Signs Andhera Uglis 1 Rishla Classic PTV Drama Itata Hesen - John milane water	Feb 04 Image: Constraint of the cons	alza from Pakistan nas from Pakistan na1 from Pakistan	Feb 03 Feb 02 Feb 01	same commented on DIL DIL PARISTAN by Utilizing Interestination with Signer Utilizing Interestination atmas commented on marce dil do shoeshe mart most place (*) within commented on (ve it fors pyar) Noor Jahon	Feb 02	
Itata Masan - Kariya Pyar Olyan Galan Itata Masan - Kariya Pyar Olyan Galan Alabeir Vital Bigns Andrers Upils 1 Rishla Classic PTV Drama Itata Masan - Ankhelin milanay watay	Feb 04 Image: Constraint of the cons	atza from Pakistan nas from Pakistan naf from Pakistan nu from Pakistan	Feb 03 Feb 02 Feb 01 Jan 31	serve commented on OLL DLE, DARKITAN by Uter signs vite signs vite signs domainsing serves commented on mars off do sineshall serves commented on ry on & fore pyra users a commented on ry on & fore pyra grows tare mini- all commented on ry to & lose pyra Noor	Feb 02 Feb 01	

Figure_4. 3 Admin area screen

Screenshot of admin area adding users Screen:

PAK VIDEO PORTAL				🚮 Admin 🗸 ADD VIDEO
CO DASHBOARD CI VIDEOS	Add New User			
PAGES	Account Details		Social Links	
	Name			http://
	Username Password			https://
COMMENTS	Re-type Password			https://
USERS	Email		Google+ URL	https://
ADD NEW USER BANNED USERS	User Group	Regular User V		
STATISTICS & LOGS	Gender	Male Female	Channel Settings	
	Country	Select one V	Custom Channel URL	http://localhost/pakvideoV1.2/user/ channel-n
	About		Verified Channel	○ Yes ● No ◎
				ADD USER

Figure_4. 4 Adding users screen

Chapter 4

Screenshot of admin adding video from URL Screen:

PAK VIDEO PORTAL	Admin 🗸 Ad	DD VIDEO
⑦ DASHBOARD		Help
O VIDEOS 1	Add Video from URL	
ADD VIDEO FROM URL		
EMBED VIDEO REPORTED VIDEOS	http:// Step 2 » Need help?	
APPROVE VIDEOS		
PAGES		
CATEGORIES		
🗭 COMMENTS 🛛 🔼		
😃 USERS		
🗾 STATISTICS & LOGS		



Screenshot of admin viewing videos Screen:

	1602	+ add new								
All v	ideos (42	2) Featured (0)	Private	(0) Trash (17)						Videos/p
Fith	er Adde	sd date		by video source V by category V					Enter keyword	Title
		Unique ID	Status	Video title		Added ©	Views o	Category	Comments	,
										٠
		d8600e45a	0	Aitebar Vital Signs		Feb 04, 2018	1	Pop songs	View Delete (0)	/
0		95e76af1c	0	Andhera Ujala 1 Rishta Classic PTV Drama		Feb 03, 2018	1	old dramas	View Delete (0)	/
		56bdc0362	0	Nazia Hassan - Ankhein milanay walay	61.00	Feb 02, 2018	1	Pop songs	View Delete (0)	,
6		7fbaab884	0	Nazia Hasan - Kariye Pyar Diyan Galan	61.00	Feb 02, 2018	2	Pap songs	View Delete (0)	,
6		8ee3721df	0	Nazia Hassan - Disco Deewane	61.00	Feb 02, 2018	2	Songs / Pop songs	View Delete (0)	,
E		1d3b19a55	0	DIL DIL PAKISTAN by Vital Signs	61.00	Feb 01, 2018	з	Songs	View Delete (1)	
6	ō	375327714	-	Noor Jahan Main Te Mera Dilbar Jani		Feb 01, 2018	1	Songs	View Delete (1)	
0		446545085	0	(vo ik tera pyar) Noor Jahan		Feb 01, 2018	2	Songs	View Delete (2)	
		4067efa09	0	mere dil de sheeshe		Feb 01, 2018	1	Songs	View Delete (1)	,
		3faa34be7	0	KHAWAB AUR ZINDAGI (1973) - WAHEED MURAD, SHAMIM ARA, SAIQA - OFFICIAL FULL MOVIE		Feb 01, 2018	2	tragedy / romance / Movies / drama	View Delete (1)	,
6		a812aaf49	0	DIL MERA DHARKAN TERI (1968) - WAHEED MURAD, RANI SHAMIM ARA & LEHRI - OFFICIAL FILM		Feb 01, 2018	2	romance / Movies / drama	View Delete (0)	,
		921860650	0	Waheed Murad, Parvez Malik Ft. Waheed Murad Armaan Full Movie		Feb 01, 2018	з	tragedy / romance / Movies / drama	View Delete (0)	/
	1	aa084e55e	0	PARWANA (1985) - NADEEM, BABRA SHARIF, ZAMURAD		Feb 01, 2018	0	romance / Movies	View Delete (0)	/

