FINAL YEAR INTERNSHIP REPORT

Intern at Sohag360 as

Video Editor and Motion Graphics Designer

By

MD REDOAN ULLAH SAHEDE

ID: 193-40-619

This Report Presented in Partial Fulfillment of the Requirements for the Degree of Bachelor of Science in Multimedia and Creative Technology.

Supervised By Mr. Arif Ahmed

Associate Professor Department of MCT Daffodil International University



DAFFODIL INTERNATIONAL UNIVERSITY

DHAKA, BANGLADESH

AUGUST 19, 2023

This Project titled **"Intern at Sohag360 as Video Editor And Motion Graphics Designer**", submitted by Md. Redoan Ullah Sahede to the Department of Multimedia and Creative Technology, Daffodil International University, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Multimedia and Creative Technology and approved as to its style and contents. The presentation has been held on 19 August, 2023.

APPROVAL

BOARD OF EXAMINERS

Md. Salah Uddin Assistant Professor & Head (In-Charge) Department of Multimedia and Creative Technology Faculty of Science & Information Technology Daffodil International University

Dr. Shaikh Muhammad Allayear
Professor
Department of Multimedia and Creative Technology
Faculty of Science & Information Technology

Daffodil International University

franch

Arif Ahmed

Associate Professor

Department of Multimedia and Creative Technology

Faculty of Science & Information Technology

Daffodil International University

Dr. Mohammad Zahidur Rahman

Professor

Department of Computer Science and Engineering

Jahangirnagar University

Chairman

Internal Examiner

Internal Examiner

External Examiner

DECLARATION

I hereby declare that, this project has been done by me under the supervision of **Mr. Arif Ahmed, Associate Professor, Department of MCT** of Daffodil International University. I also declare that neither this project nor any part of this project has been submitted elsewhere for the award of any degree of diploma.

Supervised by:

Mr. Arif Ahmed Associate Professor Department of MCT Daffodil International University

Submitted by:

Md. Redoan Ullah Sohede

Md. Redoan Ullah Sahede ID: 193-40-619 Department of MCT Daffodil International University

ACKNOWLEDGEMENT

Firstly, I am thankful and grateful to Almighty God for His blessing in making this possible to complete the internship project successfully.

My special heartfelt thanks and gratitude goes to Mr. Arif Ahmed, Associate Professor, Department of MCT, Daffodil International University, Dhaka. His guidance, generous assistance, encouragement, hours of fruitful discussions and advice has carried this internship project so far and pushed me to do my best in this project. His presence has motivated me to refine myself and has played an pivotal role in my understanding of the whole subject matter.

Sincerely appreciating Mr. Sohag Mia, alumni, Daffodil International University for his unforgettable support, exceptional mentorship and insightful feedback that has inspired me to learn more about video editing and visualizing and leading me in my future career path.

I wish to thank and appreciate all my teachers and my parents for the constant support and be patients about my works. Their guidance and expertise has helped me cross many obstacles in various moments of my life.

ABSTRACT

Among many other creative works done by computer, Video Editing and Motion Graphics Designing is one of the most demanded works these days. The online and local job market of video editing is getting bigger. Organizations, Brands, Companies hiring video editors to cope up in this social media era where social media is a big place for promoting brands, increasing brand values and adding social engagement for the brands. Motivated by many factors in modern multimedia sector, I choose to be a video editor and to pursue this job path, I took internship in a popular and renowned tech organization and YouTube Channel Sohag360 founded by Mr. Sohag Mia. This channel has publish more than 600 videos containing tutorials, tech reviews, tech explanatory videos over its YouTube channel and FaceBook Page. Sohag360 has been working with many international electronics and technology brand such as ASUS, Samsung, OPPO, VIVO, Xiaomi, Realme, Tecno, Infinix, Itel, Lenovo, MSI, Grameenphone, Robi, Airtel, Bkash, Walton etc. As a technological media, Sohag360 has more than 3 Million followers on its various platforms. Sohag360 is a social brand that got many award for its contribution of reaching technological knowledge to general people including teenagers. One such award is **Epitome in Influence** award which was given by honorable education minister Dr. Dipu Moni back in 2022. I dreamt of doing my internship here to become part of the latest technological world. Technological world is rapidly changing, getting innovative every day and many new things are coming in our daily lives. Taking the internship here taught me many things about Video Editing and Visualizing and also increased my potential to become a better Video Editor.

TABLE OF CONTENTS

CONTENTS	PAGE
APPROVAL	II
DECLARATION	III
ACKNOWLEDGEMENTS	IV
ABSTRACT	V
CHAPTER 01:	1
INTRODUCTION	1-2
CHAPTER 02: VIVO V27E	3
2.1 Background	3
2.2 Development Method	4-6
CHAPTER 03: ASUS ZENBOOK FOLD OLED	7
3.1 Background	7
3.2 Development Method	7-15
CHAPTER 04: COMPARISN OF REALME 11 PRO PLUS VS	16
SAMSUNG A54 4.1 Background	16
4.2 Development Method	16-24
CHAPTER 05: OPPO FLIP N2	25
5.1 Background	25
5.2 Development Method	25-32

CHAPTER 06: WORKFLOW	33	
CHAPTER 07: ABOUT THE SOFTWARE	34	
7.1 Adobe Premiere Pro	34	
7.2 Adobe After Effects	34	
7.3 Adobe Media Encoder	35	
CHAPTER 08: PROBLEMS I FACED & SOLUTIONS	36-40	
CHAPTER 09: CONCLUSION	41	
REFERENCES	42	

FIGURE	PAGE	
FIG 1.1.1 HOMEPAGE OF YT CHANNEL	1	
FIG 1.1.2 SOHAG360 FB PAGE	2	
FIG 1.1.3 YOUTUBE CHANNEL	2	
FIG 2.1.1 VIVO V27E SMARTPHONE	3	
FIG 2.2.1 IMPORTING VIDEO FOOTAGES.	4	
FIG 2.2.2 WORKING ON MAIN VIDEOS	5	
FIG 2.2.3 WORKING WITH TEXT AND EFFECTS.	5	
FIG 2.2.4: WORKING WITH GRAPHICS FX.	6	
FIG 3.2.1: PROJECT PANEL	7	
FIG 3.2.2: SORTING B ROLES IN FOLDER	8	
FIG 3.2.3: MAIN PROJECT TIMELINE.	8	
FIG 3.2.4: ADDING SOUND EFFECTS.	9	
FIG 3.2.5: TRACKING B ROLE	9	
FIG 3.2.6: ADDING TEXT	10	
FIG 3.2.7: TEXT PROPERTIES OF THE TEXT LAYER.	10	
FIG 3.2.8: ADDING TEXT	11	
FIG 3.2.9: ADDING ZOOMING IN EFFECTS	11	
FIG 3.2.10: ADDING GRAPHICAL ELEMENTS	12	
FIG 3.2.11: ADDING VIDEO TRANSITION	12	
FIG 3.2.12: ADDING TEXT	13	

LIST OF FIGURE

FIGURE	PAGE
FIG 3.2.13: ADDING TEXT TEMPLATE	13
FIG 3.2.14: BEFORE THE COLOR GRADING.	14
FIG 3.2.15: AFTER THE COLOR GRADING.	14
FIG 3.2.16: THE COMPLETED TIMELINE.	15
FIG 3.2.17: RENDERING THE FINAL VIDEO.	15
FIG 4.2.1: GATHERING AND IMPORTING ASSETS	16
FIG 4.2.2: PROJECT FOLDERS IN PROJECT	17
FIG 4.2.3: MAIN TIMELINE.	17
FIG 4.2.4: WORKING WITH B ROLES.	18
FIG 4.2.5: TRACKING DEVICE TO ADD TEXT	18
FIG 4.2.6: ADDING PRICE TAG ON A B ROLE.	19
FIG 4.2.7: ADDING TRANSITION WITH SFX.	19
FIG 4.2.8: ADDING CALLOUT TEXT	20
FIG 4.2.9: ADDING 3D MOTION VIDEO.	20
FIG 4.2.10: ADDING ANIMATED TEXT	21
FIG 4.2.11: ADDING DISPLAY TEXT OF TWO DEVICES.	21
FIG 4.2.12: ADDING PROCESSOR INFOGRAPHICS.	22
FIG 4.2.13: ADDING CAMERA SAMPLES.	22
FIG 4.2.14: ADDING PICTURES AND ALIGNING	23
FIG 4.2.15: COLOR GRADING THE VIDEO.	23

