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I confirm that I understand my coursework needs to be submitted online via Google Classroom under the relevant module page before the deadline in order for my assignment to be accepted and marked. I am fully aware that late submissions will be treated as non-submission and a marks of zero will be awarded.

Acknowledgement

I have taken efforts in this project. However, it would be selfish and unethical of me to accredit all the accomplishment to myself. Although it was an individual project, several external volunteers gave me an enthusiastic co-operative hand in the completion of this project.

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1. Introduction

1.1. Background of the Placement

I was accepted by PL Multimedia Service Remote Internship for both the application development and web development teams for my internship placement, and I ultimately choose to work with the web development team.

PL Multimedia Service is a committed group of IT and multimedia experts operating out of Chitwan, Nepal, and providing web-related services and specialized media. They provide easy-to-use custom-fit goods with a high return on investment for both customers and businesses. They strive to provide clients with a finished, useful product.

कम्पनी दर्ता नं: ३७७२४६/०७८/०७९



पि एल मल्टिमिडिया समिसि प्रा लि भरतपुर-२०, धर्मभकारी चोक, चितवन

"स्थानीय स्तरमा दर्ता भएको पहिलो मिडिया हाउस "

हाङ्गा सेवाहरू :

अफलाइन/अनलाइन विज्ञापन, मिडिया मार्केटिङ, बल्क म्यासेज, टेलिमिजन/रेडियोमा विज्ञापन,
पत्रपत्रिकामा विज्ञापन, वेबसाइट डिजाइन साथै सम्पूर्ण मिडिया सम्बन्धि कार्यहरू

Figure 1: PL Multimedia Service Pvt. Ltd.

WEB Link: <https://plmultimediaservice.com>

The business coexists with Chitrawan Khabar, Chanauli Bazar Dharmabhakari, and Chitwan, Nepal. There was no need to go to the workplace as the internship was remote. The manager would physically meet with us at Islington College whenever he could.

PL Multimedia Service Pvt Ltd. Location: <https://goo.gl/maps/H7Rw4YZr66pXCDxD6>

1.2. Structure and Role of the Company

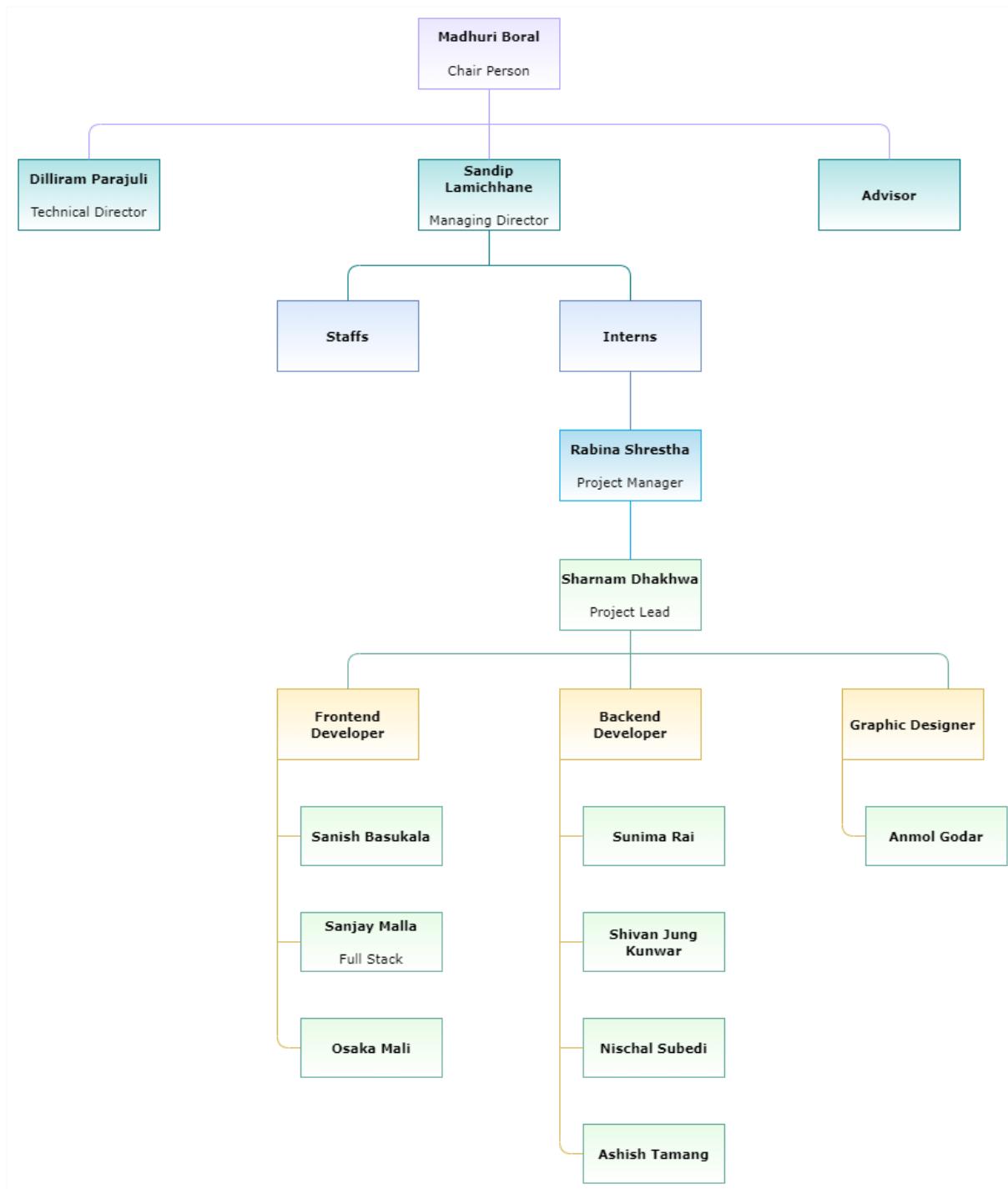


Figure 2: Organizational Structure of the PL Multimedia Service Pvt Ltd.

Given that it only recently began operating in the IT sector in 2021, the company is rather modest.. As a work-from-home intern, Mr. Sandip Lamichhane was the only person we spoke to.

1.3. Details of the Specific Department Worked In

We worked under the guidance of Mr. Sandip Lamichhane once our internship with PL Multimedia Service was confirmed. Our web development team was tasked with developing the company's official website. Since I was the project manager, I was the link between the supervisor and team members. I had to communicate with our supervisor the most.

There were nine members of my team, all of them were from Islington. Through our supervisor's request, Mr. Biwash Adhikari volunteered to act as our internal supervisor. Additionally, Mr. Aarush Thapa, the director of Leaf Academy, occasionally assisted us.

Company's Supervisor:

- Mr. Sandip Lamichhane

Unofficial Internal / External Supervisor:

- Mr. Biwash Adhikari
- Mr. Aarush Thapa

Project Manager:

- Rabina Shrestha

Team Co-Workers:

- Sharnam Dhakhwa
- Sanish Basukala
- Shivan Jung Kunwar
- Nischal Subedi
- Sanjay Malla
- Sunima Rai
- Anmol Godar
- Osaka Mali
- Ashish Tamang

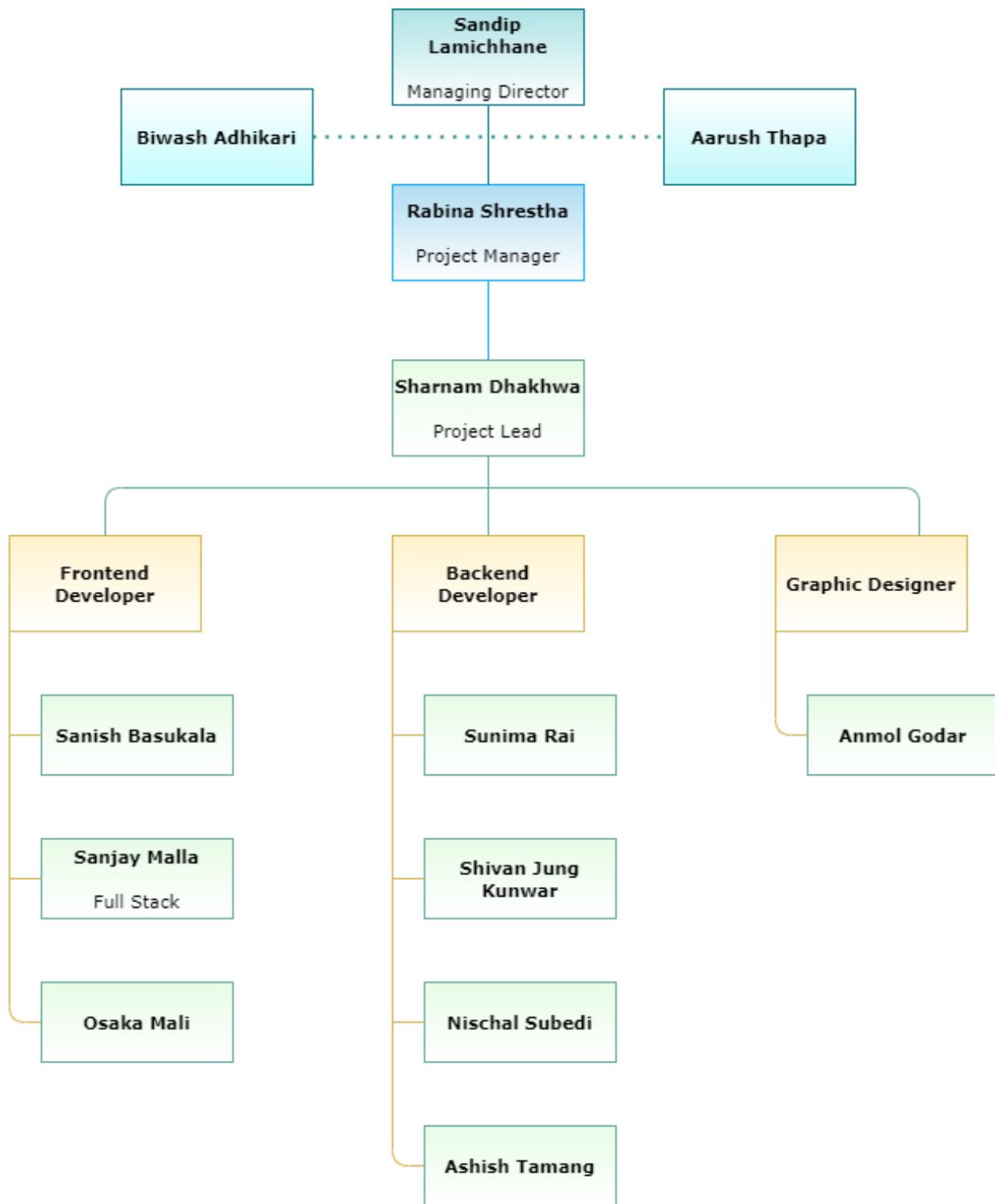


Figure 3: Organizational Sub-Department Chart.

2. Review of Activities

2.1. WRL Form

Learning Outcomes ID	Learning outcomes	Activities and tasks	Evidence
LO1	To learn complete full-stack web development.	I will learn full-stack web development using REACT, CSS for the front end and Strapi, PostgreSQL or MySQL for the back end.	The proof of me working on the both frontend and backend of the website will be provided through screenshots of VsCode and EmailJs.
LO2	Complete development of the website from scratch to making the project live on web.	I will work with the team to create a basic wireframe along with the draft design of the website on Figma, combine both frontend and backend and host the website using cPanel.	The screenshots of the completed project along with the link of the developed website will be provided. The files of wireframe and Figma design will be attached as well.
LO3	Increase knowledge in CMS (Content Management System).	I will learn more about CMS and apply the fully functional CMS to the website.	The evidence of me working on the CMS will be provided through screenshots of PostgreSQL.

LO4	Project Management Skills	<p>I will assign roles and tasks to the team members. Keep track of the progress and organize meetings with the supervisor to get feedbacks as well as to project issues and problems to lead the project to success.</p>	<p>I will provide screenshots of me assigning tasks, recording of the meeting, meeting's date and time, and progress report along with the to and fro conversation with the supervisor.</p>
LO5	Team Work and Communication Skills	<p>I will try to proficiently communicate with the team members. Work and share new ideas, perceptive and extend knowledge in certain things.</p>	<p>I will provide screenshots of team work along with real time videos, and conversations between the team members and the advice given regarding an idea.</p>
LO6	Time Management	<p>I will try my best to maintain working hours and complete a task in the given time. I will try to cover up and help other team members if necessary.</p>	<p>I will provide the daily logs along with the detailed note of the work done during the work period. Added, I will provide evidence of the works that I took over which had some loose ends.</p>

LO7	Trust-Building Skill	I will try my best to earn trust of the team members. Help them, when necessary, provide honest feedback and involve them in the decision making process.	I will provide screenshots, messages, and videos of me assisting my team mates when in time of trouble. The evidence regarding me acting as a mediator between the team members and the supervisor will be provided.
LO8	Adaptability Skill	I will try my best to be adaptable according to the needs and wants of the client along with the feedbacks given.	I will provide screenshots and messages of me consulting the client about their needs and wants.
LO9	Develop Research Skills	I will research about various important terms and bring out different ideas.	I will provide screenshots of my research and will also provide screenshots of implementing the ideas to the team.
LO10	Problem-Solving Skills.	I will research and think of a solution to fix a problem as soon as possible.	I will provide screenshots of the problems and how I overcame them.

Table 1: WRL-Form Table.

2.2. WRL Learning Outcome Review

2.2.1. LO1: To learn complete full-stack web development.

During my internship, I was given the opportunity to work on a project from scratch. While I had prior experience in frontend development, I wanted to expand my skills and knowledge by contributing to the backend development as well. This led me to work on various aspects of the project, such as implementing CMS, integrating email JS, and integrating Khalti payment gateway into the website.

Working on these tasks helped me understand the project and its requirements in-depth. It also gave me exposure to full-stack web development and allowed me to learn about the different technologies and tools used in building a web application. Overall, the experience has been rewarding, as it has helped me broaden my horizon and learn new skills that I can apply in future projects.

Evidence: 8.5.1. LO1: To learn complete full-stack web development.

2.2.2. LO2: Complete development of the website from scratch to making the project live on web.

We were given the task to develop a website without much prior knowledge or guidance. To kick-start the process, we created a requirement survey form to gather information on the necessary functions and services the website needed to provide. Once we had a clear understanding of the requirements, we moved on to the next phase, which involved creating wireframes to visualize the website's layout and structure. After getting the wireframes approved, we designed the website's prototype using Figma.

Moving forward, we started developing the frontend using React. We used Strapi, a content management system, to manage the website's content, making it easier for us to update and modify the website's content. Finally, we used Heroku to host the website, making it accessible to the public. We successfully developed and deployed a functional and visually appealing website.

Evidence: 8.5.2. LO2: Complete development of the website from scratch to making the project live on web.

2.2.3. LO3: Increase knowledge in CMS (Content Management System).

Initially, I was unsure about how to incorporate a content management system into the website. However, as it was a requirement for the project, we had to find a suitable solution that would enable the company to post blogs, update their recent works in the portfolio section, and keep the list of interns up to date.

After conducting thorough research and exploring various tutorials, I became familiar with the concept of content management systems. We ultimately decided to use Strapi, as it was an easy-to-use and highly customizable CMS that provided a broad range of options. It was the ideal choice and we successfully integrated it into the website, allowing the company to manage their content with ease.

Evidence: 8.5.3. LO3: Increase knowledge in CMS (Content Management System).

2.2.4. LO4: Project Management Skills.

From the beginning of the project, I was assigned the role of project manager to lead the web development team. I was responsible for recruiting interns and introducing them to the company and the supervisor through emails and a WhatsApp group. I also had to come up with ideas for the workflow and choose the appropriate programming languages, which led to the decision to use React. I was also responsible for delegating tasks to team members and providing warnings if necessary. As this was a remote internship, I managed the attendance sheet, with most attendance being based on attending meetings. I scheduled regular meetings with the supervisor to discuss progress and divided tasks among team members.