Figure_4. 6 Viewing all videos

Screenshot of reported videos Screen:

ORTAL						Admin	V AL
	D						1
	Rep	orted Vid	605				report(s)
)elete all re
		Unique ID		Video	Reason	Submitted by	Ac
1		7fbaab884	Nazia Hasan - Kariye Pyar Diyan Galan		SPAM		1
						Final Pro	iject By Sar

Figure_4. 7 Reported videos screen

Screenshot of abuse prevention Screen:

PAK VIDEO PORTAL		🌆 Admin 🗸 🗸	ADD VIDEO
CO DASHBOARD CO VUERS	vention		
	pdated successfully.		
CATEGORIES	clean and your SEO rankings in good standing by filtering in any obscene or unwanted words from video and article comments.		
COMMENTS VIDEO COMMENTS	VOTQS ng any of the blacklisted words will be removed automatically.		
PENDING COMMENTS 2 Shit PENDING COMMENTS 2 bastard PENDING COMMENTS ABUSE PREVENTION			
Save USERS			
STATISTICS & LOGS Censored W	ords		
Censored words v Jerk iliza knobend Iabia Save	ill be replaced with **** but the rest of the comment will still be posted.		

Figure_4. 8Abuse prevention screen

Chapter 4

Screenshot of add new category Screen:

PAK VIDEO PORTAL				🚮 Admin	V ADD V	VIDEO
VIDEOS	Add New Video Category					_
PAGES	Category Name & Description		C	ategory Thumbnail	Change	
CATEGORIES	B / U & # # # # # Paragooh • Fort Family • Fort Size •	Upload images				
VIDEO CATEGORIES				4		
USERS			S	lug O		
STATISTICS & LOGS				idating this field will have an impact on SEO dexed	for pages already	
	Patr p	Words:0 //		arent Category		
				- Root -		
			H	TML Meta		
			M	eta Title		
			м	eta Description		
					SUBMIT	

Figure_4. 9 Add new category screen

Screenshot of add video to playlist Screen:

Pak	Video Portal	Search				na roy ggest video / Uplosed 🛛 😽 🛩	
HOME	CATEGORY - POPULAR	NEW HANDOM VIDEO	CONTACT US			PAGES -	
Ait	tebar Vital Sign	5		* Resize	Related / Pop	Ilar Autoplay •	
						2 Views 2 Views 3 Dit DOL PARTS IAN by Vitel Signe 3 Views Nacie Haster - Kanya Pyse Dryan Cales	
					►/II	2 Vicense Nacion Heaven - Antichem miterary water 1 Vicensi	
-	SLike Q		# Share	H Add to M			
MY	PLAYLISTS						
	Webch Larter (1) avonites (1) heaters movies (1)	Private Public Public	5 daya ago 5 daya ago 4 daya ago				
Ente	er new playlist name Added 1 dey sgo by Unsets ro Discoston	y in Pap wonge	ic V	Create playlist 2 views			
One o Ingar	CRIPTION of the most romantic song and of course Viter Signs, Junaid Jamatwel TYOUR COMMENT	one of my fav songs.					
5	Your comment			//			

Figure_4. 10 Add video to playlist screen

Screenshot of ban the user Screen:

HONE CALEDONY - FORGLAS NEW HANDON WOOD D	owinci us rwa
DIL DIL PAKISTAN by Vital Signs	Enter Related / Popular Averaging © e*fluxin Image: State and the showship ima
	Sold: (mp-ing) (where is a constrained of the const
CLRs 0 Added if dependent to serie of Sampe	+ Bhare ⊒ Add to ye 3
DESCRIPTION Dies of my famination and an ALL-THE channel DE, DE, NHOETAN () Burg by The Tages	
Inger proteit jernehet POST YOUR COMMENT	R
	Виранский Фоферии ж