FIGURE	PAGE
FIG 4.2.16: SELECTING FACE	24
FIG 4.2.17: RENDERING THE	24
FIG 5.2.1: IMPORTING ASSETS	25
FIG 5.2.2: CREATING PROXY FILES	26
FIG 5.2.3: WORKING WITH A ROLE AND B ROLES.	26
FIG 5.2.4: B ROLE ADDING OVER A ROLE.	27
FIG 5.2.5: ADDING AUDIO EFFECTS.	27
FIG 5.2.6: COLOR GRADING THE SKIN TONE.	28
FIG 5.2.7: ADDING VIDEO SPONSOR INFO.	28
FIG 5.2.8: ADDING CALLOUT TEXT	29
FIG 5.2.9: ADDING CALLOUT TEXT.	29
FIG 5.2.10: ADDING CAMERA SAMPLES.	30
FIG 5.2.11: ADDING GLITCH ANIMATED TEXT.	30
FIG 5.2.12: ADDING BONUS SPONSOR INFO.	31
FIG 5.2.13: ADDING END-CARD.	31
FIG 5.2.14: WHOLE TIMELINE WITH ALL FILES.	32
FIG 5.2.15: RENDERING THE VIDEO	32
FIG 7.1.1: ADOBE PREMIERE PRO LOGO	34
FIG 7.2.1: ADOBE AFTER EFFECTS LOGO	34
FIG 7.3.1: ADOBE MEDIA ENCODER	35
FIG 8.1.1: TAKING TOO MUCH RENDERING TIME	36

36
37
37
38
38
39
39
40

CHAPTER 01

INTRODUCTION

SOHAG360 is one of the most popular tech channels in Bangladesh. This channel features tech tutorials, tech product reviews, tech explanatory videos in Bengali language. This channel is a concern of The Tech Doctor which is a licensed company and has been collaborated with many renowned national and international brands, such as Samsung, Vivo, OPPO, ASUS, MSI, Grameenphone, Robi etc.

In Sohag360 channel where it has more than 1.73 million subscribers [1] we do variety of kinds of videos that features around latest technological world and innovations. Smartphone, smart gadgets, electronics, software, hardware, and every technological things are easily explained, reviewed in informative and visually helpful videos (Fig:1.1).



Fig 1.1: Homepage of YT channel

In Sohag360 YouTube channel (Fig:1.3) and Facebook page [2] with nearly 900K followers, weekly 2-3 videos get published on various topics (Fig: 1.2). Some videos are collaboration and sponsored by various tech brands which is also a revenue generating source beside Google AdSense.

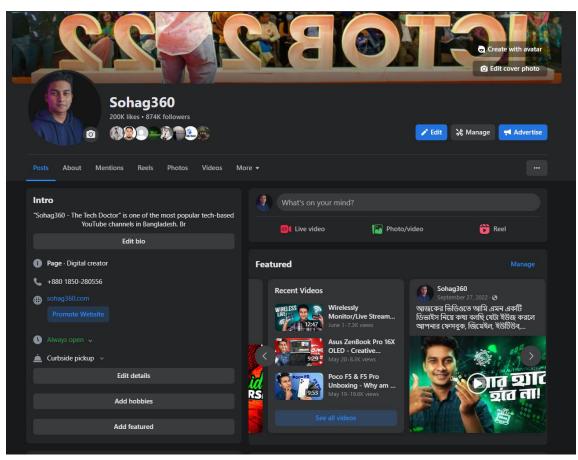


Fig 1.2: Sohag360 FB Page.

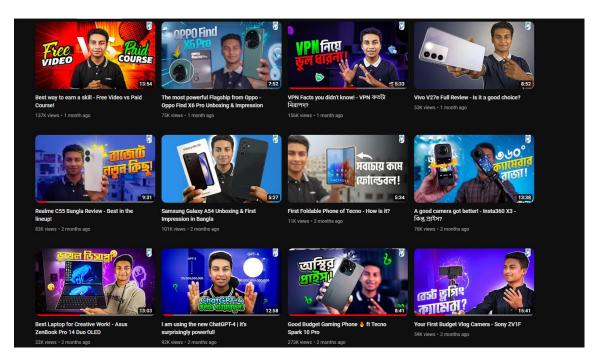


Fig 1.3: Youtube channel

CHAPTER 02

VIVO V27E

2.1 Background

vivo is an international communication technology company which produces smartphones and accessories mainly. They are subsidiary of BBK Electronics which is the parent company of some famous brands like OnePlus, Oppo, iQOO, Realme.

Each year vivo releases new smartphones for the consumers. Their latest mid range budget smartphone is vivo V27e (Fig:2.1.1). This phone was focused in some key points such as portrait photo specialist, 120hz AMOLED Display, 66watt fast charging etc [3]. The phone has a gorgeous beautiful looks which can easily attracts its potential customer base.



Fig 2.1.1: VIVO V27e smartphone

The brand send us the device before its official launching event. We used it for a couple of days, experienced its good and bad both sides, then we gathered our overall user experience in the review video.

2.2 Development Methods:

In this project, the very first thing that I did was checking all the necessary files such as A roles, B roles, scripts etc. Mr Sohag Mia gave the the video shot of A role where he spoke about the device as scripted.

The scripts contains starting intros where he first introduce the phone, then talks about the phone's hardware and software specifications, performance, camera spec and it's performance, battery life and other information and the final verdict if the phone is worth buying.

There are some information that needs to be noted, the video was shot in 4K resolution and in 8bit XAVC S 4K codec. If we use 10bit footage the video will have much better detail but also become bigger file size.

The very first thing that I did was importing all video footages in editing software: Adobe Premiere pro (Fig:2.2.1).

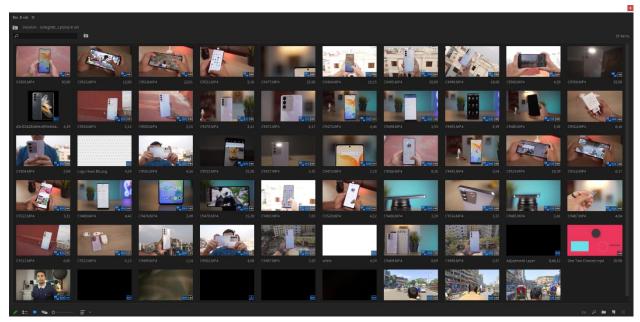


Fig 2.2.1: Importing video footages.

Then I started editing the main A role footage.

I have cut out unnecessary parts, repeated parts and also fixed the sound of the footage. Like boosted the vocal using Pop Master settings in Multiband Compressor audio effects, reduce the audio noise by 8% in denoise effect, and also used the DeReverb effect to reduce the humming echo effects.

I have labeled each video sections with different label so that they can be identified easily. Then I started cut and put relevant B role videos on the main layer (Fig: 2.2.2).

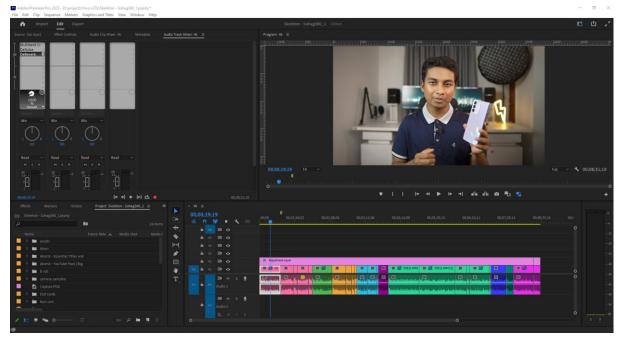


Fig 2.2.2: working on main videos

I have also used text and graphics where it is necessary. Such as the product title text. Here I tracked the text's motion according to the video and added a special Vfx effect called VR Glitch. I have then key framed its opacity to make a smooth fade in - fade out transition (Fig:2.2.3).



Fig 2.2.3: working with Text and effects.

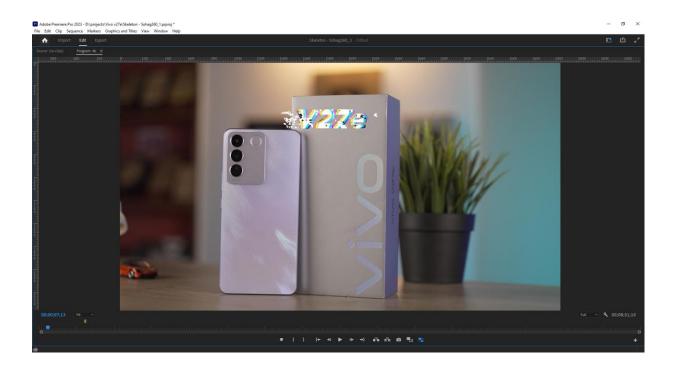


Fig 2.2.4: working with graphics fx.