To streamline our meetings with the supervisor, we held informal group meetings beforehand to discuss any confusion and track progress. Team members also relied on me to conduct meetings with other mentors and supervisors. I maintained their work logs and provided honest feedback at the end of our internship. Overall, my role as project manager involved coordinating and managing the team, ensuring efficient communication and collaboration, and tracking progress towards our goals.

Evidence: 8.5.4. LO4: Project Management Skills.

2.2.5. LO5: Team Work and Communication Skills.

As this was a remote internship, the team members and supervisor relied on online sources like Google Meet to communicate. We; the team members, used Discord to communicate and work. We stayed on calls for long hours while using the Live Share Extension in Visual Studio Code to work on the code together.

Effective communication and teamwork were essential for completing the tasks successfully, and whenever necessary we expressed our dissatisfaction and worked on it together. Without proper communication and teamwork, we would not have been able to deploy the project within the given time frame.

Evidence: 8.5.5. LO5: Team Work and Communication Skills.

2.2.6. LO6: Time Management.

Time management is a crucial aspect of any project, and it played a significant role in the success of our internship project. As project manager, I had to ensure that tasks were completed within the given timeframe and that team members were meeting their deadlines. However, two members kept asking for more time to complete their task. This caused delays and affected the whole team's progress. Even after multiple extensions, the work submitted was of poor quality and required extensive refining from scratch. I gave multiple warning but was disregarded to which our only solution was to report the situation to our supervisor.

To ensure sure the project proceeded as planned, we took over their task and put in extra time. By managing our time effectively, we were able to complete the project within the given timeframe, meet our goals, and deliver a successful final product.

Evidence: 8.5.6. LO6: Time Management.

2.2.7. LO7: Trust-Building Skill.

Trust building skills are essential in any team project. It was my responsibility to build trust among team members and ensure a positive working environment. To build trust, I made sure to communicate openly and transparently with team members, and encouraged them to do the same. I listened to their concerns and suggestions, and provided feedbacks to help them improve their work. We were able to build trust and establish a

strong team dynamic. Additionally, I made sure to hold team members accountable for their work.

Evidence: 8.5.7. LO7: Trust-Building Skill.

2.2.8. LO8: Adaptability Skill.

My adaptability skills were demonstrated throughout the project as we encountered unexpected challenges. We had to be flexible and open-minded, willing to learn new skills and take on new responsibilities to meet project goals. We changed our approach to the email section, opting for email js instead of Node Js, and decided to use Strapi for CMS. When some team members were not meeting expectations, we took over their tasks to keep the project on track.

We also adapted to our client's vision by adding intern's page, implementing domain search, changing logo, homepage, and font to suit the client's taste. When we couldn't connect Strapi to the database after hosting it in Cpanel, we quickly pivoted and switched to Heroku to host the website.

Evidence: 8.5.8. LO8: Adaptability Skill.

2.2.9. LO9: Develop Research Skills.

As a team with little to no prior experience in the professional IT industry, we were constantly learning and researching to improve our skills and knowledge. We turned to LinkedIn Learning to become more familiar with the language we were using and searched for efficient ways to implement features like the email functionality on the contact us page. After learning about data mapping, we decided to incorporate it into our system.

We also came across the live share extension provided by VSCode through research. This tool allowed us to work together seamlessly by editing the same file and resolving issues in real-time, which significantly expedited the development process. We decided to use headless CMS on our intern, blogs, and portfolio pages. Additionally, we had to pivot our hosting plans when we encountered issues with Cpanel, ultimately opting to use Heroku, a free web hosting site, to host our website.

Evidence: 8.5.9. LO9: Develop Research Skills.

2.2.1O. LO10: Problem-Solving Skills.

Problem solving skills are essential in any work setting, as they enable individuals and teams to surmount challenges and reach their objectives. This frequently involves brainstorming with colleagues and considering alternative approaches to the problem at hand.

In our project, we utilized problem-solving skills by researching, communicating, and seeking alternative ways to overcome obstacles. For example, we switched to email js when node js proved problematic, moved to Heroku when Cpanel failed to work, and took on additional responsibilities when team members caused delays. Furthermore, we worked to understand the root causes of the issues in order to avoid repeating the same mistakes.

Evidence: 8.5.10. LO10: Problem-Solving Skills.

3. Academic Context

The course modules provided by Islington which helped me adapt to the real time industry are as follows:

3.1. Introduction to Information Systems (1st Year)

This is one of the module that involved building a webpage using HTML, CSS, and JavaScript. Through this project, we gained practical knowledge in creating websites and became familiar with CSS.

3.2. Emerging Programming Platforms and Technologies (2nd Year)

One of the modules that included a group project which introduced us to GitHub. This experience gave us insight into how to minimize and resolve conflicts when working in a professional setting

3.3. Network and Operating Systems (2nd Year)

We were required to acquire knowledge of terminal commands, specifically the cmd prompt. The knowledge gained from this course proved beneficial when working with Git and React, as we utilized commands such as 'npm install' and 'npx create-react-app PLMultimedia'.

3.4. Software Engineering (2nd Year)

The software engineering course we took in our second year proved useful when we were initially unsure how to approach our project. By referencing the SRS (Software Requirements Specification) that was taught in the course, we were able to create a requirement form that helped us start the project and identify necessary functions.

3.5. Profession Issues Ethics and Computer Law (2nd Year)

After writing and deploying the website, we went through a process of refactoring the code and reorganizing the folders. Our goal was to make the code more easily understandable for future developers who might take over the project. We followed professional ethical standards by including comments throughout the code and creating a detailed README file.

4. Abilities Evaluation

4.1. LO1: To learn complete full-stack web development.

By becoming a full stack web developer, you can acquire a comprehensive skill set that enables you to handle various tasks independently. As a full stack developer, you will not have to rely on someone else's expertise to get things done.

Gaining knowledge in both front-end and back-end development can be valuable, as it allows you to comprehend code more easily and thoroughly. This skill set can pave the way for a successful career as a web developer.

4.2. LO2: Complete development of the website from scratch to making the project live on web.

The ability to handle a project from start to finish, including identifying requirements, determining important features, defining services, creating wireframes, designing prototypes, developing both front-end and back-end code, and deploying a website, is a valuable and impressive skill.

Possessing this broad range of skills can prove useful in a variety of contexts, enabling you to be more effective in your work and making you an asset to any team or organization.

4.3. LO3: Increase knowledge in CMS (Content Management System).

CMS is widely used by many websites and businesses, so having knowledge in CMS can demonstrate a practical understanding of website development and management. It makes it easier for companies to create and manage website content, which can save time and improve productivity.

Having knowledge in CMS can showcase a well-rounded set of skills and expertise in website development and management

4.4. LO4: Project Management Skills

Undertaking a project management role during my first internship and successfully completing and deploying the website with positive feedback from the client can set me

apart from my competitors. Not only did I acquire technical skills in web development, but I also gained valuable experience in project management, leadership, and communication.

Being able to handle the responsibility of leading a team and a project shows a high level of initiative, self-motivation, and willingness to take on challenges. This is a trait that can be highly impressive to potential employers as it demonstrates a strong work ethic and the ability to deliver results.

4.5. LO5: Team Work and Communication Skills

Teamwork and communication skills are crucial in both personal and professional life. In the workplace, teamwork allows individuals to work together towards a common goal, increasing efficiency, productivity, and creativity. Communication skills are essential for effective teamwork as they allow individuals to share ideas, provide feedback, and work towards common goals.

Being a project manager, this internship gave me a chance to showcase my technical skills but demonstrated my leadership, communication, and problem-solving abilities, which can make me an attractive candidate for future job opportunities.

4.6. LO6: Time Management

Time management is a vital skill that involves prioritizing tasks, organizing schedules, allocating time effectively, and meeting deadlines. By mastering time management skills, individuals can accomplish more tasks in a shorter amount of time, which ultimately leads to higher productivity and a better work environment.

Additionally, it involved assigning meetings and tasks in a way that allows for maximum productivity and minimizing wasted time. This skill will prove to be very essential as it enables us to use our time effectively and achieve goals efficiently.

4.7. LO7: Trust-Building Skill

Establishing a positive and supportive environment during a project is essential to foster trust and encourage effective communication between team members and clients. When team members and clients are able to communicate freely and honestly without fear of

judgment or reprisal, they are more likely to be transparent and share important information. This ultimately leads to better collaboration and a more successful project outcome.

4.8. LO8: Adaptability Skill

Adaptability skills refer to an individual's ability to adjust to new situations, changing environments, and unexpected circumstances. This skill involves being flexible and open-minded, able to change direction or approach as needed, and willing to learn new skills and take on new challenges which can be seen in this project. This skill is very essential in today's rapidly changing work environment.

4.9. LO9: Develop Research Skills

Research skills involve the ability to gather, analyse, and interpret information from various sources. These skills include identifying relevant sources, evaluating the alternative solutions and presenting the most effective findings in a clear and concise manner to the team members. This skill is very useful in technical IT profession as we thrive to do our work efficiently.

4.10. LO10: Problem-Solving Skills.

A developer who can effectively identify problems, take appropriate measures, consider alternative solutions, and implement effective solutions into the workflow will possess a highly valuable set of skills. This ability requires a combination of problem-solving, critical thinking, and decision-making skills, as well as the ability to adapt to changing circumstances and think creatively.

By possessing these skills, I can make a significant contribution to the success of any project or organization, and will be able to stand out as a highly competent and capable professional.

5. Challenges

5.1. Internet Connection

The team faced some delay in work when one of the team member could not submit the assigned work on time due to the internet problems.

5.2. Team Communication

Some team members were reluctant to ask for help and provided inadequate codes that either had to be completely rewritten or were taken over by another team member.

5.3. Incompetence

Two members kept asking for more time to complete their task. This caused delays and affected the whole team's progress. Even after multiple extensions, the work submitted was of poor quality and required extensive refining from scratch.

5.4. New Topic and Contents with No Guidance

Since most of the things were unfamiliar to us and we received little to no guidance in this remote internship, we had to conduct an in-depth research on everything on our own.

5.5. Database Connectivity

Strapi and the website was initially hosted in the Cpanel, but due to compatibility issues, we were unable to connect it to the database, therefore we had to look for another hosting provider.

6. Conclusion

6.1. Personal Reflection

The Work-Related Learning (WRL) module stands out from the others in a special way. This session provided us with the chance to get out and experience what it would be like to work in an organization. Working in real-time gave me information and experience that were extremely different from what I learned from prior modules.

The opportunity I had to work as the project manager and web developer during my internship was thrilling and rewarding. I had the opportunity to pursue my interests and learn about numerous concepts. I think the skills I picked up during my internship at PL Multimedia Services will come in extremely handy and be highly valuable for my future and career. The soft skills that have been developed and acquired will be very useful in my everyday life. My confidence has grown as a result of the internship, and it has helped me understand that working in the real world is not as terrifying as it first appeared to be.

6.2. Future-Plans

The internship was a significant milestone in my journey towards the IT industry, which enabled me to acquire invaluable knowledge and experience, as well as build my confidence. My future plans include continuing to work on web development while exploring application development. I am currently researching various frameworks to determine which one will best suit my needs.

Additionally, after completing my graduation, I intend to gain more practical experience in UI/UX design and full-stack web development for a year or more before boarding on a master's degree program.

I believe this approach will enhance my knowledge, skills, and competencies, enabling me to advance in my career and achieve my long-term aspirations.

8. Appendix

8.1. WRL Form (Signed)

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Proposed learning outcomes from the Work Related Learning Activity:

Learning Outcome ID	Learning outcomes	Activities and tasks	Evidence
LO1	To learn complete full-stack web development.	I will learn full-stack web development using REACT, CSS for the front end and Strapi, PostgreSQL or MySQL for the back end.	The proof of me working on the both frontend and backend of the website will be provided through screenshots of VsCode and EmailJs.
LO2	Complete development of the website from scratch to making the project live on web.	I will work with the team to create a basic wireframe along with the draft design of the website on Figma, combine both frontend and backend and host the website using cPanel.	The screenshots of the completed project along with the link of the developed website will be provided. The files of wireframe and Figma design will be attached as well.
LO3	Increase knowledge in CMS (Content Management System).	I will learn more about CMS and apply the fully functional CMS to the website.	The evidence of me working on the CMS will be provided through screenshots of PostgreSQL.
LO4	Project Management Skills	I will assign roles and tasks to the team members. Keep track of the progress and organize meetings with the supervisor to get feedbacks as well as to project issues and	I will provide screenshots of me assigning tasks, recording of the meeting, meeting's date and time, and progress report along with the to and fro

		problems to lead the project to success.	conversation with the supervisor.
LO5	Team Work and Communication Skills	I will try to proficiently communicate with the team members. Work and share new ideas, perceptive and extend knowledge in certain things.	I will provide screenshots of team work along with real time videos, and conversations between the team members and the advice given regarding an idea.
LO6	Time Management	I will try my best to maintain working hours and complete a task in the given time. I will try to cover up and help other team members if necessary.	I will provide the daily logs along with the detailed note of the work done during the work period. Added, I will provide evidence of the works that I took over which had some loose ends.
LO7	Trust-Building Skill	I will try my best to earn trust of the team members. Help them, when necessary, provide honest feedback and involve them in the decision making process.	I will provide screenshots, messages, and videos of me assisting my team mates when in time of trouble. The evidence regarding me acting as a mediator between the team members and the supervisor will be provided.
LO8	Adaptability Skill	I will try my best to be adaptable according to the needs and wants of	I will provide screenshots and messages of me

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		the client along with the feedbacks given.	consulting the client about their needs and wants.
LO9	Develop Research Skills	I will research about various important terms and bring out different ideas.	I will provide screenshots of my research and will also provide screenshots of implementing the ideas to the team.
LO10	Problem-Solving Skills.	I will research and think of a solution to fix a problem as soon as possible.	I will provide screenshots of the problems and how I overcame them.

This form is approved by WRL academic supervisor

Academic Supervisor Name: Umesh Nepal

Academic Supervisor Signature:

Date of Signature:

2023/09/07

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School of Computing

If you work at an external company or organization, the following "Health and Safety checklist" form must be completed before your placement can be approved.



**External Work Related Learning (PLACEMENT) PROVIDER
HEALTH AND SAFETY CHECKLIST**

Name of the Placement Provider (Company name): PL Multimedia Service Pvt Ltd

Placement site Supervisor: Sandip Lamichhane

Supervisor's Position: Managing Director

Address: Chitawan Khabar, Chanauli Bazar Dharmabakari, 44200

Email: info@plmultimediaservice.com

Telephone: 056-537276, 9860283950, 9849970333

		Yes	No
1	Do you have a written Health & Safety policy?		✓
2	Do you have a policy regarding health and safety training for people working in your undertaking, including use of vehicles, plant and equipment, and will you provide all necessary health and safety training for the student?		✓
3	Is the organisation registered with? (tick as appropriate) (a) the Health & Safety Executive or (b) the Local Authority Environmental Health Department		✓
4	Insurance (a) Is Employer and Public Liability Insurance which will cover the duration of the placement? (b) Employer and Public Liability Insurance policy number _____ (c) Will your insurance cover any liability incurred by a placement student as a result of his/her duties as an employee?		✓
5	Risk Assessment (a) Have you carried out any risk assessment of your work practices to identify possible risks whether to your own employees or to others within your undertaking? (b) Are risk assessments kept under regular review? (c) Are the results of risk assessment implemented?		✓
6	Accidents and Incidents		✓

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(a)Is there a formal procedure for reporting and recording accidents and incidents in accordance with RIDDOR (Reporting of Injuries, Disease & Dangerous Occurrence Regulations)? (b)Have you procedures to be followed in the event of serious and imminent danger to people at work in your undertaking? (c)Will you report to the university all recorded accidents involving placement students? (d)Will you report to the university any sickness involving placement students which may be attributable to the work.		
---	--	--

The above statements are true to the best of my knowledge and belief.

Signed on behalf of the company with the company stamp:

Name: PL Multimedia Service Pvt Ltd

Signature:

Date: 2023/05/07



Figure 4: WRL Signed LA Form.