Figure_4. 11 Ban the user screen

Screenshot of edit profile Screen:

HOME CALECORY -	OPULAR NEW HANDOM VIDEO CONTACT US	PAGES
Edit profil	9	
About me		
Your name	sana roy	
Your email	sanu@mail.com	
Gender	Male	
Country	Pakistan 👻	
About me	l'm a student.	
Social links		
Website/Blog	http://	
Facebook URL	Ncaqtrid	
Twitter URL	https://	
Instagram URL	https://	
Google+ URL	https://	
Password confi	n and update	
Current Password		
New Password		
	Leave blank if you don't want to change your password.	
	SAVE	

Figure_4. 12 Edit profile screen

Screenshot of flagged comments Screen:

PAK VIDEO PORTAL						👔 Admin	V ADD VIDEO				
CO DASHBOARD CO VIDEOS	Comments 2 comment/s Comments/page 2										
PAGES	REN	DVE FILTER Flagged		Enter ke		Comment v Q					
CATEGORIES		Comment for	Added	Comment	Posted by	IP	Action				
		(ve ik tera pyar) Noor Jahan	Feb 01, 2018	green same *** $g_{2}^{*} \in \ \ 0 \ \ 1$	usman	of	⊨ / ×				
VIDEO COMMENTS FLAGGED COMMENTS PENDING COMMENTS		KHAWAB AUR ZINDAGI (1973) - WAHEED MURAD, SHAMIM ARA, SAIQA - OFFICIAL FULL MOVIE	Feb 01, 2018	nice (§ 1.1	sanu 0 0	of	⊭ ∕ ×				
ABUSE PREVENTION						REMOVE FLAG	APPROVE DELETE				
USERS											
STATISTICS & LOGS											

Figure_4. 13 Flagged comments screen

Screenshot of forget password Screen:

Pak Video Portal Search	Q Login / Register
HOME CATEGORY - POPULAR NEW RANDOM VIDEO CONTACT U	JS PAGES - REGISTER
	CREATE YOUR ACCOUNT LOGIN FORGOT YOUR PASSWORD?
Forgot your password?	
Username/Email	
SEND	
Home Contact us Register Classical dramas Songs Pak Video Portal powered by Pak Video. © 2018 Pak Video Portal. All rights reserved	• •

Figure_4. 14 Forget password screen

Screenshot of List of banned users Screen:

PAK VIDEO PORTAL 🙀 Admin								
🕖 DASHBOARD						Help		
€ VIDEOS	1	Banned Users						
PAGES								
CATEGORIES					BA	NN USER		
	2	ID	Username	Reason		Action		
COMMENTS	4							
USERS		6	sanu	None		×		
			sanu	None		x		
😃 USERS			sanu	None		×		

Figure_4. 15 List of banned users screen

Chapter 4

Pak Video Portal	Search		Q Suggest video / Upload
HOME CATEGORY + POPU	LAR NEW RANDOM VIDEO	CONTACT US	PAGES +
Manage Play	/lists		CREATE PLAYLIST
		1 IDEO	1 P/I 6 VIDEOS
Watch Later	Favorites Added 5 days ago	Liked videos Added 5 days ago	History Added 5 days ago
	1 060		
classic movies Added 4 days ago	_		
lome Contact us Classical dramas Son	25		. .
ak Video Portal powered by Pak Video.			

Screenshot of manage playlists Screen:



Screenshot of reported videos Screen:

PAK VIDEO PORTAL			A 0	tmin 🗸 🗸	ADD VIDEO
② DASHBOARD					Help
O VIDEOS 1	Reported Vide	DS		rep	1 O
ADD VIDEO FROM URL					
EMBED VIDEO				Delete	all reports
REPORTED VIDEOS	Unique ID	Video	Reason	Submitted by	Action
APPROVE VIDEOS	7fbaab884 😨	Nazia Hasan - Kariye Pyar Diyan Galan	SPAM		/ ×
PAGES					<i>,</i>
CATEGORIES					
COMMENTS			CHECK STATUS DE	LETE REPORTS DELE	TE VIDEO S
😃 USERS					
STATISTICS & LOGS				Final Project By	r Sana Roy 1.0