I had rendered the video once when it was done completely (Fig:2.2.4). I checked the timeline and then rendered the video in Adobe Media Encoder. After the video got confirmation it got published in Sohag360 channel. [4]

CHAPTER 03 ASUS ZENBOOK FOLD OLED

3.1 Background

ASUS is a Taiwan based multinational computer, phone hardware and electronics manufacturer. They have gotten much popularity in laptop and smartphone sector with various types of gaming and business centric laptops and gaming smartphones. Here at Sohag360, we do get 3-5 laptop each year from ASUS. Most of them are Flagship level laptops. Their recent laptop is a diverse innovation, a 17inch folding display laptop which has a OLED panel and also a touch display. This laptop price is about 4 lacs bdt approx. So it's a expensive laptop with lots of feature. We focused on those features in the review video.

3.2 Development Method:

After the video production completed, I firstly sorted out all A role/face cam videos, B role videos and other assets in specific folders (Fig 3.2.1). I also sorted them by name so that it can be easier to find a specific clip later on (Fig 3.2.2).

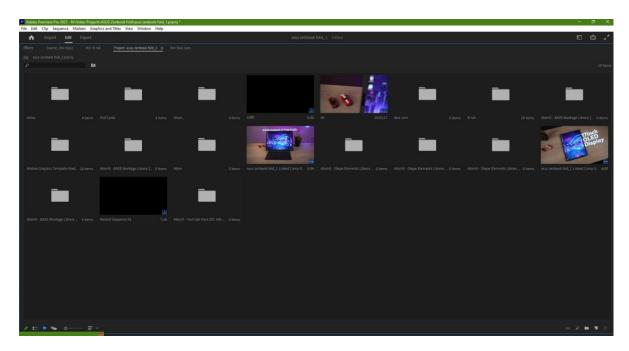


Fig 3.2.1: Project Panel

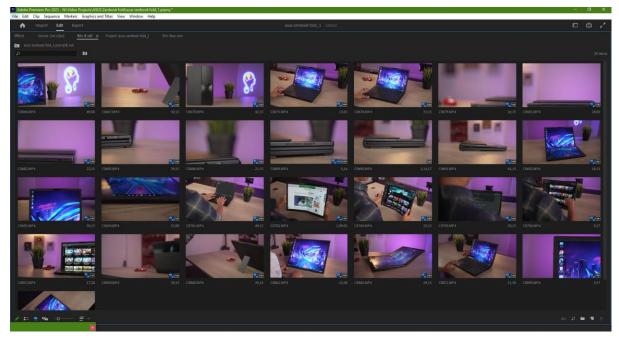


Fig 3.2.2: sorting B roles in folder.

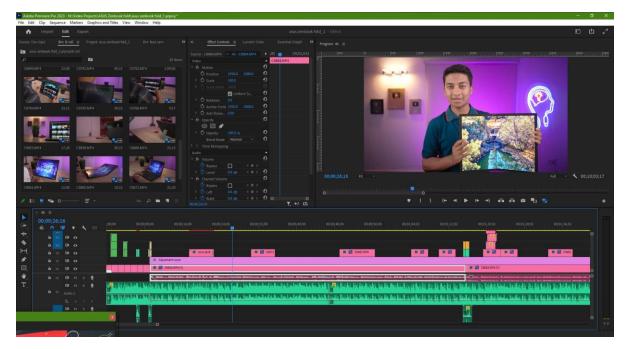


Fig 3.2.3: Main project timeline.

I had put A role in the timeline first. Then started cutting out unnecessary parts, pauses and repeated parts. Then I added B roles on top of the A role layer, these B roles are relevant to sentences talking in A role. Then I added some transitions in chapter endings. Then I created a mini intro with the B roles (Fig 3.2.3).

After that, I refined the A role voice with an audio effect named Multiband Compressor. There I choose the preference settings of Pop Master, which boosted the voice level but I lowered the gain to -3 db to get it a smooth sound (Fig 3.2.4), then I aslo added another effect named Denoise which remove noise from vocal, then another effect called Dereverb added to make the sound more smooth.



Fig 3.2.4: adding sound effects

Then I started working on some B role, adding graphics elements to make it more visually good looking. I motion tracked a B role in Adobe After Effects, with two point tracker. I tracked position and rotation there (Fig 3.2.5). Then added Text on it.

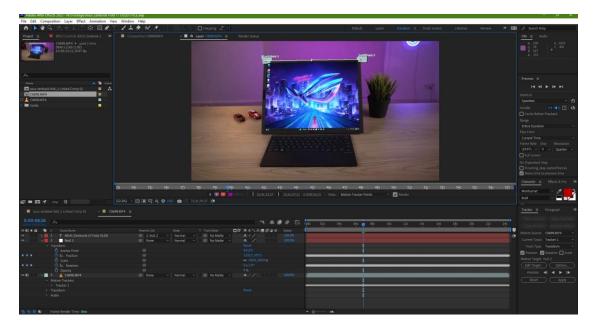


Fig 3.2.5: Tracking B role.

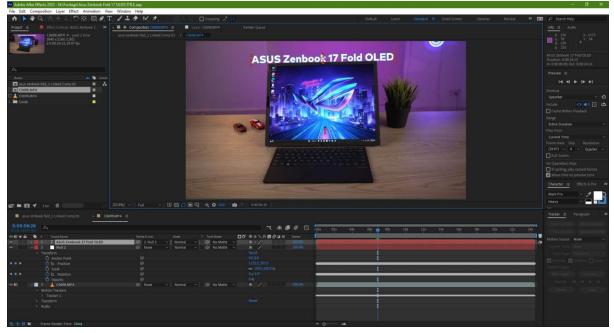


Fig 3.2.6: adding text.

I wrote text on the B role (Fig 3.2.6). The font name is Mark Pro which is a popular font in media industry (Fig 3.2.7). I used a deep stroke on the text. Then I parented the text layer to the tracked data layer.

Ch	aracter	Ξ	Effects	& Pre	»
Ma	ark Pro			19	2
He	avy		~		
ſΤ	454 рх	۲	‡Ă	387 рх	۲
V∕Ą		¥	₩A A		۳
-	33 px	▼ F	ill Over	Stroke	~
ţΤ	100 %	۲	T	100 %	۳
Aª	0 рх	۲		0 96	۳
	T T	ΤT	Тт	T ¹ T ₁	
	Ligature	'S	Пн	indi Digit	

Fig 3.2.7: Text properties of the text layer.

I added more texts on different B role like this way. I looked for a subtle color for the stroke and for the text so that they look good on screen (Fig 3.2.8).



Fig 3.2.8: adding text.

In some B role, I added slowly zooming in or zooming out effect by adding key frame. I put the parameter numbers with previous experiences so that the effect creates a soothing visual (Fig 3.2.9).

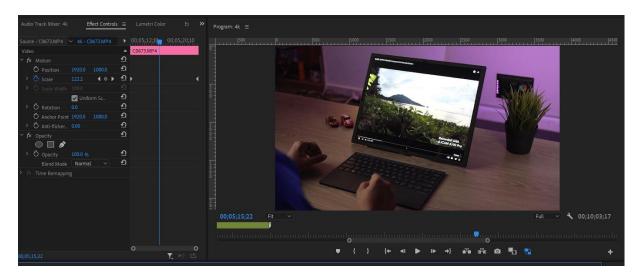


Fig 3.2.9: adding zooming in effects.

I added some graphics elements on some B role to point out specific things told in A role (Fig-3.2.10).



Fig 3.2.10: adding graphical elements.

I added transitions in some suitable places to make the video flow good (Fig 3.2.11).

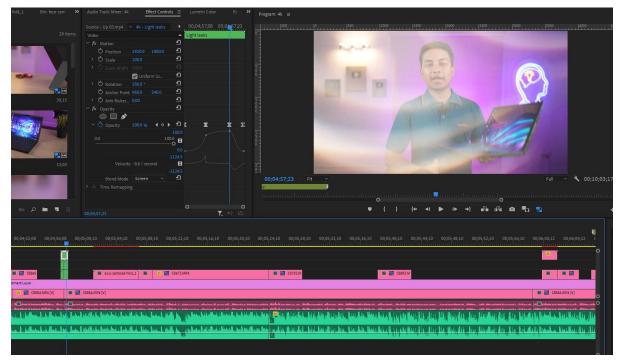


Fig 3.2.11: adding video transition.

I also have added some text in premiere pro software and tracked the motion manually to look like the text is also moving along the B role's subject (Fig 3.2.12).

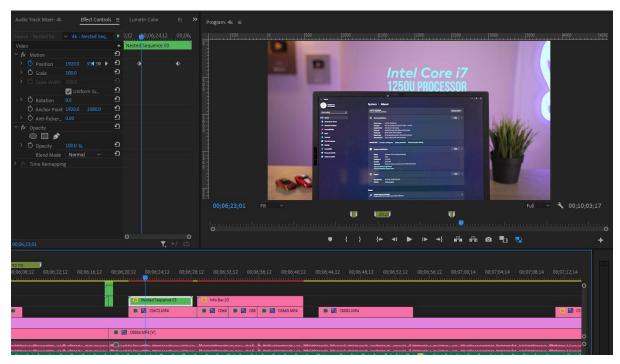


Fig 3.2.12: adding text.