8.2. Attendance Sheet (Signed)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	Web Development	Start Date : 23rd July							Today's date	5/9	Total Students			10						
2	Student Name	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
3	Ashish Tamang	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Osaka Mali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	Rabina Shrestha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Sanish Basukala	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Sanjay Malla	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Sharnam Dhakwa	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	Sunima Rai	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	Anmol Goddar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	Shivan Jung Kunwar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	Nischal Subedi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				
25																				
26																				
27																				


 Supervisor's Signature
 Mr. Sandip Lamichhane


 Company's Stamp
 PL Multimedia Pvt Ltd.

Figure 5: Group Attendance Signed.

Individual Attendance:

Individual Attendance Sheet			
Rabina Shrestha			
Date	Day	Status	Day Count
July 19, 2022	Tuesday	Present	1
July 20, 2022	Wednesday	Present	2
July 21, 2022	Thursday	Present	3
July 22, 2022	Friday	Present	4
July 23, 2022	Saturday	Holiday	
July 24, 2022	Sunday	Present	5

July 25, 2022	Monday	Present	6
July 26, 2022	Tuesday	Present	7
July 27, 2022	Wednesday	Present	8
July 28, 2022	Thursday	Present	9
July 29, 2022	Friday	Present	10
July 30, 2022	Saturday	Holiday	
July 31, 2022	Sunday	Present	11
August 1, 2022	Monday	Present	12
August 2, 2022	Tuesday	Present	13
August 3, 2022	Wednesday	Present	14
August 4, 2022	Thursday	Present	15
August 5, 2022	Friday	Present	16
August 6, 2022	Saturday	Holiday	
August 7, 2022	Sunday	Present	17
August 8, 2022	Monday	Present	18
August 9, 2022	Tuesday	Present	19
August 10, 2022	Wednesday	Present	20
August 11, 2022	Thursday	Present	21
August 12, 2022	Friday	Present	22
August 13, 2022	Saturday	Holiday	
August 14, 2022	Sunday	Present	23
August 15, 2022	Monday	Present	24
August 16, 2022	Tuesday	Present	25

August 17, 2022	Wednesday	Present	26
August 18, 2022	Thursday	Present	27
August 19, 2022	Friday	Present	28
August 20, 2022	Saturday	Holiday	
August 21, 2022	Sunday	Present	29
August 22, 2022	Monday	Present	30
August 23, 2022	Tuesday	Present	31
August 24, 2022	Wednesday	Present	32
August 25, 2022	Thursday	Present	33
August 26, 2022	Friday	Present	34
August 27, 2022	Saturday	Holiday	
August 28, 2022	Sunday	Present	35
August 29, 2022	Monday	Present	36
August 30, 2022	Tuesday	Present	37
August 31, 2022	Wednesday	Present	38
September 1, 2022	Thursday	Present	39
September 2, 2022	Friday	Present	40
September 3, 2022	Saturday	Present	41
September 4, 2022	Sunday	Present	42
September 5, 2022	Monday	Present	43
September 6, 2022	Tuesday	Present	44
September 7, 2022	Wednesday	Present	45
September 8, 2022	Thursday	Present	46

September 9, 2022	Friday	Present	47
September 10, 2022	Saturday	Present	48
September 11, 2022	Sunday	Present	49
September 12, 2022	Monday	Present	50
September 13, 2022	Tuesday	Present	51
September 14, 2022	Wednesday	Present	52
September 15, 2022	Thursday	Present	53
September 16, 2022	Friday	Present	54
September 17, 2022	Saturday	Holiday	
September 18, 2022	Sunday	Present	55
September 19, 2022	Monday	Present	56
September 20, 2022	Tuesday	Present	57
September 21, 2022	Wednesday	Present	58
September 22, 2022	Thursday	Present	59
September 23, 2022	Friday	Present	60
September 24, 2022	Saturday	Holiday	
September 25, 2022	Sunday	Present	61
September 26, 2022	Monday	Present	62
September 27, 2022	Tuesday	Present	63
September 28, 2022	Wednesday	Present	64
September 29, 2022	Thursday	Present	65
September 30, 2022	Friday	Present	66
October 1, 2022	Saturday	Holiday	

October 2, 2022	Sunday	Holiday	
October 3, 2022	Monday	Holiday	
October 4, 2022	Tuesday	Holiday	
October 5, 2022	Wednesday	Holiday	
October 6, 2022	Thursday	Holiday	
October 7, 2022	Friday	Holiday	
October 8, 2022	Saturday	Holiday	
October 9, 2022	Sunday	Holiday	
October 10, 2022	Monday	Present	67
October 11, 2022	Tuesday	Present	68
October 12, 2022	Wednesday	Present	69
October 13, 2022	Thursday	Present	70
October 14, 2022	Friday	Present	71
October 15, 2022	Saturday	Holiday	
October 16, 2022	Sunday	Present	72
October 17, 2022	Monday	Present	73
October 18, 2022	Tuesday	Present	74
October 19, 2022	Wednesday	Present	75
October 20, 2022	Thursday	Present	76
October 21, 2022	Friday	Present	77
October 22, 2022	Saturday	Holiday	
October 23, 2022	Sunday	Present	78
October 24, 2022	Monday	Present	79

October 25, 2022	Tuesday	Present	80
October 26, 2022	Wednesday	Present	81
October 27, 2022	Thursday	Present	82
October 28, 2022	Friday	Present	83
October 29, 2022	Saturday	Holiday	
October 30, 2022	Sunday	Present	84
October 31, 2022	Monday	Present	85
November 1, 2022	Tuesday	Present	86
November 2, 2022	Wednesday	Present	87
November 3, 2022	Thursday	Present	88
November 4, 2022	Friday	Present	89
November 5, 2022	Saturday	Holiday	
November 6, 2022	Sunday	Present	90
November 7, 2022	Monday	Present	91
November 8, 2022	Tuesday	Present	92
November 9, 2022	Wednesday	Present	93
November 10, 2022	Thursday	Present	94
November 11, 2022	Friday	Present	95
November 12, 2022	Saturday	Holiday	
November 13, 2022	Sunday	Present	96
November 14, 2022	Monday	Present	97
November 15, 2022	Tuesday	Present	98
November 16, 2022	Wednesday	Present	99

FC6W51NI

WORK RELATED LEARNING

November 17, 2022	Thursday	Present	100
November 18, 2022	Friday	Present	101
November 19, 2022	Saturday	Holiday	
November 20, 2022	Sunday	Present	102
November 21, 2022	Monday	Present	103
November 22, 2022	Tuesday	Present	104
November 23, 2022	Wednesday	Present	105
 Company's Stamp PL Multimedia Service Pvt Ltd	 Supervisor's Sign Mr. Sandip Lamichhane		

8.3. Internship Completion Letter



PL Multimedia Service Pvt. Ltd

Regd No: 277246/078/079

PAN: 610150289

TO WHOM IT MAY CONCERN

Date : May 7, 2023

We are glad to inform you that Ms **Rabina Shrestha** from Islington College has successfully completed his internship at PL Multimedia Service from 23rd July 2022 to 24th November 2022.

During her internship, she was exposed to various developmental projects of our company. Her role as a **Project Manager Intern** helped us to fulfill our requirement successfully.

We found her extremely inquisitive and involving. Her keen interest to research and lead lead the development team by going through the indepth of the subject and ready to do every given task has inspired us.

We wish best wishes for her future endeavour !!!

A handwritten signature in black ink, appearing to read "Sandip".

Sandip Lamichhane
Head, Marketing and PR



+977-9855037276



plmultimediaservice@gmail.com



BMC-20, Bhimnagar, Chitwan

Figure 6: Internship Completion Letter.

8.4. CV (After Internship Included)

RABINA SHRESTHA

PERSONAL INFORMATION

Address: Kuleshwor, Kathmandu.

Contact Number: 9861230156

Email Id: rabinaa.shresthaa@gmail.com

LinkedIn Id: www.linkedin.com/in/rabina-shrestha-rs

Github Id: rabina575

CAREER OBJECTIVE

I look forward to playing an important role in the benefit of the company. For the matter of position, I wish to improve gradually aided with my experience.

EXPERIENCE

PROJECT MANAGER AND WEB DEVELOPER INTERN

YEAR: 2022

PI Multimedia Service Pvt Ltd

<https://plmultimediaservice.com/>

EDUCATIONAL BACKGROUND

BSC (HONS) COMPUTING YEAR: 2021-PRESENT

Islington College

London Metropolitan University

Kamal Pokhari, Kathmandu, Nepal.

HIGH SCHOOL DIPLOMA YEAR: 2018-2020

Modern Indian School

Central Board of Secondary Education

Chobhar, Kathmandu, Nepal.

SECONDARY SCHOOL DIPLOMA YEAR: 2016-2018

Modern Indian School

Central Board of Secondary Education
Chobhar, Kathmandu, Nepal.

SKILLS**➤ TECHNICAL SKILLS:**

- Programming Languages: React, Python, Java, PHP, and JavaScript.
- Other Skills: CMS, Strapi, HTML, CSS, XML, and Responsive Design.
- Frameworks: tkinter, Django, and Apache NetBeans.
- Networking Skills: Practiced networking using Cisco Packet Tracer.
- Database: MySQL, Oracle.

➤ SOFT SKILLS:

- Communication, Time Management, Interpersonal Skills, Attention to Detail, Leadership Skills.

PROJECTS:**Website for PL Multimedia Service**

🌐 <https://plmultimediaservice.com/>

Gift-Card Store

🌐 <https://github.com/rabina575/Gift-Card-Store-XML.git>

5 Webpages including CV and Blogs.

🌐 <https://github.com/rabina575/Website>

OTHERS

Participated in the Islington Conquest Week.

Participated in the Islington Sports Week: Placed 1st in Basketball, and 2nd in Futsal.

Participated in Ace 48 Hour Hackathon

REFERENCES

Name: Sujan Vaidya

Contact Number: 9849208047

Lead Software Engineer at Leapfrog Technology.

Name: Teeny Chowdhury

Contact Number: 9803366355

Teacher of Modern Indian School.

Name: Biwash Adhikari

Contact Number: 984-1484804

Teacher of Islington.

Name: Sandip Lamichhane

Contact Number: 986-0283950

Internship Supervisor.

Figure 7: CV after Internship.

8.5. Evidence

8.5.1. LO1 Evidence

To learn complete full-stack web development.

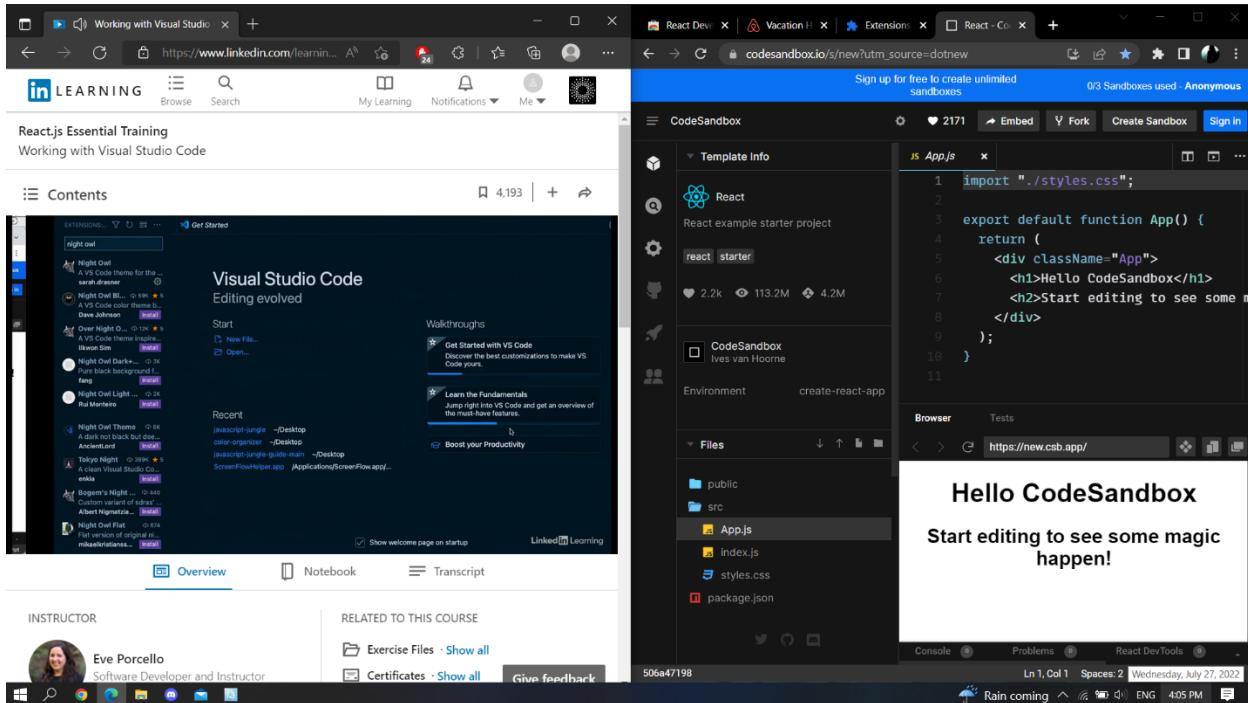


Figure 8: Learning React through LinkedIn Learning.

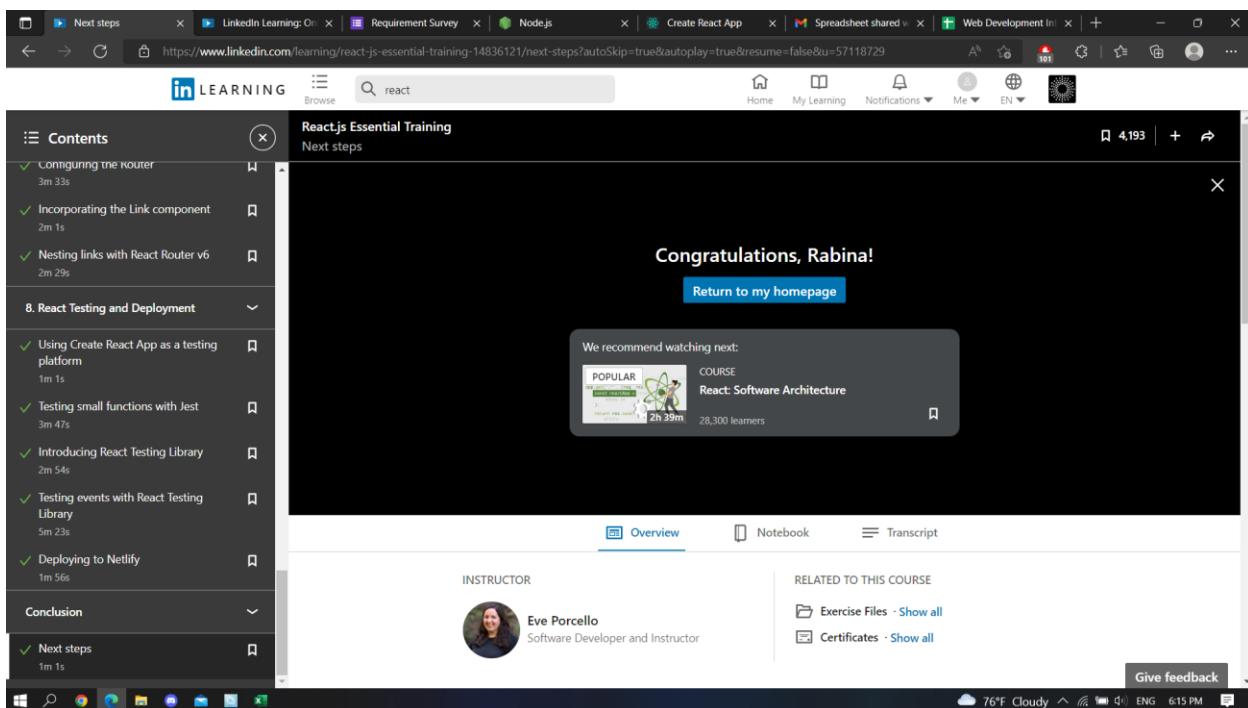


Figure 9: Learnt React from LinkedIn Learning.