Figure_4. 17 Reported video screen

Screenshot of report the video Screen:

Pak Video Portal	Search				ana roy juggest video / Upload	
HOME CATEGORY - POPULAR	<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><image/><image/><image/></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>					
Aitebar Vital Sign	Aitebar Vital Signs					
			Resize	▶/Ⅲ	milanay walay	
				04:34	Diyan Galan	
					Nazia Hassan - Disco	
				03:36		
					DIL DIL PAKISTAN by Vital	
				04:09	-	
() Like 🛛 🖓		Ac Share 🗎 Ac	id to 📁			
Specify problem	THIS VIDEO					

Figure_4. 18 Report the video screen

Screenshot of search log Screen:

PAK VIDEO PORTAL			🚮 Admin 🗸 ADD VIDEO
DASHEGARD UIDEOS	Search Log		29 Reywords
VIDEOS			CLEAR LOG
PAGES	Rank	Search keywords	Hits
	1. marina khan		5
	2. 1994		4
COMMENTS	3. mehboob		3
USERS	4. amjad islam amjad		3
	5. noor		3
STATISTICS & LOGS	6. dhuwan		3
SEARCH LOG	7. duwan		2
PHP CONFIGURATION	8. ptv		2
	9. sanu		1
	10. behroz		1
	11. marina		1
	12. nazia		1
	13. waheed		1
	14 duwann		1

Figure_4. 19 Search log screen

Screenshot of statistics and logs Screen:

PAK VIDEO PORTAL					🚮 Admin	ADD VIDEO
C-	Statistics					
VIDEOS PAGES	Videos		Video Comments			
PAGES	Total videos:	42 📴	Total comments:	10 🚥		
CATEGORIES	Most comments:	asdf (3)	Posted today:	0		
<mark>ب</mark> 2	Most rated:	Nazia Hassan - Ankhein milanay walay (1 vote)	Posted yesterday:	1		
COMMENTS	Reported videos:	18	#1 Comment Poster:	admin (2)		
USERS						
STATISTICS & LOGS	Members		Articles			
SEARCH LOG	Total members:	6 E9	Total articles:	0 🖦		
SYSTEM LOG	Joined today:	0	Most commented:	N/A yet.		
PHP CONFIGURATION	Joined yesterday:	0				
	Joined this month:	3	Searches			
	Avatars uploaded:	4	Searches:	29 🖙		
			Most popular query:	marina khan (5)		

Figure_4. 20 Statistics and log screen

Screenshot of system log Screen:

PORTAL			ta Aa	min 🗸 ADD VIDI
System	n Log			19 entries
				DELETE ALL
	Occurred on	Area	Details	
Feb 04, 201	8 07:13:13 PM	Contact Us page	SMTP connect() failed. https://github.com/PHPMailer/PHPMailer/Wiki/Troubleshooting	
Feb 04, 20	8 07:06:23 PM	Admin login	Failed attempt to log in to Admin Area. (Username used: unaiza / IP: ::1)	
Feb 03, 201	8 08:23:10 PM	Register Page	SMTP connect() failed. https://github.com/PHPMailer/PHPMailer/wiki/Troubleshooting	
Feb 02, 20	8 09:24:39 PM	Admin login	Failed attempt to log in to Admin Area. (Username used: almas / IP: :: f)	
Feb 02, 20	8 09:24:19 PM	Admin login	Failed attempt to log in to Admin Area. (Username used: almas / IP: ::rf)	
Feb 02, 20	8 05:32:41 AM	Contact Us page	SMTP connect() failed. https://github.com/PHPMailer/PHPMailer/wiki/Troubleshooting	
Feb 02, 20	8 05:30:52 AM	Contact Us page	SMTP connect() failed. https://github.com/PHPMailer/PHPMailer/wiki/Troubleshooting	
Feb 02, 201	8 02:43:42 AM	Register Page	SMTP connect() failed. https://github.com/PHPMailer/PHPMailer/wiki/Troubleshooting	
Feb 01, 20	8 01:17:37 PM	Admin login	Failed attempt to log in to Admin Area. (Username used: sanu / IP: :-f)	
Feb 01, 201	8 01:16:56 PM	Admin login	Failed attempt to log in to Admin Area. (Username used: sanu / IP: :=/)	
Feb 01, 201	8 06:17:56 AM	Contact Us page	SMTP connect() failed. https://github.com/PHPMailer/PHPMailer/wiki/Troubleshooting	
Feb 01, 201	8 08:07:40 AM	User Login Page	SMTP connect() failed. https://github.com/PHPMailer/PHPMailer/Wki/Troubleshooting	
Feb 01. 201	8 03:23:33 AM	Register Page	SMTP connect() failed. https://github.com/PHPMailen/PHPMailen/Wiki/Troubleshooting	