I also have added some template text effects to make the visual more interesting. The template was added via a third party plug in called Atomx (Fig 3.2.13).

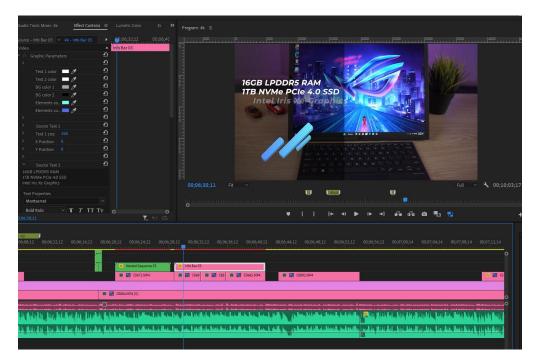


Fig 3.2.13: adding text template.

Then I color graded the main A role in Lumetri Color panel. With this effect I brighten up the scene, smoothen the skin tone and made the scene more visually appeal.

Here is the before (Fig 3.2.14) and after (Fig 3.2.15) look of the video.



Fig 3.2.14: Before the color grading.



Fig 3.2.15: After the color grading.

After that, I finally added necessary sfx and a background music with low audio level. Finally the completed video timeline with every elements in it looked like this (Fig 3.2.16).

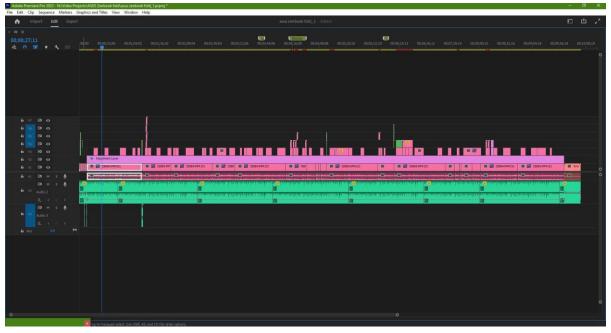


Fig 3.2.16: The completed timeline.

Then I rendered the final video in 4K resolution with right bitrate (Fig 3.2.17). The rendering was done in Adobe Media Encoder software. The rendering process took some time. Then the whole process got completed. [5]

	Export						
		Settings: 🛃 Mi	edia File		Preview		
Media File	💿		4k.mp4				
YouTube					1000		
			Custom			a second and	
Twitter					and the second second		
					E3	13-	
		~ VIDEO			100		
		Basic Video Settin	15				
① FTP O			Match Source		C L ST	() ()	
							AND DESCRIPTION OF THE OWNER
							and the second
							Contraction of the
							00;10;03
		Render at M	aximum Depth				
					Range Entire Source 🛩	3 ≪I ► I► 3	Scaling Scale to fit
					Source	Output	
		🖾 Use Maximu	m Render Quality		Video: 3840x2160 (1.0) 2997 fps Progressive	00;10;03;17 Video: H.264 3840ic2160 (10) 2997 fps Progressive 100 (63% HLG, 51% PQ)
		🗌 Render Alph			Audio: 48000 Hz Stereo		Nvidia Codec 00;10;03;17 VBR 1 pass Target 10:00 Mb
		Time Interpolation	Frame Sampling			Audio: AAC 320 kbps 48 kb Estimated File Size: 778 MB	12 58880

Fig 3.2.17: Rendering the final video.

CHAPTER 04

COMPARISN OF REALME 11 PRO PLUS VS SAMSUNG A54

4.1 Background

Realme 11 Pro Plus and Samsung Galaxy A54, both are latest popular smartphone device under 40 thousands BDT. This comparison project was a timely demanded video which also got successful after its publishing. This project was much interesting and hard effort went into making this video. Using the devices, using experiences, pre shoot, production of the video, and then post production.

4.2 Development Method

First I gathered all video footages, mobile camera samples including pictures and videos, all other assets and then imported them in Adobe Premiere Pro project (Fig 4.2.1).

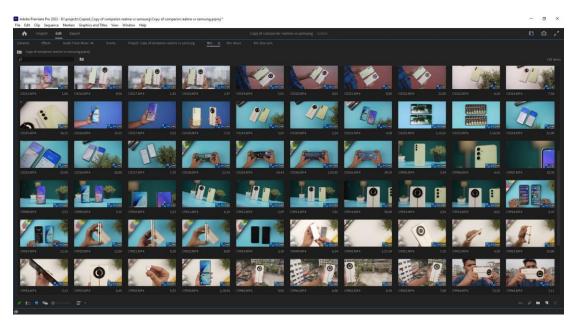


Fig 4.2.1: Gathering and importing assets.

I created appropriate folders for different kinds of assets. Such as main video footage in Face Cam folder. B role videos in B role folder, Camera samples in another folder and music in another one (Fig 4.2.2).

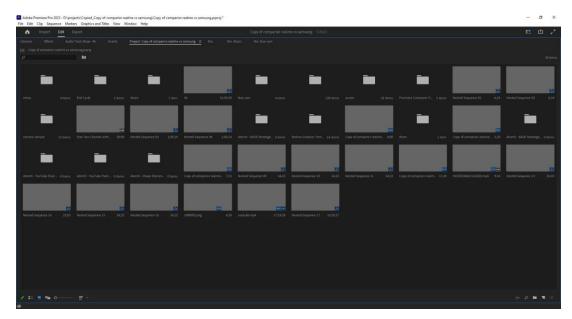


Fig 4.2.2: project folders in project panel.

Main video footage cutting was a bit different as it had some chapters. So while cutting the main video footage I labeled different chapters with different color to identify different chapter easily (Fig 4.2.3).

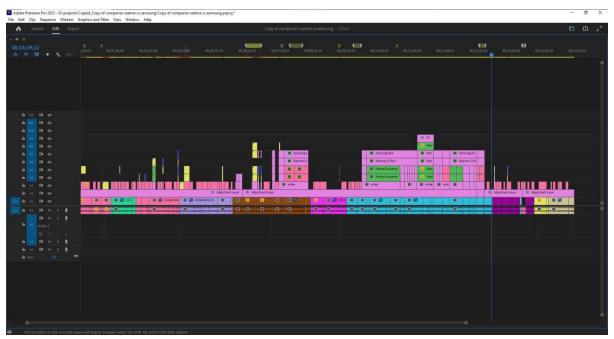


Fig 4.2.3: Main timeline.

Then I worked with B roles, I put appropriate B role on the main footage. Such as where Mr Sohag was talking about gaming performance comparison I put Gameplay B role of two devices on that time frame. When he was talking about two devices I put general beauty shot of two devices on that time frame (Fig 4.2.4).

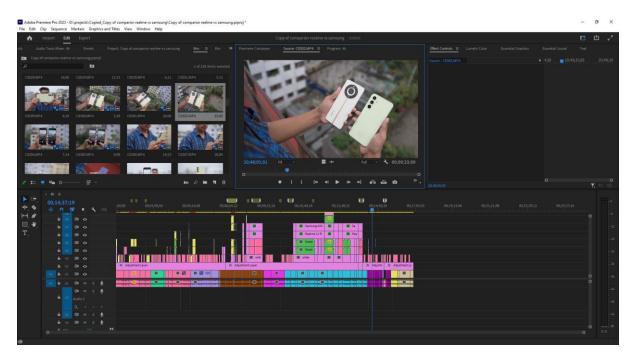


Fig 4.2.4: working with B roles.

I put graphics text on some B role to make them look visually informative. In a B role, I tracked the motion of the devices and then added text (Name of the device) beside the device (Fig-4.2.5). I synced Adobe After Effects and Adobe Premiere Pro in this case.

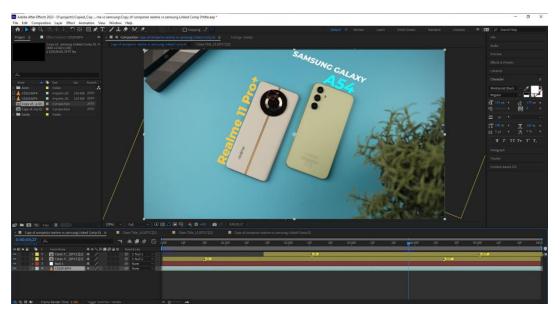


Fig 4.2.5: Tracking device to add text.

In a B roll I added price text beside the device. It appears and disappears via some animation key frame (Fig 4.2.6).

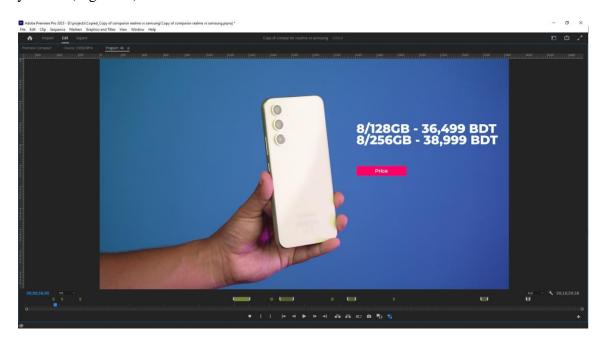


Fig 4.2.6: adding price tag on a B role.