The screenshot shows a Visual Studio Live Share workspace interface. The top navigation bar includes File, Edit, Selection, View, Go, Run, Terminal, Help, and tabs for Visual Studio Live Share (Workspace), Manage, and Learn More. The left sidebar has sections for LIVE SHARE, SESSION DETAILS (Participants: 2, including SDhakZ and Sanish), Shared Terminals (0), Shared Servers (1), and CONTACTS (Recent contacts: Rabina Shrestha, SDhakZ@users.noreply.github.com, Sanish, Suggested contacts: 0). The main code editor area displays a file named Contact.jsx69 with the following content:

```
const mapNumberToValue = {
  1: "Advertisement",
  2: "Webdevelopment",
  3: "Webhosting",
  4: "MobileAppDevelopment",
  5: "SEO Optimization",
  6: "Digital Marketing",
  7: "Media Production",
  8: "Job and Internship",
  9: "Problems",
  10: "Other",
};

useEffect(() => {
  if (Object.keys(formerror).length === 0 && issubmit) {
    console.log(formvalue);
    emailjs
      .sendForm(
        "service_143je5i",
        "template_7n5kswn",
        formRef.current,
        "HATRK-LowEhYemmhU"
      )
      .then()
      .catch(error => console.error(error));
  }
});
```

The status bar at the bottom shows Live Share, Restricted Mode, joined, Initializing JS/TS language features, Live Share Chat: 1 new, Ln 178, Col 50, Spaces: 2, UTF-8, LF, JavaScript React, and ENG.

Figure 10: Working on React.

Figure 11: Contact Us Validations.

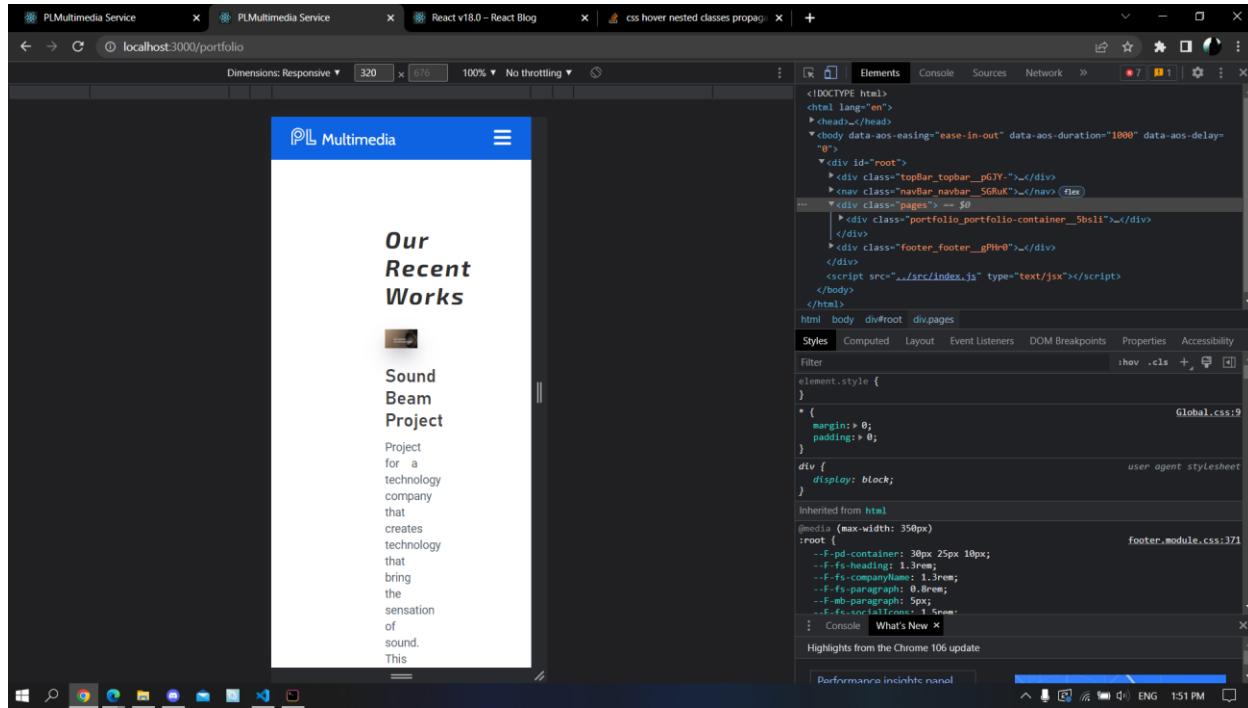


Figure 12: Working on the Site's Responsiveness.

```

src > pages > Interns > Interns.jsx
  ...
  25 const value = "All";
  26 return value;
  27 };
  28 const [value, setValue] = useState(getInitialState);
  29 const handleChange = (dropdown) => {
  30   setValue(dropdown.target.value);
  31 };
  32 const host = process.env.REACT_APP_STRAPI_HOST;
  33 var path;
  34 if (value === "All") {
  35   path = `${host}/api/interns?populate=*${pagination[page]}&${pagination[pageSize]}-9`;
  36 } else {
  37   path = `${host}/api/interns?populate=*${filters[field]}[${eq}]=${value}&${pagination[page]}-1&${pagination[pageSize]}-9`;
  38 }
  39
  40 const { loading, error, data } = useFetch(path);
  41 if (loading) return <LoadingPage />;
  42 if (error)
  43   return (
  44     <ErrorPage
  45       code="503"
  46       errorMessage="Server is temporarily unable to respond to your request"
  47     />
  48   );
  49 //returns intern cards with mapped data
  50 return (
  51   <animated.div style={style}>
  52     <div className={InternsCSS["interns-container"]}>
  53       <MainHeading headingName="Interns Through Us" />
  54       <div className={InternsCSS["interns-content"]}>
  55         ...
  56       </div>
  57     </div>
  58   </animated.div>
  59 );
  60
  61 
```

```

src > hooks > useFetch.js
  ...
  1 import { useEffect, useState } from "react";
  2
  3 const useFetch = (url) => {
  4   const [data, setData] = useState([]);
  5   const [error, setError] = useState(null);
  6   const [loading, setLoading] = useState(true);
  7
  8   useEffect(() => {
  9     const fetchData = async () => {
 10       setLoading(true);
 11
 12       try {
 13         const res = await fetch(url);
 14         const json = await res.json();
 15
 16         setData(json);
 17         setLoading(false);
 18       } catch (error) {
 19         setError(error);
 20         setLoading(false);
 21       }
 22     };
 23     fetchData();
 24   }, [url]);
 25
 26   return { loading, error, data };
 27 };
 28
 29 export default useFetch;
 30 
```

Figure 13: Strapi Integration.

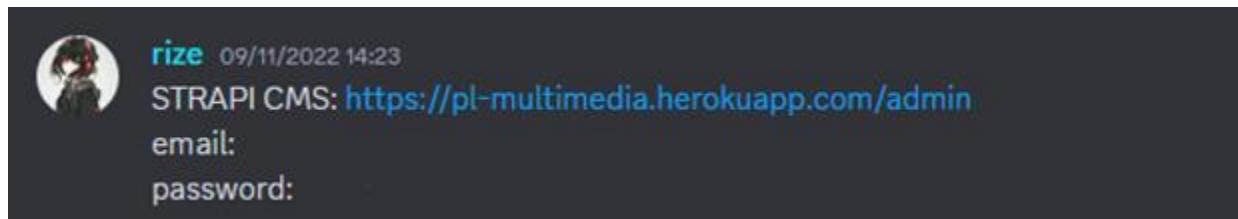


Figure 14: Strapi Credentials.

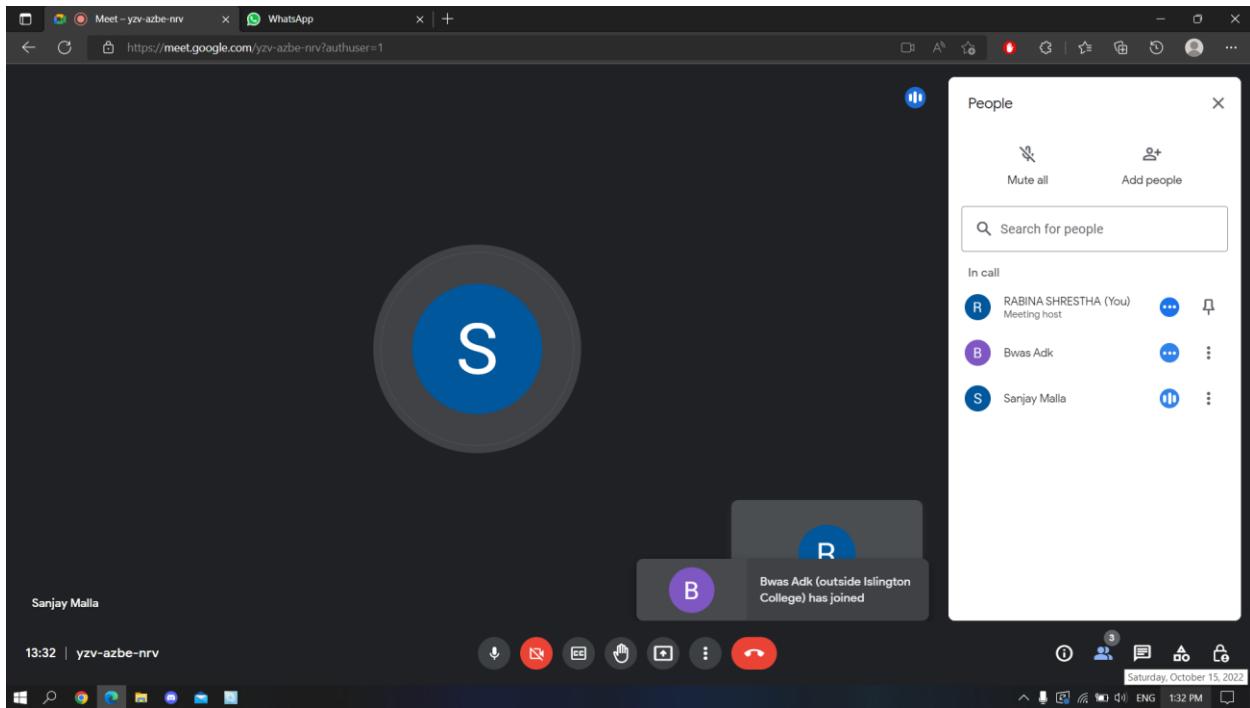


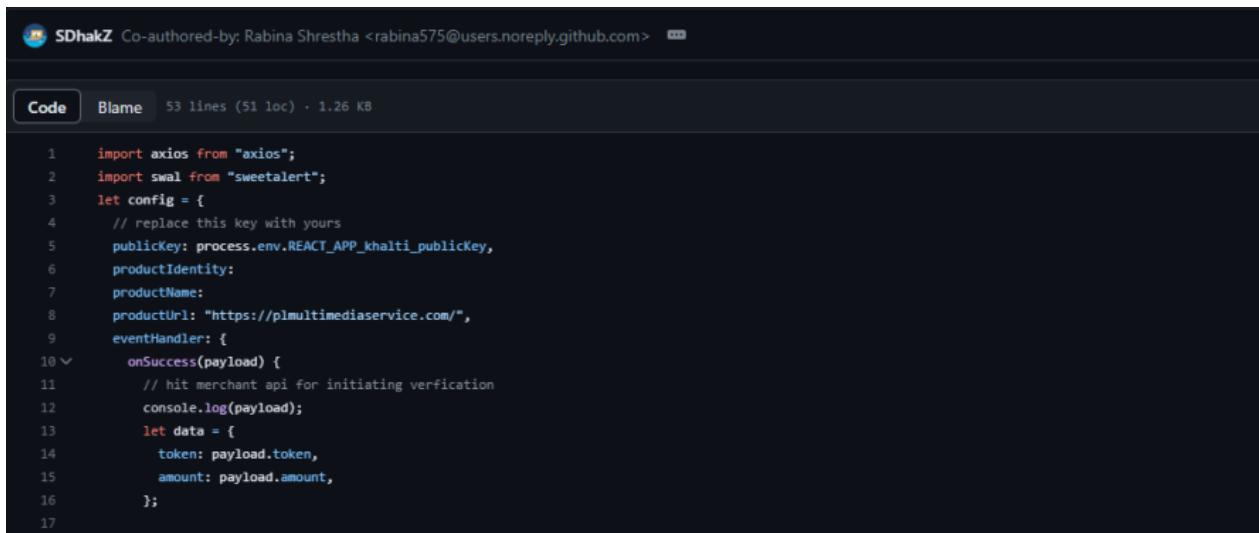
Figure 15: Conducting meeting to gain knowlegde on hosting and Postgresql.

```

1 import { useEffect, useState } from "react";
2
3 const useFetch = (url) => {
4   const [data, setData] = useState([]);
5   const [error, setError] = useState(null);
6   const [loading, setLoading] = useState(true);
7
8   useEffect(() => {
9     const fetchData = async () => {
10       setLoading(true);
11
12       try {
13         const res = await fetch(url);
14         const json = await res.json();
15
16         setData(json);
17         setLoading(false);
18       } catch (error) {
19         setError(error);
20         setLoading(false);
21       }
22     };
23     fetchData();
24   }, [url]);
25
26   return { loading, error, data };
27 };
28
29 export default useFetch;

```

Figure 16: API used to get the Interns Data.

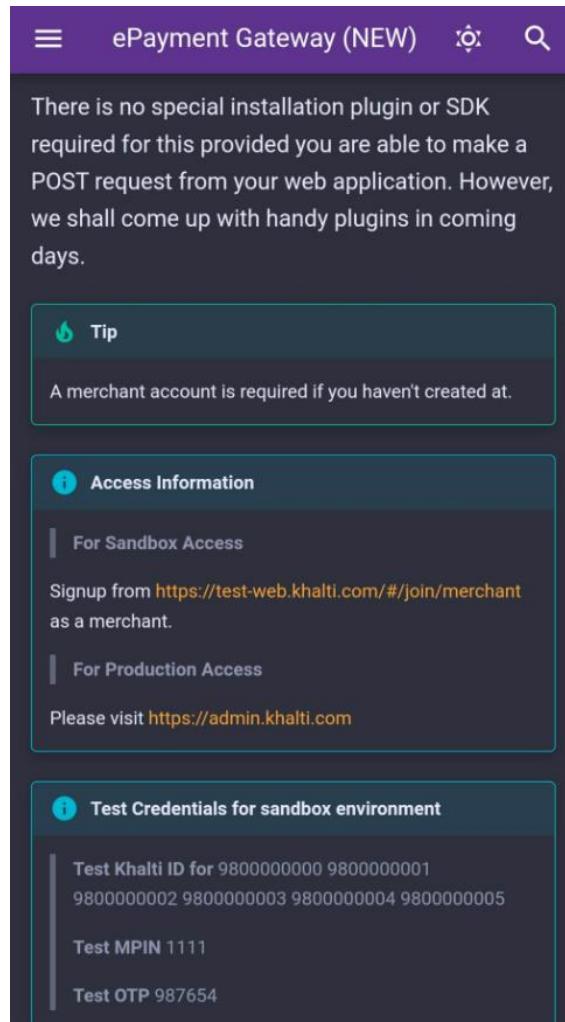


```

1 import axios from "axios";
2 import swal from "sweetalert";
3 let config = {
4   // replace this key with yours
5   publicKey: process.env.REACT_APP_khalti_publicKey,
6   productIdentity:
7   productName:
8   productUrl: "https://plmultimediaservice.com/",
9   eventHandler: {
10     onSuccess(payload) {
11       // hit merchant api for initiating verification
12       console.log(payload);
13       let data = {
14         token: payload.token,
15         amount: payload.amount,
16       };
17     }
18   }
19 }

```

Figure 17: Integrating Khalti.