Figure_4. 21 System log screen

Screenshot of suggest video by URL Screen:

Pak Video Portal	arch	Q	sana roy Suggest video / Upload
HOME CATEGORY * POPULAR	NEW RANDOM VIDEO CONTACT US		PAGES 🔻
Suggest video			
Video URL http://			
Home Contact us Classical dramas Songs Pak Video Portal powered by Pak Video. © 2018 Pak Video Portal. All rights reserved			

Figure_4. 22 Suggest video by URL screen

Screenshot of upload from device Screen:

Pak Video Por	Search	Q	sana roy Suggest video / Upload	Ť.
HOME CATEGORY -	POPULAR NEW RANDOM VIDEO CONTACT US		1	PAGES ¥
Upload vid	leo			
Select file	Select			
Thumbnail	No file selected Choose File			
Video title				
Duration	0			
Category	Select one			
Description	4			
Tags	0			
	UPLOAD			

Figure_4. 23 Upload video from device screen

Screenshot of profile Screen:

Pak Video Porta	Search		Q, Suggest video / Upload	T.
HOME CATEGORY - POP	ULAR NEW RANDOM VIDEO	CONTACT US		PAGES +
			A	1
	Mar No	0		and
sar	ıu		the state	1.4.2
4 vide	os 2 subscribers 5 playlists			
VIDEOS SUBSCRIBERS	SUBSCRIBED TO ABOUT			
Videos from sanu				
	<u> </u>		(2) BHOOP	
	14:08	03:53	05:42	

Figure_4. 24 Edit profile screen

Screenshot of contact us Screen:

Pal	k Video Porta	Search Q Suggest vio	deo / Upload 🛛 👫 🕶
HON	IE CATEGORY - PO	PULAR NEW RANDOM VIDEO CONTACT US	PAGES -
	Contact us		
	Your name	sana roy	
	Your email	sanu@mail.com	
	Importance	Normal	
	In regard to	Select one 🔻	
	Your message		
		SEND MESSAGE	

Figure_4. 25 Contact Us Screen

Screenshot of videos pending approval Screen:

PAK VIDEO PORTAL					2	👔 Admin		~	ADD VIDE	0
② DASHBOARD									Help	
O VIDEOS 2	Vid	leos Pending A	pproval					vi	deos O	
ADD VIDEO FROM URL EMBED VIDEO REPORTED VIDEOS							١	/ideos/pa	ge 25 v	
APPROVE VIDEOS			Title & Description	Tags	Submitted on	Submitted by	Category	A	ction	
CATEGORIES			Hum Tere Shehar Mein Aaye Hain Musafir Ki Tarah By Ghulam Ali	Ghulam Ali, Ghazal	Feb 05, 2018	unaiza	Songs	/	✓ ×	
users ≥ statistics & logs							APPRO	VE DI	ELETE	

Figure_4. 26 Pending approval screen

Screenshot of admin view all categories Screen:

EO PORTAL						Admin		ADD VI
) ARD 1	Video (ateg	gories •add mee				ca	He 14 tegories
5	EREARR/	ANGE					ADD NEV	V CATEGORY
ES		ID	Category Name	Slug	Parent Category	Videos	Position	Action
6	÷	1	dramas	Pak-dramas		0	^ v	/ x
	÷	2	— old dramas	classical	dramas	25	^ v	/ ×
	*	5	- Action, thriller	action-thriller	dramas	5	^ v	/ ×
	ά.	6	— Family	family	dramas	9	^ v	/ x
	+	8	— tragedy	tredic	dramas	7	^ v	/ x
	+	9	- romance	romantic	dramas	8	^ v	/ ×
	*	3	TV Shows	shows		3	^ v	/ ×
	*	4	Songs	songs		5	^ v	/ ×
	+	13	- Pop songs	pops	Songs	4	^ v	/ ×
	*	7	Movies	film		6	^ v	/ x
	÷	11	— drama	dramaric	Movies	4	^ v	/ ×
	÷	12	- romance	romantics	Movies	1	^ v	/ ×
	*	10	commedy	funny		4	^ v	/ x