I added transitions on chapter starting and some B role entry. Transition also had sfx with them which sounded together a reality feeling to the video flow. This transition showing below involved motion displacement and camera shake effect (Fig 4.2.7).



Fig 4.2.7: adding transition with sfx.

I have added callout text or pointing text with third party plug-ins. I customized different parameters and tracked the whole graphics manually (Fig 4.2.8).

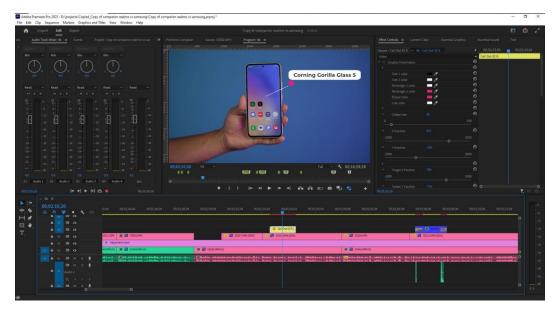


Fig 4.2.8: adding callout text

In a time frame, Mr Sohag talked about a device color variants. I took a 3D motion video of the device from the internet and then imported and added it. Then I added text beside the video. I scaled downed the 3D video , cropped it and added a colorful stroke. I also put a image with all color variation of the smartphone down below of the 3D video (Fig 4.2.9).

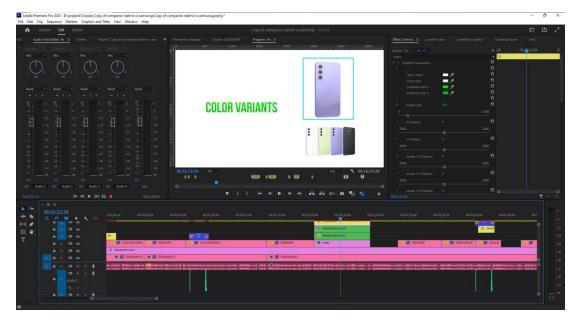


Fig 4.2.9: adding 3D motion video.

I added in some text in premiere pro. I added gradient stroke. Chose color choice and added particle animation behind it. I also animated in and out transition (Fig 4.2.10).



Fig 4.2.10: adding animated text.

In a display B role, I added text of display configuration of Realme 11 pro plus and Samsung galaxy A54. I chose black color the text because it appeared better than any other color in front of a bright background (Fig 4.2.11).

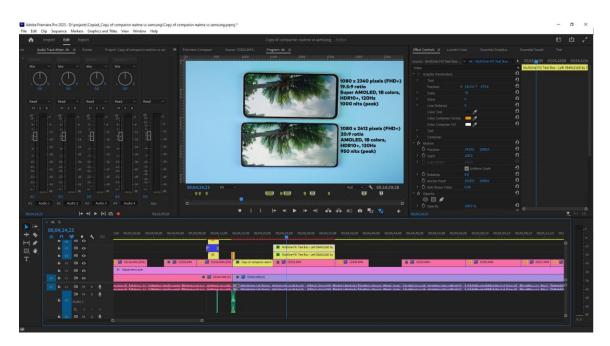


Fig 4.2.11: adding display text of two devices.

Another place where it was being spoken about processor of the smartphones I wrote text of the smartphone's processor name in left side of the screen, animated it while appearing and going out again. Added particle animated graphics behind the text and added a PNG image with transparent background over the main text (Fig 4.2.12).



Fig 4.2.12: adding Processor infographics.

In camera sample chapter where Mr Sohag talked about how good or bad the camera perform in daylight and other situation, I put both mobile camera's photo sample side by side. I also added text with dual stroke beneath the picture samples where it indicates which picture is from which smartphone camera (Fig 4.2.13).

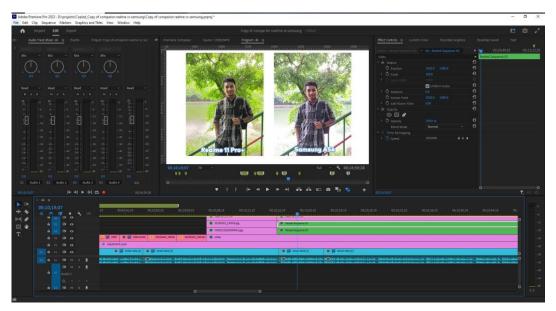


Fig 4.2.13: Adding Camera Samples.

I played back and forth frequently to check whether all assets were in right positions and aligned correctly with controlling few properties. There are few tricks like I copied and pasted one pictures common properties from effect control panel and pasted it on another picture to reduce the overall workflow (Fig 4.2.14).

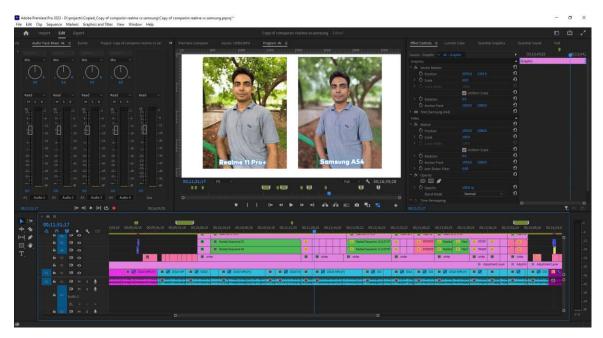


Fig 4.2.14: adding pictures and aligning.

I also added the video samples in the same process and then created a new layer where I put the adjustment layer and added Color grading via Lumetri color effects. I fixed the skin tone and graded color accordingly to look Mr Sohag more appealing (Fig 4.2.15).



Fig 4.2.15: Color grading the video.

I have selected the face in HSL part of the Lumetri Color panel. There I selected face with a color picker and then refined it with other tools (Fig 4.2.16).

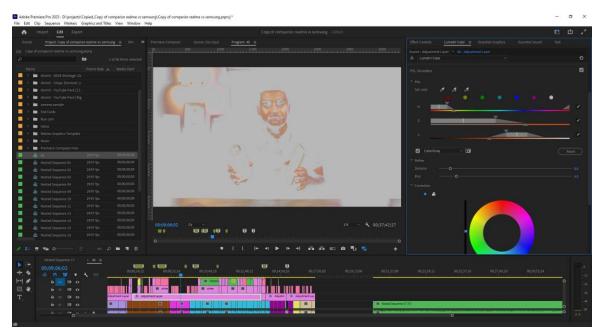


Fig 4.2.16: selecting face.

Then after everything put through I checked the whole timeline and after confirming, I rendered the video in 4K resolution in a specific place (Fig4.2.17). I rendered the video in Adobe Media encoder which is an efficient rendering software that works well syncing with Adobe Premiere Pro and Adobe After Effects. [6]

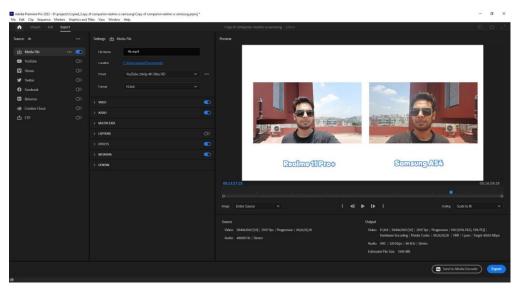


Fig 4.2.17: Rendering the video.

CHAPTER 05 OPPO FLIP N2

5.1 Background

OPPO flip N2 is a foldable flip smartphone from OPPO. This device has some unique characteristics. In this video it was focused on various features of this foldable flip phone. As this phone was a special device, we put efforts to make the video look visually special with various things.

This device was sent to us for a short time, so we did hurry things and did completed the video in a very short time, 4-5 days in total.

5.2 Development Method

First I collected and gathered all assets. Then I created the project in Adobe Premiere Pro. Then I created a sequence with 4K resolution of 3840*2160 dimension, video frame rate of 29.99fps which is actually 30fps. I then imported assets in the project in various folders/bin (Fig 5.2.1).

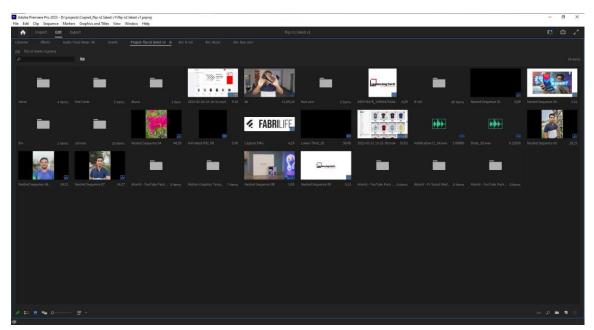


Fig 5.2.1: importing assets.