The screenshot displays the ePayment Gateway (NEW) documentation. At the top, there's a navigation bar with icons for menu, search, and refresh. The main content area has a dark background with white text. It starts with a general note: "There is no special installation plugin or SDK required for this provided you are able to make a POST request from your web application. However, we shall come up with handy plugins in coming days." Below this is a "Tip" section with a green icon: "A merchant account is required if you haven't created one." Under "Access Information", there are two sections: "For Sandbox Access" (with a link to "https://test-web.khalti.com/#/join/merchant") and "For Production Access" (with a link to "https://admin.khalti.com"). The final section, "Test Credentials for sandbox environment", lists "Test Khalti ID" (9800000000 9800000001, 9800000002 9800000003, 9800000004 9800000005), "Test MPIN" (1111), and "Test OTP" (987654).

Figure 18: Khalti Documentation.

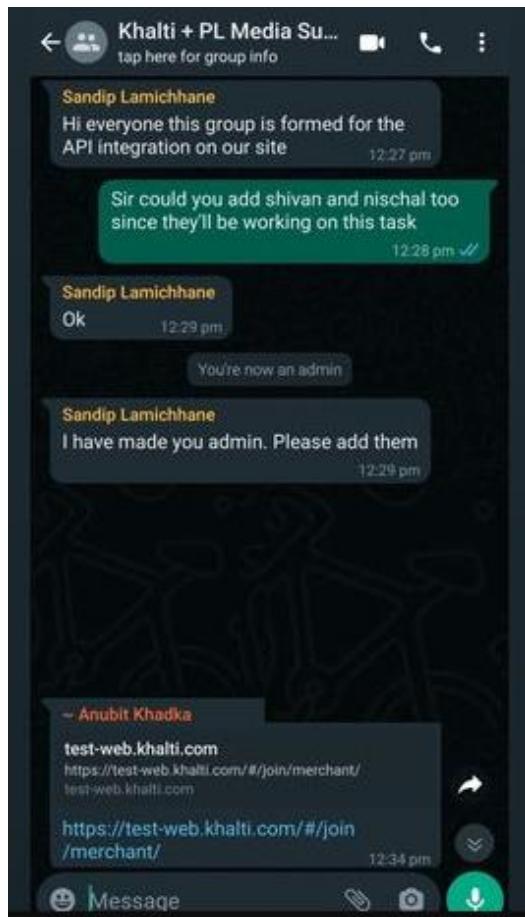


Figure 19: Khalti Group.

The screenshot shows a payment confirmation page. At the top, it says 'Choose your payment method'. Below that, there's a 'Khalti' logo. The main form fields are 'Khalti Mobile Number' (with placeholder 'Enter khalti registered number') and 'Khalti PIN' (with placeholder 'Enter Khalti Pin'). A purple button labeled 'Pay Rs. 100/-' is centered. Below the button are links for 'Forgot your Khalti PIN?' and 'SET KHALTI PIN'. At the bottom, there's a section for 'Our services' (Advertisement, Media production, Web Development, Mobile App Development, Web Hosting, SEO Optimization, Digital Marketing) and 'Company' (Partner with us, FAQ, Our Blogs, Credentials). There's also a 'Get In Touch' section with icons for email, LinkedIn, and Facebook, and a note about accepting payment through eSewa and Khalti.

Figure 20: Successfully Integrated Khalti.

```

const parse = require('pg-connection-string').parse;
const config = parse(process.env.DATABASE_URL);
module.exports = ({ env }) => ({
  connection: {
    client: 'postgres',
    connection: {
      host: config.host,
      port: config.port,
      database: config.database,
      user: config.user,
      password: config.password,
      ssl: {
        rejectUnauthorized: false
      },
    },
    debug: false,
  },
});

```

Figure 21: Connecting Postgresql.

The screenshot shows the Heroku dashboard interface. At the top, there's a navigation bar with the Heroku logo, a search bar labeled 'Jump to Favorites, Apps, Pipelines, Spaces...', and user account icons. Below the navigation, the user's profile picture and name ('Personal') are shown, along with the app name ('pl-multimedia') and its GitHub repository ('GitHub zukiri/heroku-strap'). There are also 'Open app' and 'More' buttons.

The main content area displays the deployment log for the app 'pl-multimedia'. The log starts with 'Done in 6.46s.' and then details the build process: 'Caching build - yarn cache', 'Build succeeded!', 'Discovering process types', 'Compressing...', 'Launching...', and finally 'Released v19 https://pl-multimedia.herokuapp.com/'. A note at the bottom of the log states: 'Starting November 28th, 2022, free Heroku Dynos, free Heroku Postgres, and free Heroku Data for Redis® will no longer be available. If you have apps using any of these resources, you must upgrade to paid plans by this date to ensure your apps continue to run and to retain your data. For students, we will announce a new program by the end of September. Learn more at https://blog.heroku.com/next-chapter'.

Figure 22: Hosting Postgresql in Heroku.

8.5.2. LO2 Evidence

Complete development of the Website from Scratch to making the Project Live on Web.

Responses cannot be edited

Requirement Survey

Form to gather the requirements for PL multimedia website

* Required

Customers from which regions does the PL multimedia intends to serve primarily? *

- Nepalese
- International
- Both

What are the services that PL multimedia intends to deliver to their customer?

- Web hosting
- Website design
- Advertisement

Additional services that we might have missed?

How should PL multimedia handle their contracts and services?

- Contact through website (integrated mail) and negotiate the prices directly
- Subscription based payment (monthly/annual)

Is the objective of this site to deliver information regarding the services provided by PL multimedia, * build trust, and secure clients?

- Yes
 No

If "No", then what do you have in mind?

Do you want the PL multimedia website to be hosted online (may require subscription from AWS/Azure)

- Yes
 No
 Maybe

Does PL multimedia require a dedicated Hiring page?

- Yes
 No

Features that you consider a MUST to have for PL Multimedia website?

Submitted 7/27/22, 7:13 PM

Figure 23: Requirement Form.

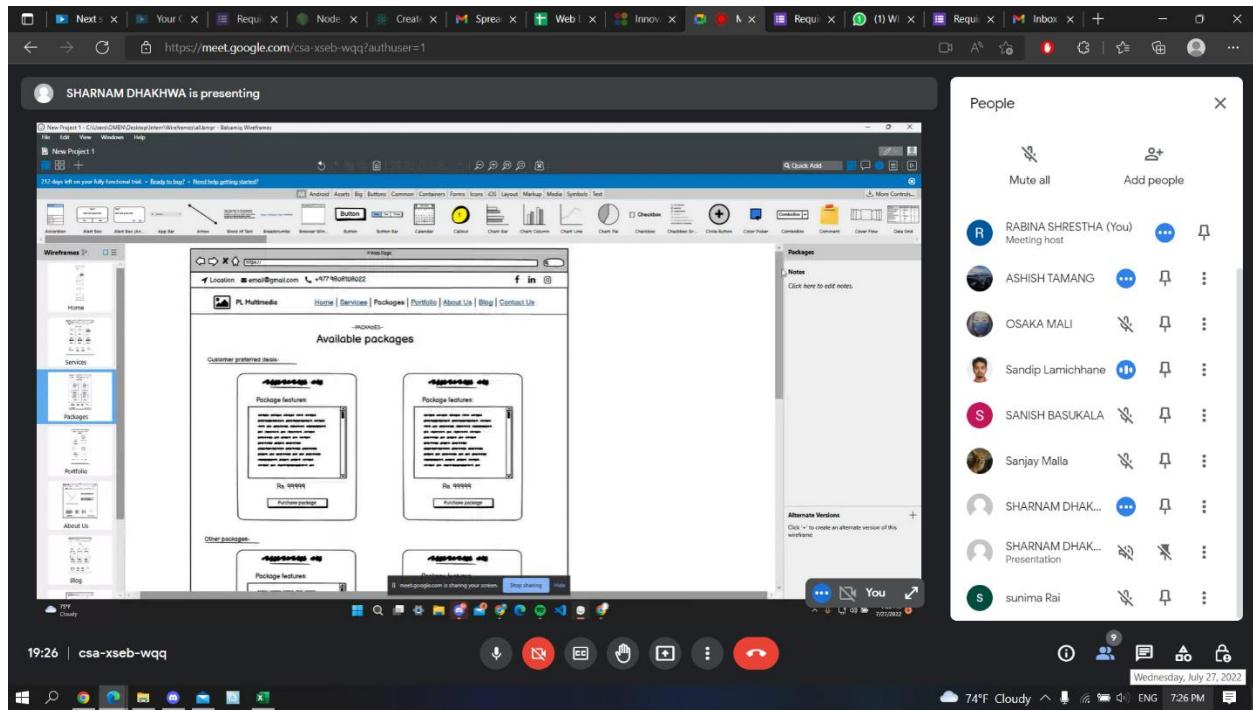


Figure 24: Designing Wireframes and Showing it to the Supervisor / Client.

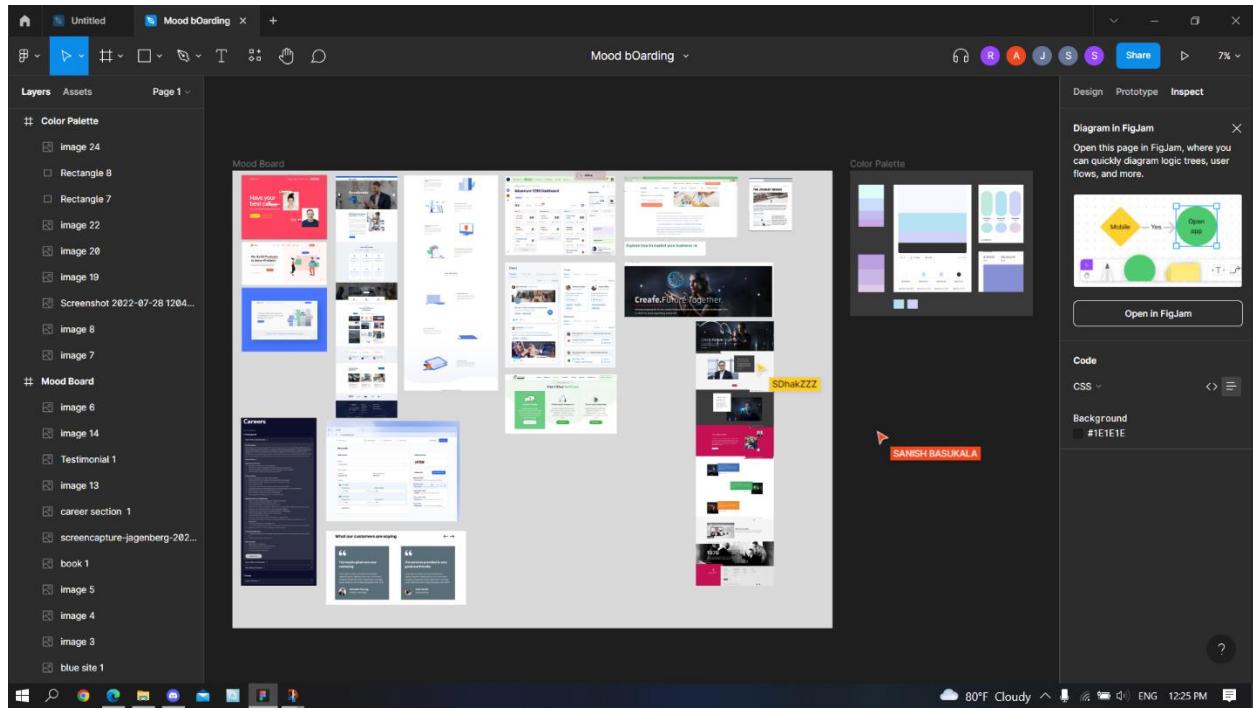


Figure 25: Filling the Mood Boarding: Working on Figma.

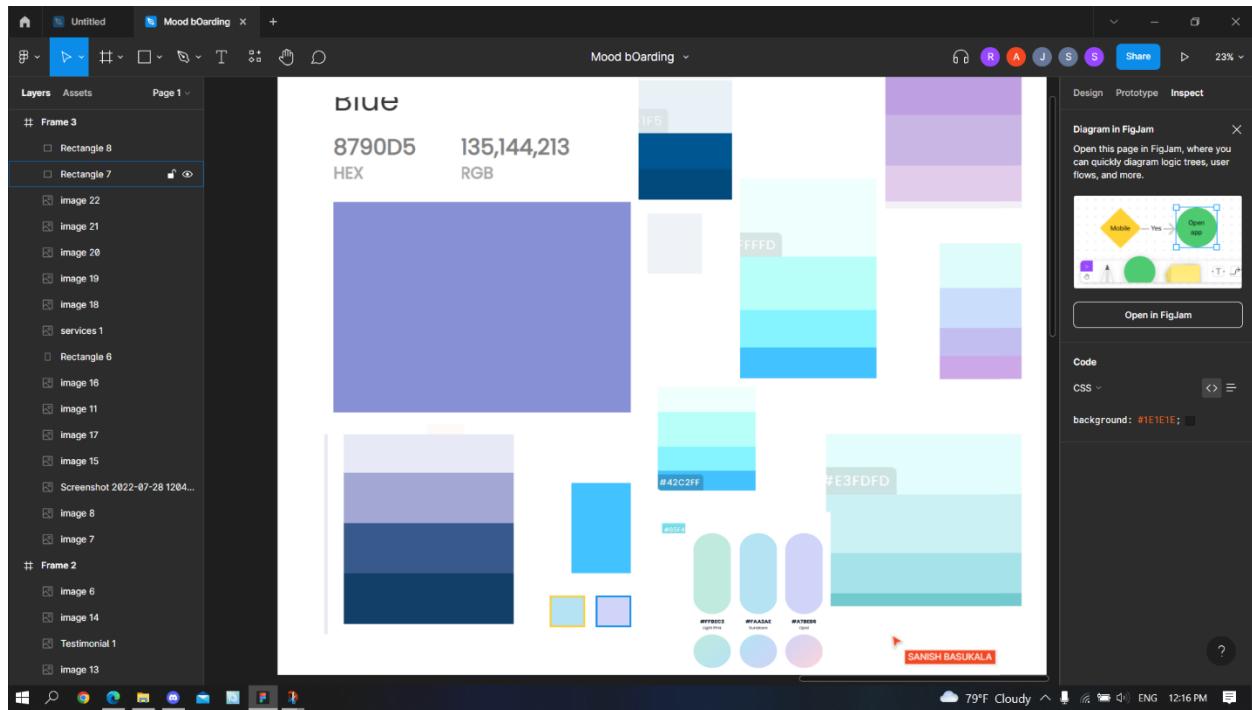


Figure 26: Choosing a Colour Theme for the Website.

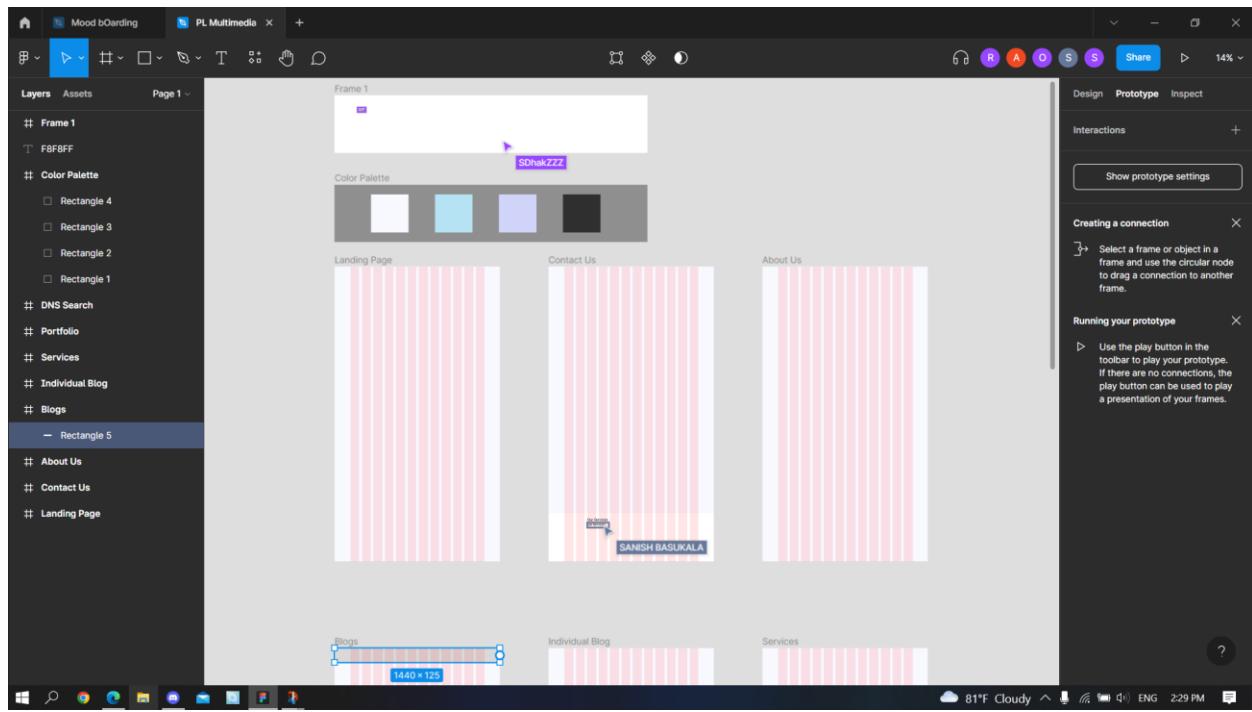


Figure 27: Designing on Figma.