Figure_4. 27 View all categories screen

Screenshot of admin views all comments Screen:

ARD S	Сог	nm	ents				T	Admin Cor	AD Comment(s)
s RIES	Filte	r ch	oose 🔻				Enter	keyword	Comment 🔻
RIES			Comment for	Added	Comment		Posted by	IP	Action
NTS		•	DIL DIL PAKISTAN by Vital Signs	Feb 04, 2018	Vital signs heheehheh		sanu	::1	1.2
s INTS 🔼		•	mere dil de sheeshe	Feb 02, 2018	mam noor jahan (Y)		almas	et	1.
NTS ON			(ve ik tera pyar) Noor Jahan	Feb 01, 2018	green Sarre ***	1 <u>6</u> 0 (Q) 1	usman	::1	P /
5			(ve ik tera pyar) Noor Jahan	Feb 01, 2018	mam is nice	10 ⁻¹ 10-0	ali	:1	/ :
LOGS		•	Noor Jahan Main Te Mera Dilbar Jani	Feb 01, 2018	mam (Y)		admin	ot	1
			KHAWAB AUR ZINDAGI (1973) - WAHEED MURAD, SHAMIM ARA, SAIQA - OFFICIAL FULL MOVIE	Feb 01, 2018	nice	10;1 K2;0	sanu	::1	р. /
		•	asdf	Jan 31, 2018	ther who		sanu	::1	/
			asdf	Jan 31, 2018	mufin		sanu	:1	1 1
			asdf	Jan 31, 2018	this		test	::1	1 1

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.

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

Table_	5.	1TC for Login

TC-2: Logout

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

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

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.

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

Table_5. 3TC for Register the User

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

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	Upload	Uploading	Pass		
"abc"	successfully	successfully			
User upload the video	Upload done	Uploading failed	Fail		
"abc"					

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.

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	Edited	Updating	Pass
information about "xyz"	successfully	successfully	
video			
Actor edits the	Edited	Updating failed	Fail
information about "xyz"	successfully		
video			

Table_5. 6TC for Edit Video

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 vi	Admin can delete video		
Input	Expected Output	Actual Output	Verdict	
Admin deletes the "xyz"	Deleted	Deleting success	Pass	
video	successfully			
Admin deletes the "xyz"	Deleted	Deleting failed	Fail	
video	successfully			

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 vi	ideo	Viewed	Viewed	Pass	
"abc"to view		successfully	successfully		
Actor selects vi	ideo	Viewed	Selected video not	Fail	
"abc" to view		successfully	found		

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.

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

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
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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	Approved	Approved	Pass	
"abc"	successfully	successfully		
Admin approved video	Approved	Approving failed	Fail	
"abc"	successfully			

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.

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 "a	abc"	Comment	Comment	Pass
comment on "y	xyz"	uploaded	uploaded	
video		successfully	successfully	
Actor writes "a	ıbc"	Comment	Comment	Fail
comment on "y	xyz"	uploaded	uploading failed	
video		successfully		

Table_5. 11TC for Comment on Video	Table_5.	11TC for	Comment on	Video
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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	r profiles		
Input	Expected Output	Actual Output	Verdict	
Actor edits their "xyz"	Edited	Updating	Pass	
information	successfully	successfully		
Actor edits their "xyz"	Edited	updating failed	Fail	
information	successfully			

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

Description Adr			Admin can block th	e user		
Input			Expected Output	Actual Output	Verdict	
Admin	blocks	"abc"	Blocked	Blocked	Pass	
user			successfully	successfully		
Admin	blocks	"abc"	Blocked	Blocking failed	Fail	
user			successfully			

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
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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"	Subscribed	Subscribed	Pass		
user	successfully	successfully			
Actor subscribe the "a"	Subscribed	Subscribing	Fail		
user	successfully	failed			

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

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.

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

Table_5. 16TC for Report Video

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 created	Playlist created	Pass		
playlist	successfully	successfully			
Actor creates "xyz"	Playlist created	Playlist creating	Fail		
playlist	successfully	failed			

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	Video	added	Video	added	Pass
to "abc" playlist	successfully		successfully		
Actor adds "xyz" videos	Video	added	Video	adding	Fail
to "abc" playlist	successfully		failed		

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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