While importing all the A role and B role I looked if anything does not go missing. I also created proxy all the videos so that working with them becomes easier. Because 4K files take a lot of pressure on the computer and working with them with lot of effects become very hard. I created medium resolution proxy for all 4K files and rendered them in same file location with new folder and rendered the proxy files in Adobe Media Encoder (Fig 5.2.2).

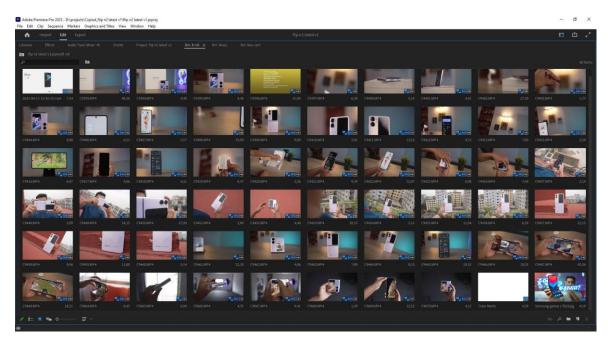


Fig 5.2.2: creating proxy files.

Then I started with A role, cutting unnecessary parts and then put B role in front of the A role. I also saw if the audio wave of the videos are okay in cut points (Fig 5.2.3).

≡ 2;02;18 ∩ % • ⊀ ≪	1,44,06 00,04,00,08	00,04,16,08	0,94,32,68 00,04	18,08 00,05,04,10	00,05,20,20	00;05;36;10 00;05;	52,10 00,56,06,12	80;06;74;12 00;06;4	9,12 09,06,56,13	00;07;12;14 00;07;2	1;14 00;07;44;14	00,08:00,36 80,6	00,16,16
6 ∨ 10 o 6 v 3 o													
										R Main Carnen Sampi		8 Nei 2	R Sain
	M Gel									· Netted Sequence 04			
				× 30					ł	BG3mov(28739)		10 10 10	BG1
	8 Ağıstmentleyer												
VI Video 1 4 0 3										AL .			
B M S ∰ Audio 1 0. 4 0 ⇒	a la rainete. A ser rainete.	an an an an Anna Anna An An Anna an Maria Anna An				alitete state	Turk Plan.			n persona di seconda d Na fina da seconda di se	an Pas Sala	Contraction of the local of the	
и Ван з ∯ и Ван з ∲ и Ван з ∲													

Fig 5.2.3: working with A role and B roles.

I checked if the B roles are matching the main video and looked if there was not big gaps between two B roles (Fig 5.2.4).



Fig 5.2.4: B role adding over A role.

I added some audio effects to clean the audio such as Multiband Compressor effect (Fig 5.2.5) and customized some parameteres. I chose the pop master preference and then added DeNoise and DeReverb effects in it. Then I checked if the effects actually brought any significally good changes. I found the effects are making the vocal sounding better. So I kept them that way.



Fig 5.2.5: adding audio effects.

I created a new video layer in the main sequence timeline. Then I created an adjustment layer in the project folder and put it in that layer. I expanded it to all over the timeframe of the video. After that, I color graded on that layer so that the whole Face Cam video get the same effect. I did basic color grading and then worked on the skin tone. I soften the skin and changed the color look with the tools underneath the HSL secondary panel (Fig 5.2.6).



Fig 5.2.6: color grading the skin tone and the video.

This video was sponsored by a tech gadgets selling brand named "Unboxing Tech". I put their logo and animated it on screen (Fig 5.2.7). Also added their shop's FB page's screen recoding.

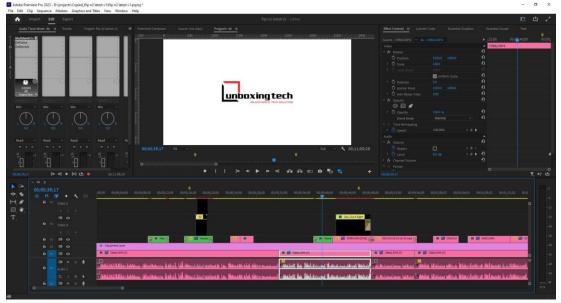


Fig 5.2.7: adding video sponsor info.

After that I added a callout text that shows the device's price. I customized the graphic parameters like the text, changing from default font to "Montserrat Black" font, scaled it properly (Fig 5.2.8).

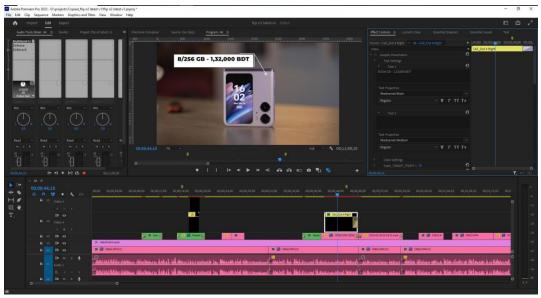


Fig 5.2.8: adding callout text.

In a B role that focused on display features, I put a call out text template and edited it. I added all the information that the display had. I manually tracked the motion and key framed the position of the call out template (Fig 5.2.9).

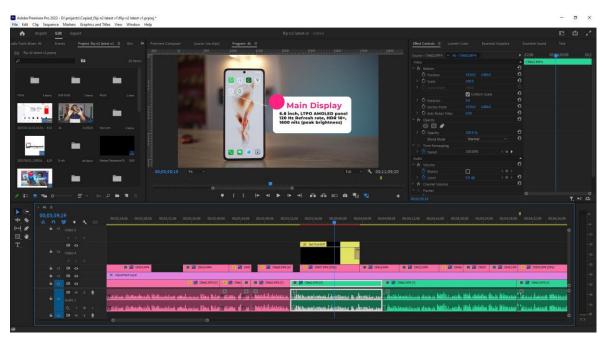


Fig 5.2.9: adding callout text.

I had added camera samples in the camera section of the video and indicated whether it's the main camera, or the selfie camera etc with a text in the right below corner of the screen (Fig 5.2.10).

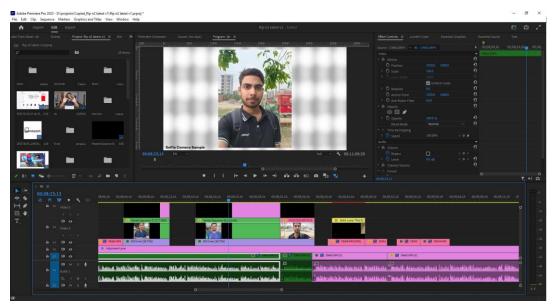


Fig 5.2.10: adding camera samples.

In a B role, where it focused the battery capacity of the smartphone, I added text graphics and added glitch effects to make it look cool. I animated the text in and out with key framing and chose a bright green color which means powering up (Fig 5.2.11).

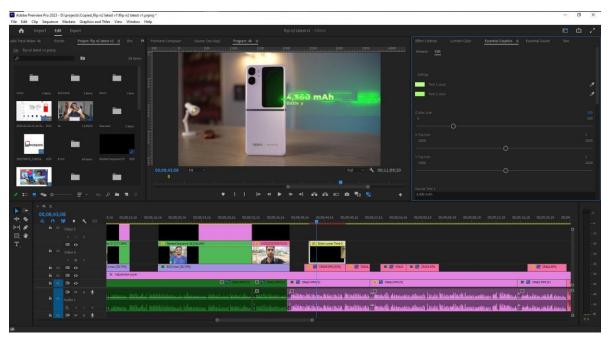


Fig 5.2.11: adding glitch animated text.

I added a bonus sponsored info in the videos ending section. I animated text with premade template and scaled and positioned it correctly (Fig 5.2.12).

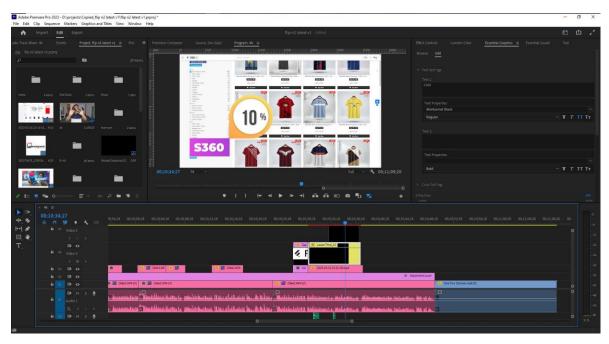


Fig 5.2.12: adding bonus sponsor info.

I added an premade End-card which commonly used in YouTube channels, where other channel, videos are promoted with YouTube Creator features. The End Card was in 1080p, so I scaled it up to 200% to match the 4K sequence (Fig 5.2.13).