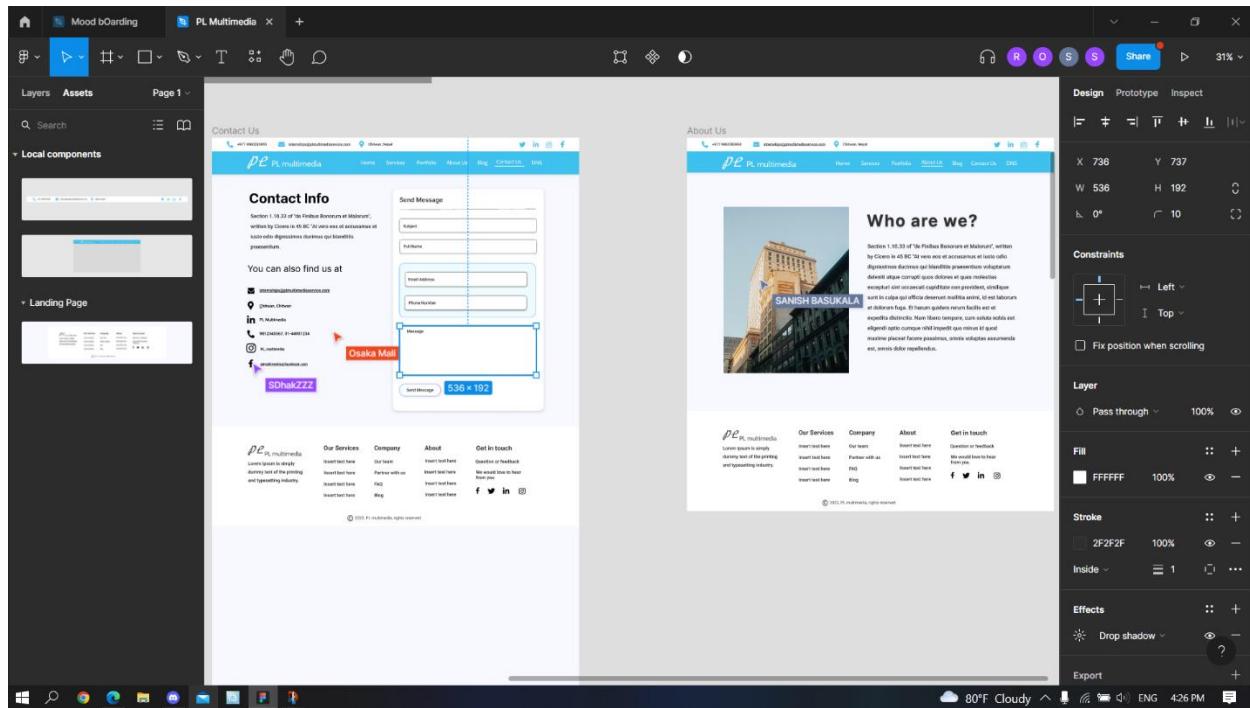


Figure 28: Figma Designing and Prototyping.

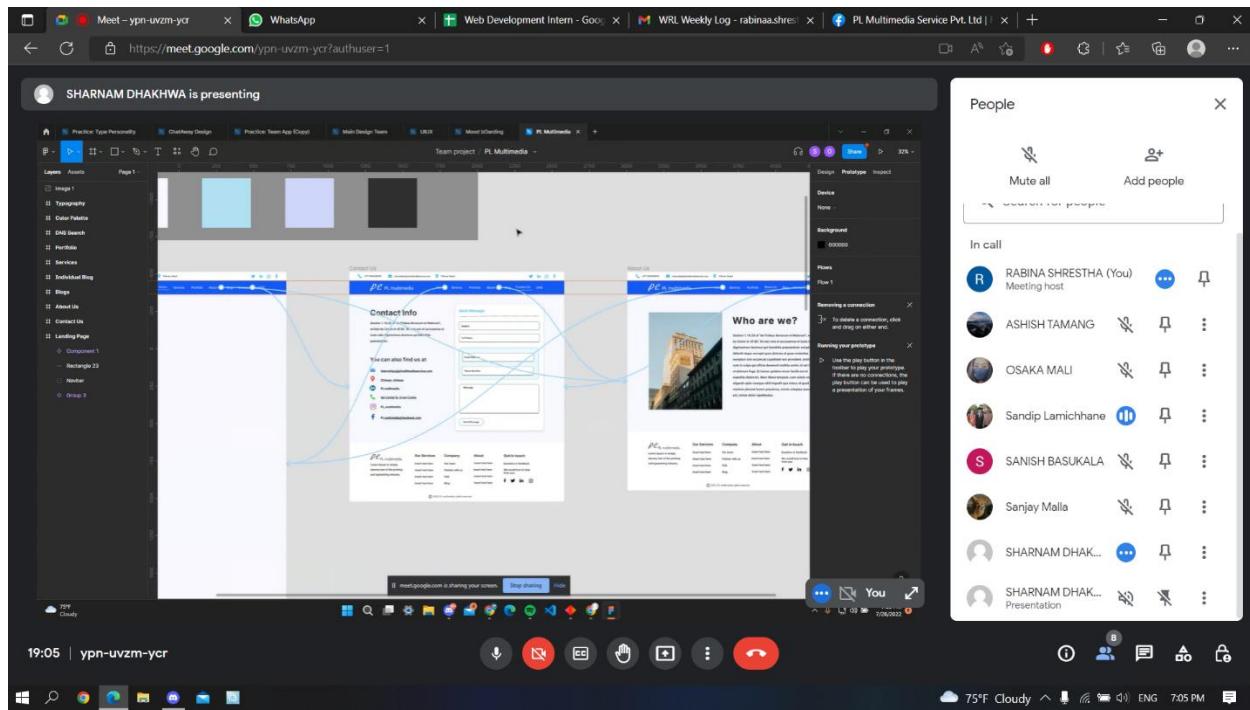


Figure 29: Reviewing the Figma Design and Prototyping with the Supervisor.

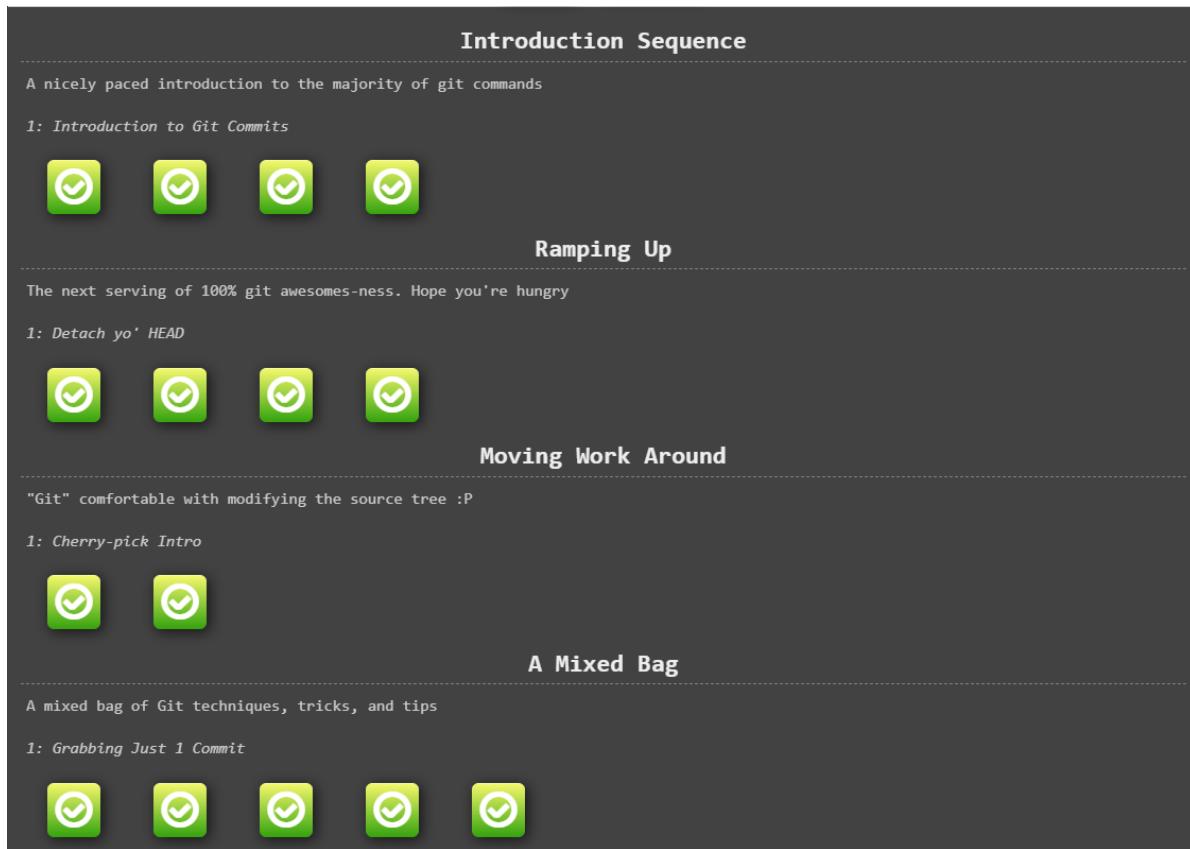


Figure 30: Learning Git Commands.

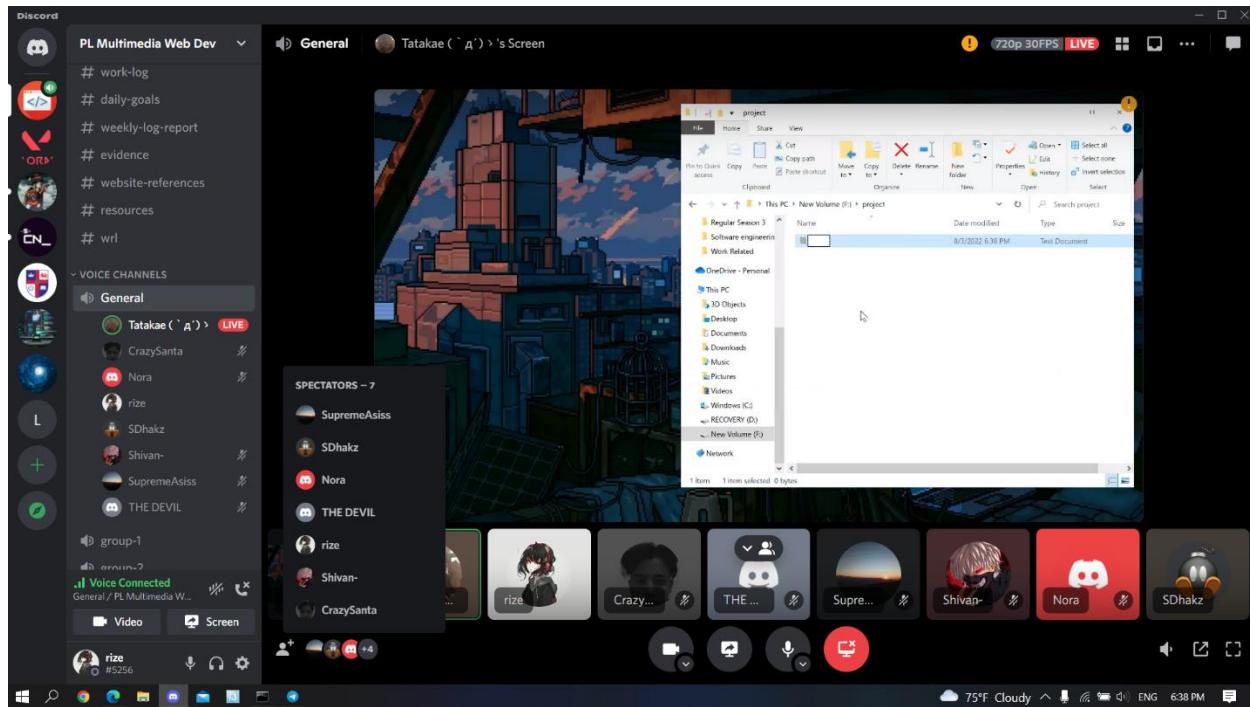


Figure 31: Trying out Git Commands.

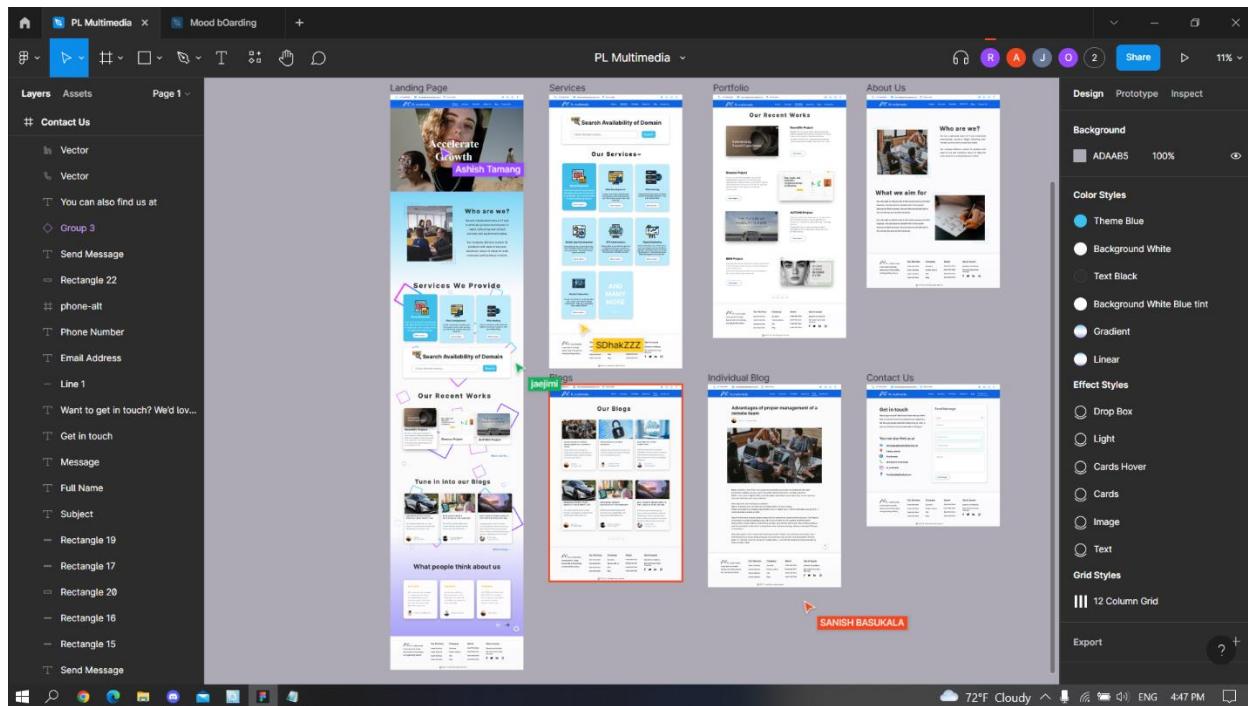


Figure 32: Completed Figma Designing.

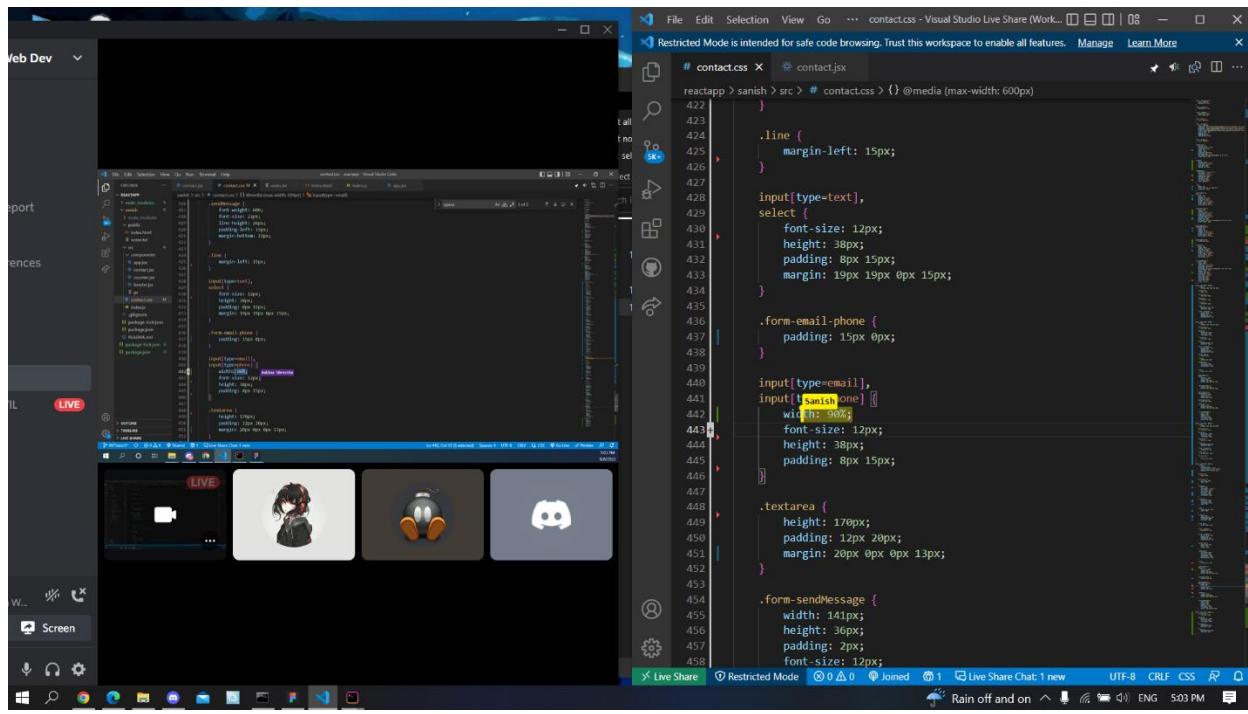


Figure 33: Working on the Frontend.

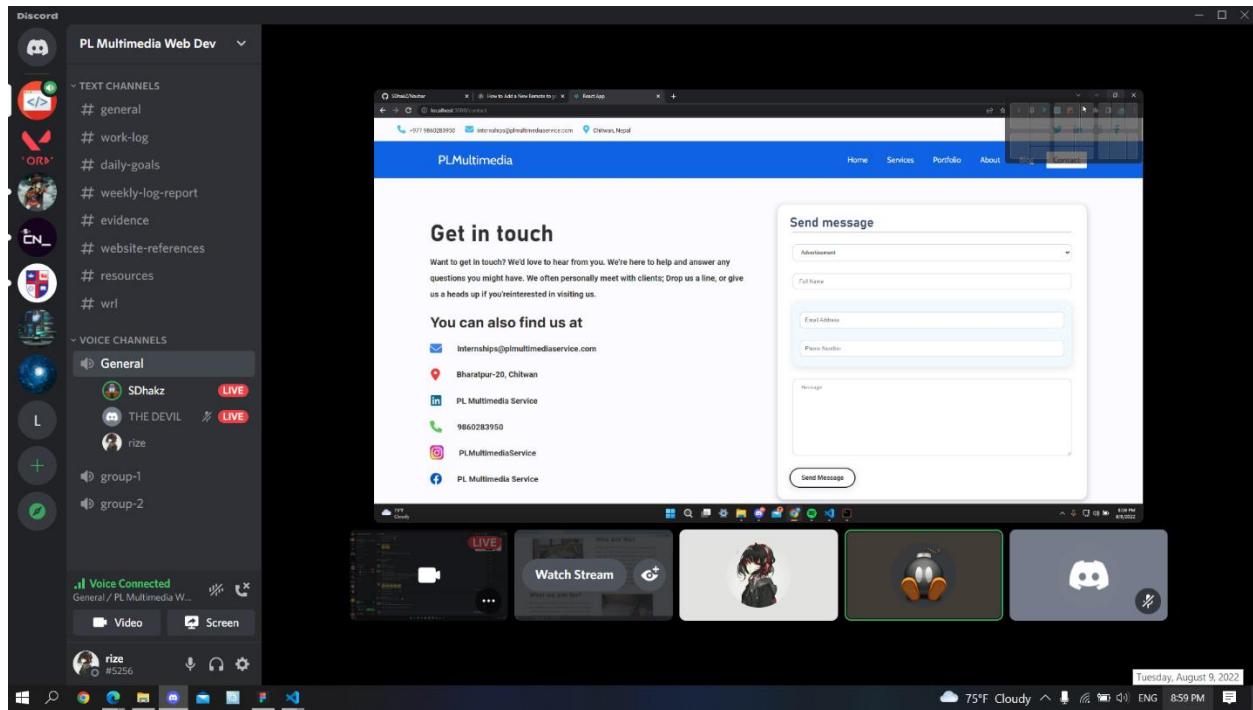


Figure 34: Developing the Figma Prototype to Reality.

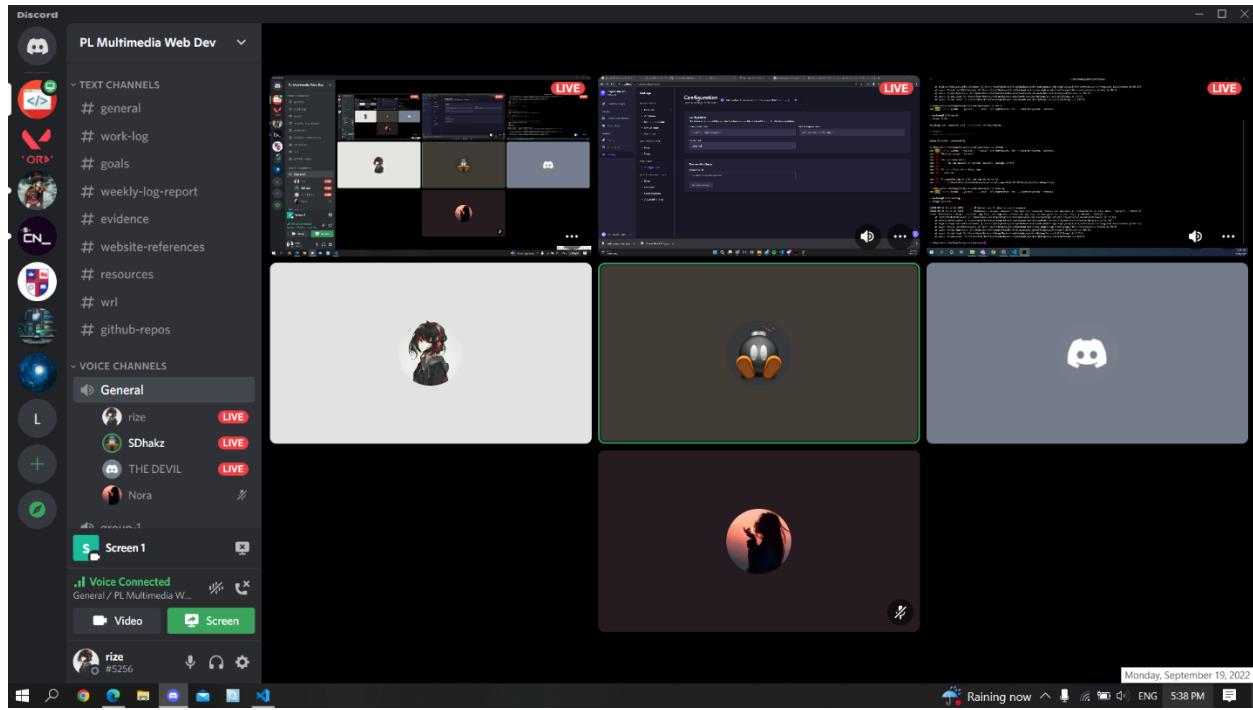


Figure 35: Learning and Figuring out how to use Strapi.

```

src > pages > Interns > Interns.jsx
  ...
  25 const value = "All";
  26 return value;
  27 };
  28 const [value, setValue] = useState(getInitialState);
  29 const handleChange = (dropdown) => {
  30   setValue(dropdown.target.value);
  31 };
  32 const host = process.env.REACT_APP_STRAPI_HOST;
  33 var path;
  34 if (value === "All") {
  35   path = `${host}/api/interns?populate=*&pagination[page]=${currentPage}&pagination[pageSize]=9`;
  36 } else {
  37   path = `${host}/api/interns?populate=*filters[field][$eq]=${value}&pagination[page]=1&pagination[pageSize]=1`;
  38 }
  39
  40 const { loading, error, data } = useFetch(path);
  41 if (loading) return <LoadingPage />;
  42 if (error)
  43   return (
  44     <ErrorPage
  45       code="503"
  46       errorMessage="Server is temporarily unable to respond to your request"
  47     />
  48   );
  49 //returns intern cards with mapped data
  50 return (
  51   <animated.div style={style}>
  52     <div className=[InternsCSS["interns-container"]]>
  53       <MainHeading headingName="Interns Through Us" />
  54       <div className=[InternsCSS["interns-category"]]>
  55         ...
  56       </div>
  57     </div>
  58   </animated.div>
  59 );
  60
  61 
```

```

src > hooks > useFetch.js
  ...
  1 import { useEffect, useState } from "react";
  2
  3 const useFetch = (url) => {
  4   const [data, setData] = useState([]);
  5   const [error, setError] = useState(null);
  6   const [loading, setLoading] = useState(true);
  7
  8   useEffect(() => {
  9     const fetchData = async () => {
  10       setLoading(true);
  11
  12       try {
  13         const res = await fetch(url);
  14         const json = await res.json();
  15
  16         setData(json);
  17         setLoading(false);
  18       } catch (error) {
  19         setError(error);
  20         setLoading(false);
  21       }
  22     };
  23     fetchData();
  24   }, [url]);
  25
  26   return { loading, error, data };
  27 };
  28
  29 export default useFetch;
  30 
```

Figure 36: Strapi Integration.

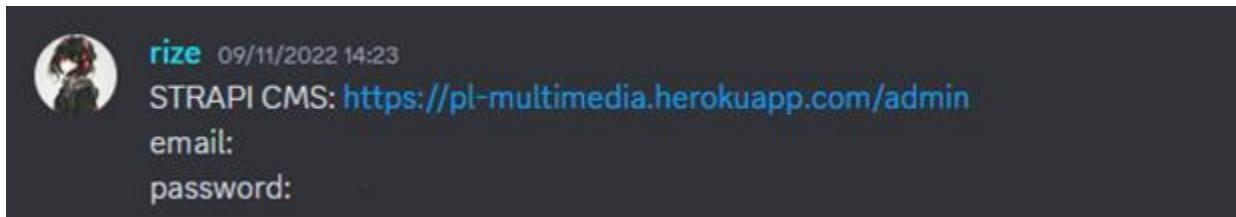


Figure 37: Strapi Credentials.

Figure 38: Using Strapi to Update Blogs.

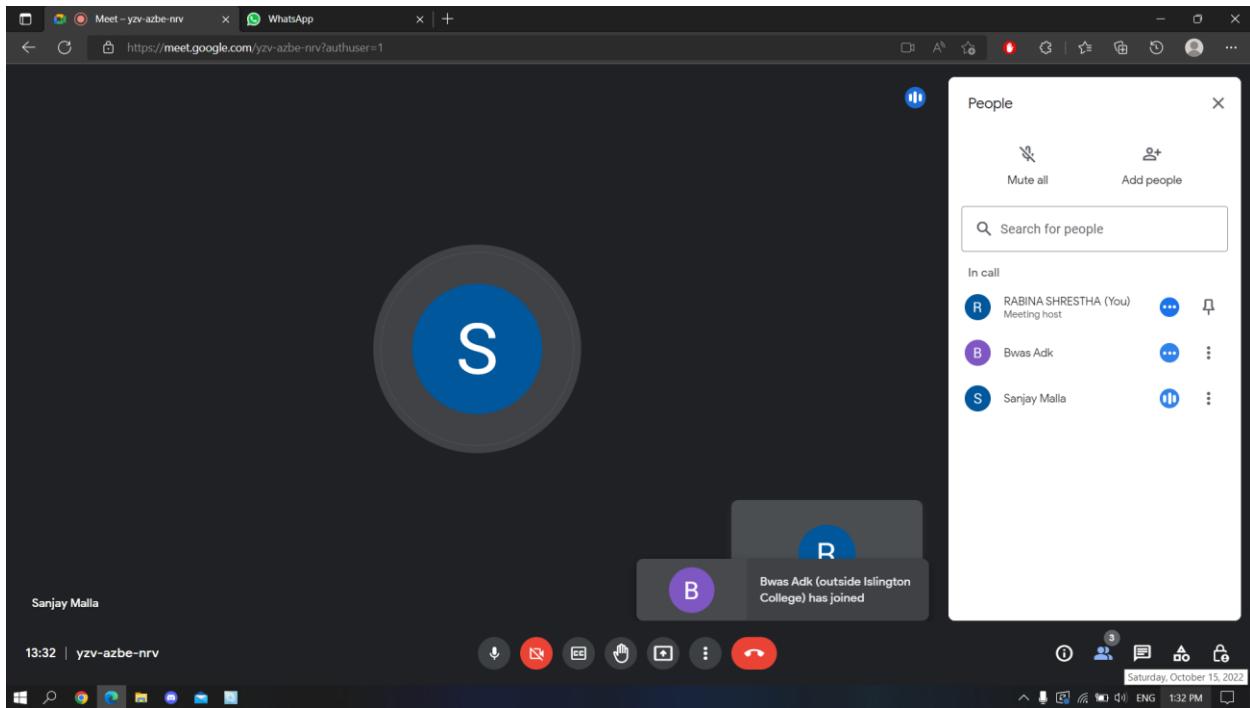


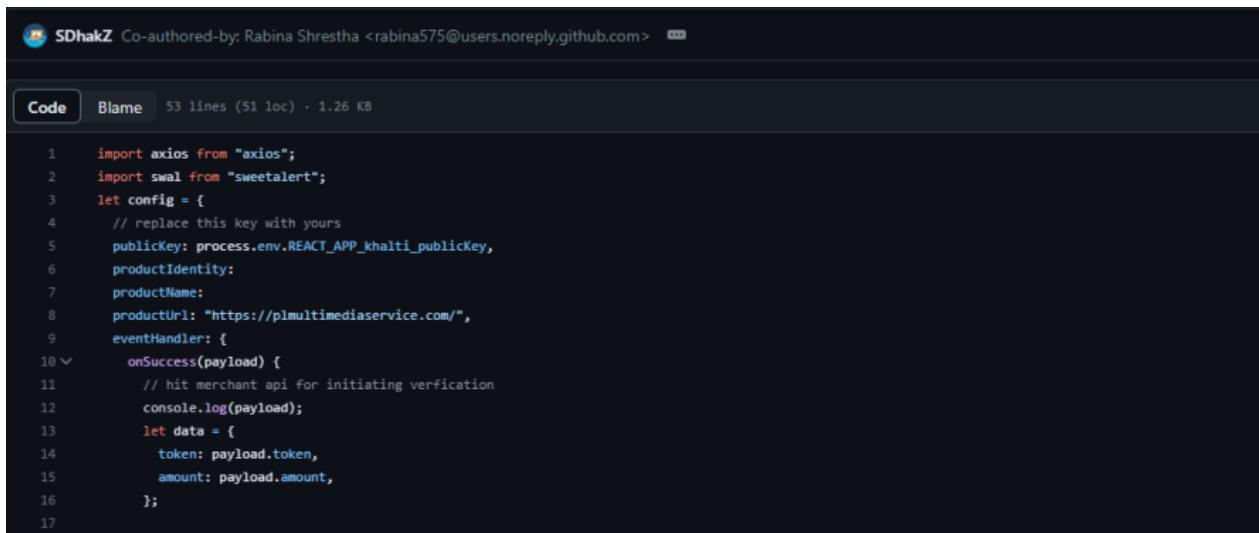
Figure 39: Conducting meeting to gain knowlegde on hosting and Postgresql.

```

1 import { useEffect, useState } from "react";
2
3 const useFetch = (url) => {
4   const [data, setData] = useState([]);
5   const [error, setError] = useState(null);
6   const [loading, setLoading] = useState(true);
7
8   useEffect(() => {
9     const fetchData = async () => {
10       setLoading(true);
11
12       try {
13         const res = await fetch(url);
14         const json = await res.json();
15
16         setData(json);
17         setLoading(false);
18       } catch (error) {
19         setError(error);
20         setLoading(false);
21       }
22     };
23     fetchData();
24   }, [url]);
25
26   return { loading, error, data };
27 };
28
29 export default useFetch;

```

Figure 40: API used to get the Interns Data.