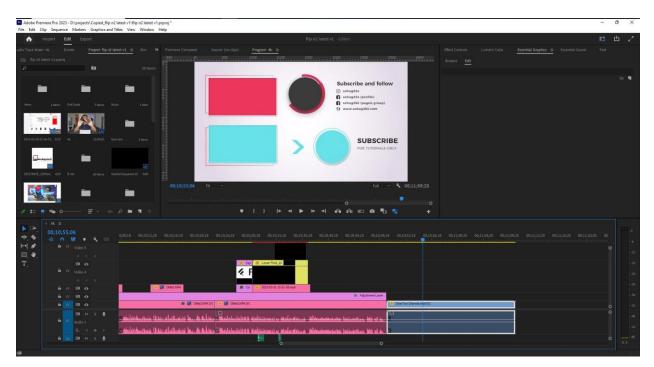
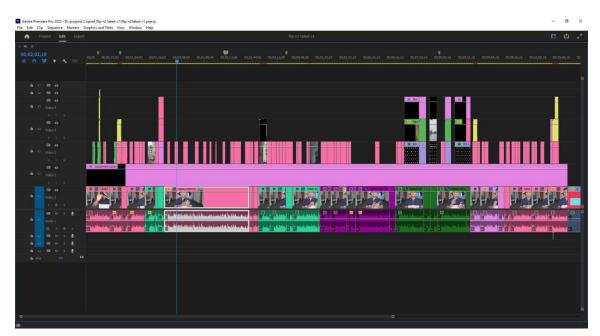


Fig 5.2.13: adding End-Card.



I checked the whole video repeatedly to find out if there was anything left out to do (Fig 5.2.14).

Fig 5.2.14: Whole timeline with all files.

After that I rendered the video in 4K resolution in a specific location. I also have configured all other settings properly (Fig 5.2.15). The rendering took about 30 minutes in Adobe Media Encoder. [7]

Import Edit	Export							
		Settings: (4) Me				Yeview		
] Media File	🥶		4k.mp4					
Voulube								
			Custom			CARS 1 215	THE REAL PROPERTY	C. C
Twitter		Format	H264					
			ri 204					
		~ VIDEO			•	• 1.495		
Creative Cloud		Basic Video Setting					Marke ANT	
				Match Source		and the second	A CONTRACTOR OF THE OWNER OF THE	
							Ar a bu	9
		Frame Rate						
		Field Order					_	
		🖾 Render at Mi	øimum Depth			annanan mananan an		
		🖾 Use Madmu	n Render Quality			Range Entire Source 🛩	{ ∢ ► 1► }	Scaling Scale to fit
		Render Aph				Source	Output	
		Time Interpolation:	Frame Sampling			Video: 3840x2160 (1.0) 2997 fps Progressive 00,11,09,20		97 fps Progressive 100 (63% HLG, 51% PQ)
		interposition;				Audio: 48000 Hz Stereo		Codec 00,11,09,20 VBR 1 pass Target 10.00 Mb
		Encoding Settings					Audio: AAC 320 kbps 48 kHz S Estimated File Size: 863 MB	tereo
			Hardware Encoding				Constitution i me const. OLD MID	

Fig 5.2.15: Rendering the video.

CHAPTER 06

WORKFLOW

Pre- Production	Production	Post Production
 Research Scripting User data of projects Shooting plan Making team ready 	 Operating camera gears and lighting for the shoot. Shooting videos Copying files from camera to computer 	 Working with the files and script Editing according to the script Working with Special Effects Adding Background Music if needed Adding sfx or special sound effects if needed. Color grading and other work
		◆Finalizing the project and rendering

CHAPTER 07

ABOUT THE SOFTWARE

7.1 Adobe Premiere Pro

Adobe Premiere Pro is a professional video editing software created by Adobe. This software is a industry leading video editing software which content creators, film makers everyone loves (Fig 7.1.1). [8]



Fig 7.1.1: Adobe Premiere Pro logo

Adobe Premiere pro has many tools and features which are easy to learn and use. Also many powerful tools exist those make this software a big gun for everyone. Nowadays, basic motion graphics work can be easily done by many third party plug ins which made Adobe Premiere Pro unbeatable in terms of handy.

7.2 Adobe After Effects

Adobe After Effects is a industry leading motion graphics designing and animating software which comes in Adobe Creative Cloud subscription plan. Adobe After Effect (Fig 7.2.1) is very handy in different kinds of 2D or 3D animations, Visual effects and many other works. [9]



Fig 7.2.1: Adobe After Effects Logo

7.3 Adobe Media Encoder

Adobe Media Encoder (Fig 7.3.1) is a software that is used to render the final output from other Adobe software like Adobe After Effects, Adobe Premiere Pro etc. Its very handy because it can handle multiple video rendering at the same time. It has many powerful feature such as Graphics Card Acceleration, Adobe software syncing etc. Its better to render via Adobe Media Encoder than default renderer of Adobe Premiere Pro or After Effects. [10]



Fig 7.3.1: Adobe Media Encoder

CHAPTER 08

PROBLEMS I FACED & SOLUTIONS

Video Editing is not an easy job. Many problems has to overcome to get successful. Not only mentality matters here, but also performance of the computer and the software also matter. Bellow I will show some problems which occurred in Adobe Premiere Pro, Adobe After Effects, Adobe Media Encoder. If the project file contains many effects, project elements, high resolution footages, then the rendering time could be delayed a lot (Fig 8.1.1). [11]

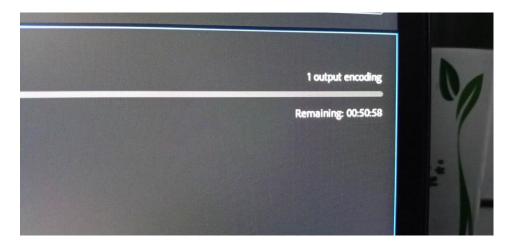


Fig 8.1.1: taking too much rendering time.

Sometimes if the project contains some complicated and much complexed part like after effect project which needs to sync rigorously during the rendering process then suddenly the project rendering process could get stuck. This solves automatically when that part get process inside the software (Fig 8.1.2).

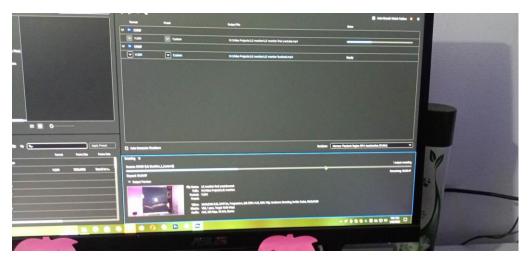


Fig 8.1.2: getting stuck on specific points.

Sometimes when opening a project, it takes time to show all project elements properly. During that time, this type of messages keep showing on the screen (Fig 8.1.3).



Fig 8.1.3: Media not connecting timely.

Adobe Creative Cloud is a premium monthly or annually subscription based software platform. If there any issue happens with payment failure or payment not made timely then the software will not work (Fig 8.1.4).

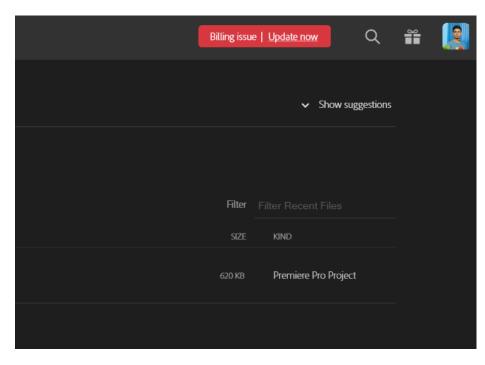


Fig 8.1.4: Adobe Subscription Plan issue.

The proxy files, those we create during editing, sometimes they get disconnected or takes time to load properly. That time all files shows blank files (Fig 8.1.5). [12]

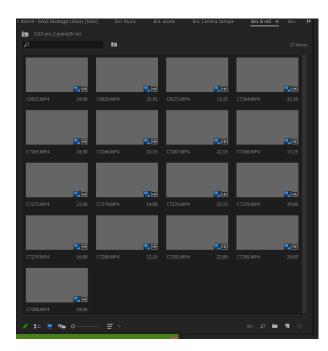


Fig 8.1.5: Proxy files disconnected.

Adobe Premiere Pro is infamous for getting crushed suddenly without any warning and that is really devastating. Here I faced such situation many times. This causes a great trouble as important Data could get lost and progress of workflow also get hampered (Fig 8.1.6). [13]

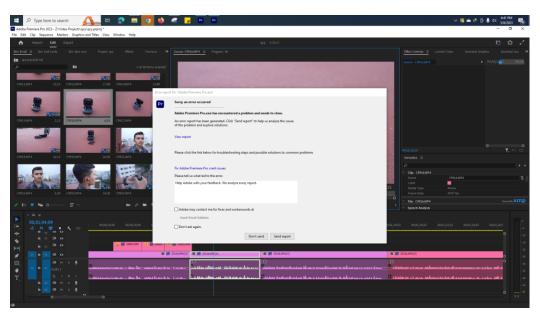


Fig 8.1.6: Adobe Premiere Pro crushing.

There has not any significant way or process invented that can prevent such occurrence. Even Adobe could not find a proper solution. So still today it is a big issue for editors. In big projects, software crush is really a threat that needs to overcome (Fig 8.1.7).

🖷 🔎 Type here to search 🛛 🏦 😩 🔲 🥥 🥌	🤹 📊 🖻 🔛	× 🖲 🖨	< 😇 40) 🌡 11:04 PM 🖓 4/28/2023
Adobe Premiere Pro 2023 - Z/Video Projects/xiaomi harry potter/Copy of recoveres of xiomi harry potter~n File Edit Clip Sequence Markers Graphics and Titles View Window Help	ecover, prproj		- 0 ×
A Import Edit Export	Copy of recoveres of xiomi harry potter-recover		E 🗅 🦯
Project: Copy of recoveres of xiomi harry potter-recover Bin: face cam Bin: B roll = >> So	uree: C6020.MP4 Program: 4k	Effect Controls = Lumetri Color Esser	
Copy of recoveres of idom1 harry potter-recover prproj18 roll			• 3 01,23,17,00
ρ 1 of 53 items selected			 C002DMP4 O
C0015.MP4 4;25 C0016.MP4 1;48 C0017.MP4 1;49 Error repo	rt for "Adobe Premiere Pro.exe"		
	Sorry, an error occurred		
The set ward of a set of the set			
	Adobe Premiere Pro.exe has encountered a problem and needs to close.		
C0018MP4 4:17 C0019MP4 9:16 C0020MP4 11:01	An error report has been generated. Click: "Send report" to help us analyze the cause of the problem and explore solutions.		
		Metadata 🗉	
	View report		
The second se			
	Please click the link below for troubleshooting steps and possible solutions to common problems	Name C0020.MP4	
C0021MP4 39;30 C0022MP4 28;00 C0023MP4 3;31		Label Movie	
	Fix Adobe Premiere Pro crash issues		
	Please tell us what led to the error.	Media Start 01;22;28;42 Media End 01:23:44:15	
	Help Adobe with your feedback. We analyze every report.	Media Outation 00;01;15;34	
	01		
C0024MP4 11;29 C0026MP4 26;00 C0027MP4 20;00			
/ = = = • • • • • • • • • • • • • • • •			
	Adobe may contact me for fixes and workarounds at	Speech Analysis	
- 4k ≡	Insert Email Address		
00;06;15;01	Don't ask again. 0.00.40		
	Don't send Send report		• 42
<u>б</u> иро •	bont send Sena report		
favi Bro			
6 V2 B O			-20
			0
ан н з ф — Ш			
	terrestances i till the set in a second of the set of the set of the second set in the second of the se	18. is daine daine dan and an an sharasan.	Automation of the second second
	teerentee, waar kirklikala wali mak bermanarian 🚬 maa ali karint terkirist. maa 🙃 talishutimaantu s lista mu	l de seistamen Åsterkensen den saktille annakaturene.	
B⊐ H S ∰ fi 42 - s s s			
6			

Fig 8.1.7: Premiere Pro crush.

In complex project where lots of elements are being used, the pheromone seemed to happen very often (Fig 8.1.8). Also This could be an issue of software bugs of different software updates, unsupported media presents in project files etc.

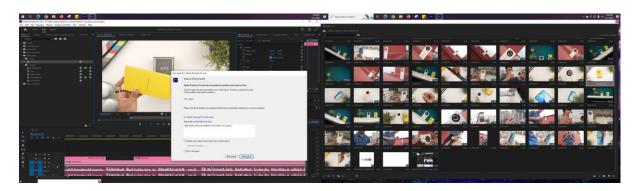


Fig 8.1.8: Software crushing suddenly.

If the project files get corrupted for various reasons, or if third party plug-ins used in the project, then it could also be a reason for the software to crush. The Premiere Pro does not provide complete compatibility to all third party plug-ins where it creates software issue (Fig 8.1.9).

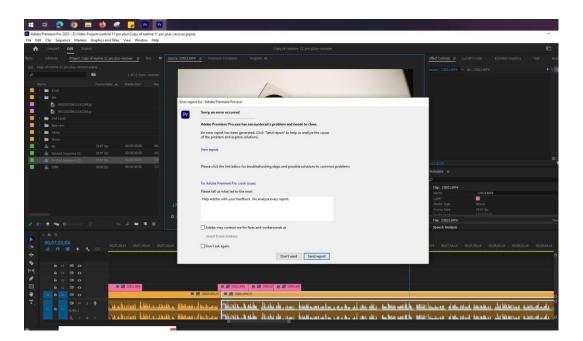


Fig 8.1.9: Premiere pro crush.

CHAPTER 09 CONCLUSION

This Internship project has taught me many things and I have gathered many knowledge and experiences from this. As a video editor and a visualizer what is most important and what can improve a video quality, how to reach clients expectations and become a better service person everything I have learned here are very much important and valuable.

This Internship has given me golden opportunity of learning real life knowledge about video editing and I have used this opportunity as much as I could. I was always keen to know about things those I did not know when I started my editing journey. This internships offered the chance to work on real projects and tasks relevant to my field. This practical experience have enhanced my understanding of concepts I have learned in school and allow myself to apply them in a real-world context.

A software is just a tool. Creativity and imagination is what shapes our visual representations or videos. This internship gave me industry exposure and I have gained insights into the daily operations, workflows, and challenges that professionals face, giving me a more realistic view of the industry beyond the classroom. Balancing internship tasks with other responsibilities taught me how to manage my time effectively, a skill that's crucial in any professional setting.

I hope in future the learnings I got from Sohag360 will help me in many ways, in my career.

REFERENCES

- "Sohag360 YouTube" [Online], available at < <u>https://www.youtube.com/c/Sohag360/videos</u> > Last accessed on 16-08-2023 at 11.35pm
- "Facebook" [Online], available at
 < <u>https://www.facebook.com/Sohag224</u> >
 Last accessed on 16-08-2023 at 11.40pm
- "VIVO V27e Aura Portrait Delight every moment" [Online], available at < <u>https://www.vivo.com/bd/products/v27e</u> > Last accessed on 16-08-2023 at 11.58pm
- 4. "Vivo V27e Full Review Is It a good choice?" [Online], available at < <u>https://www.youtube.com/watch?v=j_XIXvxgkME</u> > Last accessed on 16-08-2023 at 11.45pm
- 5. "This Foldable Laptop is Cool!" [Online], available at < <u>https://www.youtube.com/watch?v=4-euhnvYF2c&t=29s</u> > Last accessed on 16-08-2023 at 11.50pm
- 6. "Samsung Galaxy A54 vs Realme 11 Pro Plus The Battle under 40K" [Online], available at
 < <u>https://www.youtube.com/watch?v=8kFGmtM-9RY&t=748s</u> > Last accessed on 16-08-2023 at 11.55pm
- "OPPO Find N2 Flip Better than Samsung?" [Online], available at
 <u>https://www.youtube.com/watch?v=I_y2e8gycQI&t=5s</u> >
 Last accessed on 16-08-2023 at 11.58pm

- "Professional Video Editing Software | Adobe Premiere Pro" [Online], available at < <u>https://www.adobe.com/products/premiere.html</u> > Last accessed on 17-08-2023 at 12.02am
- 9. "Motion Graphics Software | Adobe After Effects" [Online], available at < <u>https://www.adobe.com/products/aftereffects.html</u> > Last accessed on 17-08-2023 at 12.06am
- 10. "Free Media Encoder | Download Free Media Encoder Trial" [Online], available at < <u>https://www.adobe.com/products/media-encoder.html</u> > Last accessed on 17-08-2023 at 12.10am
- 11. "Solved: Extremely Slow Render/Export on Media Encoder" [Online], available at < <u>https://community.adobe.com/t5/adobe-media-encoder-discussions/extremely-slow-render-export-on-adobe-media-encoder-2022/td-p/12813374</u> > Last accessed on 17-08-2023 at 12.20am
- 12. "Proxies not working any tips? Adobe Support Community" [Online], available at <<u>https://community.adobe.com/t5/premiere-pro-discussions/proxies-not-working-any-tips/m-p/8999655</u> > Last accessed on 17-08-2023 at 12.25am
- 13. "How to fix Premiere Pro crash issues Adobe Support" [Online], available at <<u>https://helpx.adobe.com/premiere-pro/kb/fix-premiere-pro-crash-issues.html#:~:text=Other%20launch%2Fcrash%20issues&text=Check%20if%20any%20instance%20of,cache%20to%20fix%20this%20issue.</u>> Last accessed on 17-08-2023 at 12.30am