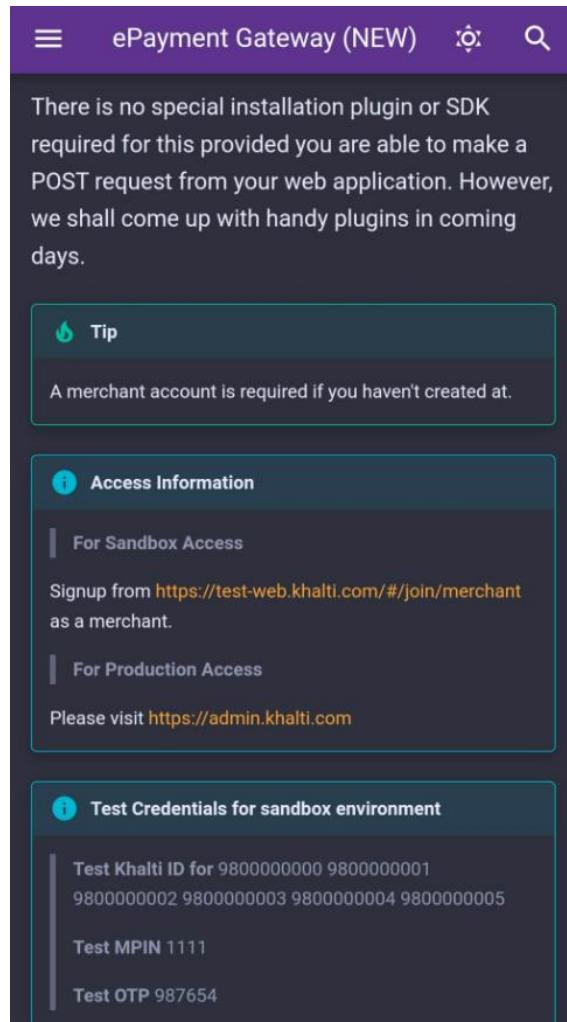


```

1 import axios from "axios";
2 import swal from "sweetalert";
3 let config = {
4   // replace this key with yours
5   publicKey: process.env.REACT_APP_khalti_publicKey,
6   productIdentity:
7   productName:
8   productUrl: "https://plmultimediaservice.com/",
9   eventHandler: {
10     onSuccess(payload) {
11       // hit merchant api for initiating verification
12       console.log(payload);
13       let data = {
14         token: payload.token,
15         amount: payload.amount,
16       };
17     }
18   }
19 }

```

Figure 41: Integrating Khalti.



There is no special installation plugin or SDK required for this provided you are able to make a POST request from your web application. However, we shall come up with handy plugins in coming days.

Tip

A merchant account is required if you haven't created one.

Access Information

For Sandbox Access
Signup from <https://test-web.khalti.com/#/join/merchant> as a merchant.

For Production Access
Please visit <https://admin.khalti.com>

Test Credentials for sandbox environment

Test Khalti ID for 9800000000 9800000001
9800000002 9800000003 9800000004 9800000005

Test MPIN 1111

Test OTP 987654

Figure 42: Khalti Documentation.

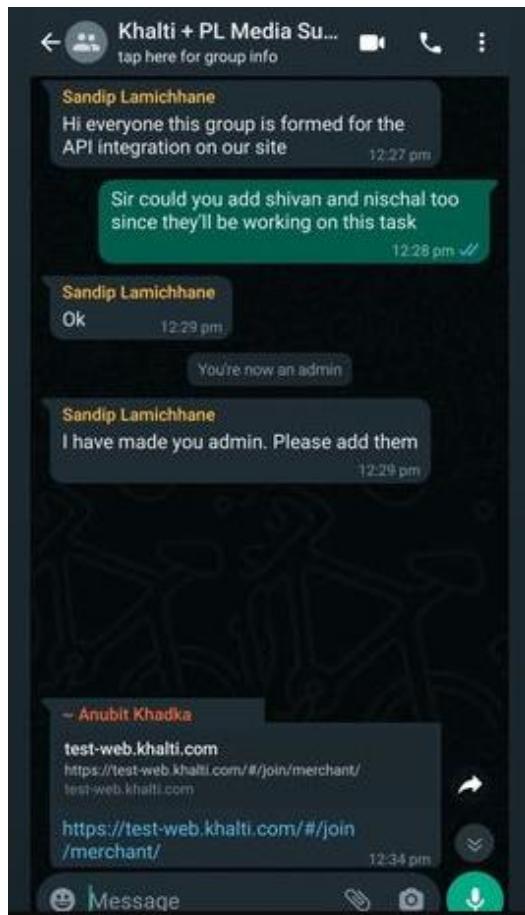


Figure 43: Khalti Group.

The screenshot shows a payment interface for PL Multimedia Service. At the top, it says 'Choose your payment method'. Below that, 'Khalti' is selected. The payment form includes fields for 'Khalti Mobile Number' (placeholder: 'Enter khalti registered number') and 'Khalti PIN' (placeholder: 'Enter Khalti Pin'). A purple button labeled 'Pay Rs. 100/-' is present. Below the form, there are links for 'Forgot your Khalti PIN?' and 'SET KHALTI PIN'. At the bottom, there's a section for 'Our services' (Advertisement, Media production, Web Development, Mobile App Development, Web Hosting, SEO Optimization, Digital Marketing) and 'Company' (Partner with us, FAQ, Our Blogs, Credentials). There's also a 'Get In Touch' section with icons for email, LinkedIn, and Facebook, and a note about accepting payment through Khalti and eSewa.

Figure 44: Successfully Integrated Khalti.

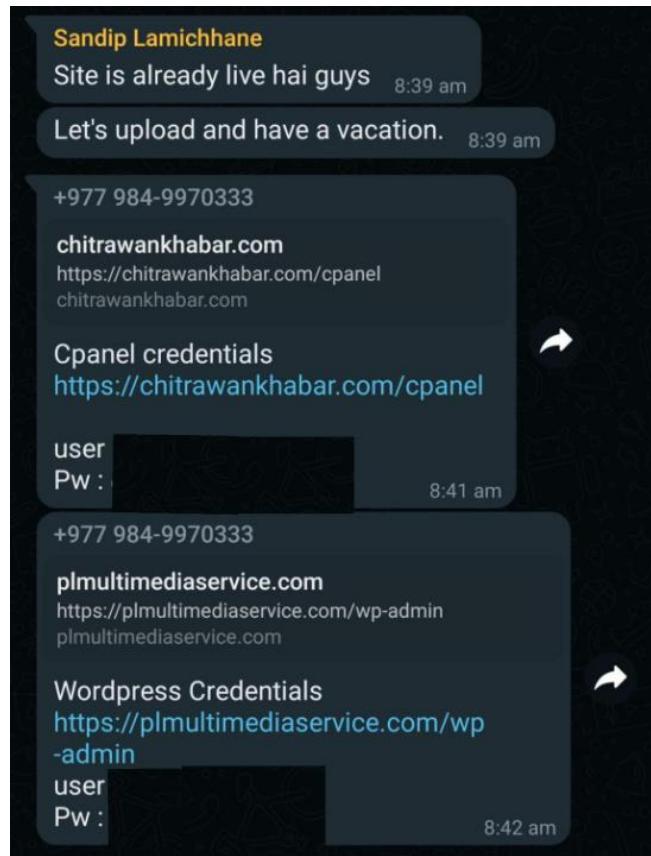


Figure 45: Cpanel Credentials.

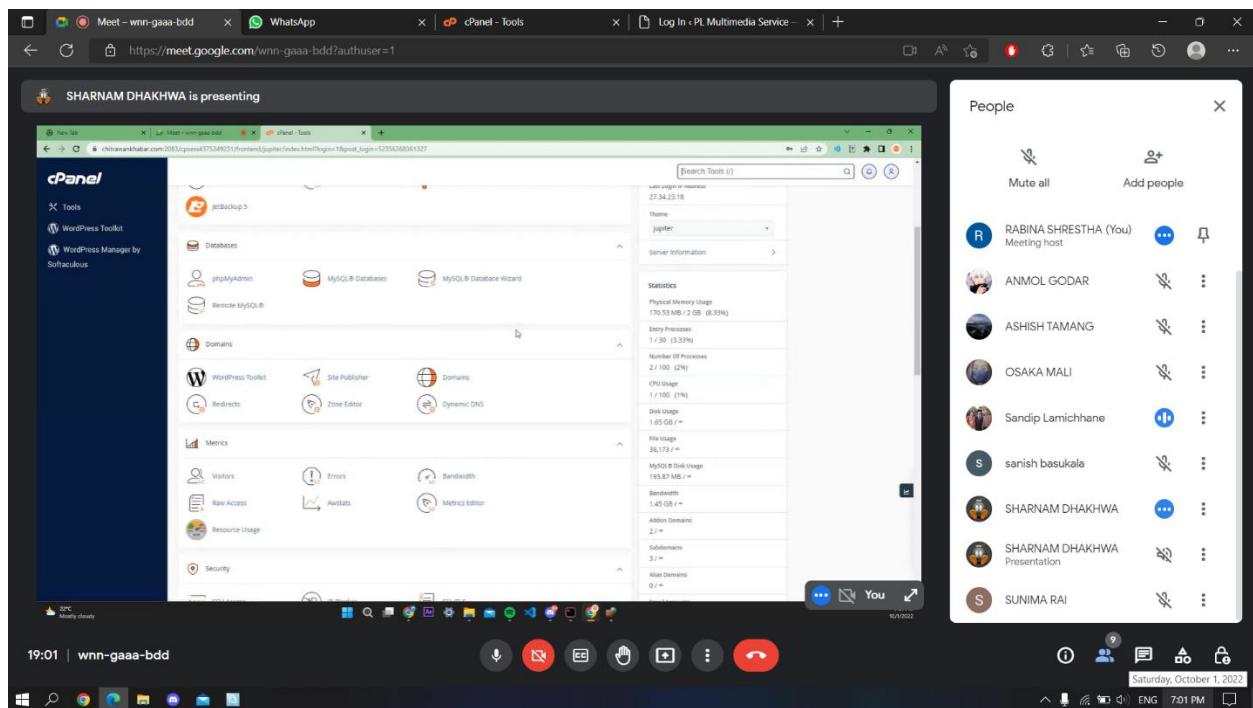


Figure 46: Hosting on CPanel.

```

const parse = require('pg-connection-string').parse;
const config = parse(process.env.DATABASE_URL);
module.exports = ({ env }) => ({
  connection: {
    client: 'postgres',
    connection: {
      host: config.host,
      port: config.port,
      database: config.database,
      user: config.user,
      password: config.password,
      ssl: {
        rejectUnauthorized: false
      },
    },
    debug: false,
  },
});

```

Figure 47: Connecting Postgresql.

The screenshot shows the Heroku dashboard interface. At the top, there's a navigation bar with the Heroku logo, a search bar labeled "Jump to Favorites, Apps, Pipelines, Spaces...", and user account options. Below the navigation is a header for the "pl-multimedia" app, showing it's connected to GitHub (zukiri/heroku-strap) and has a main branch. The main content area displays the "Activity Feed > Build Log". The build log shows the deployment process: caching, building, discovering process types, compressing, launching, and finally deploying to Heroku. It includes a note about unmet dependencies and a warning about free Heroku resources ending in November. The log concludes with a "Build finished" message.

Figure 48: Hosting Postgresql in Heroku.

8.5.3. LO3 Evidence

Increase knowledge in CMS (Content Management System).

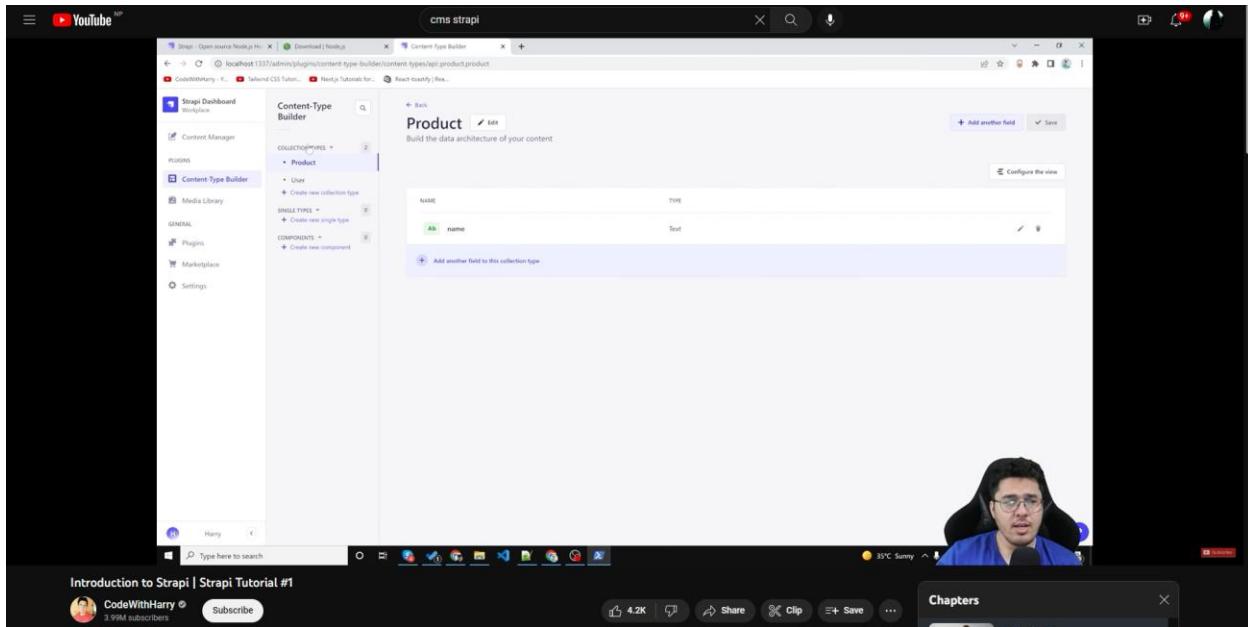


Figure 49: Getting an Idea about Strapi.

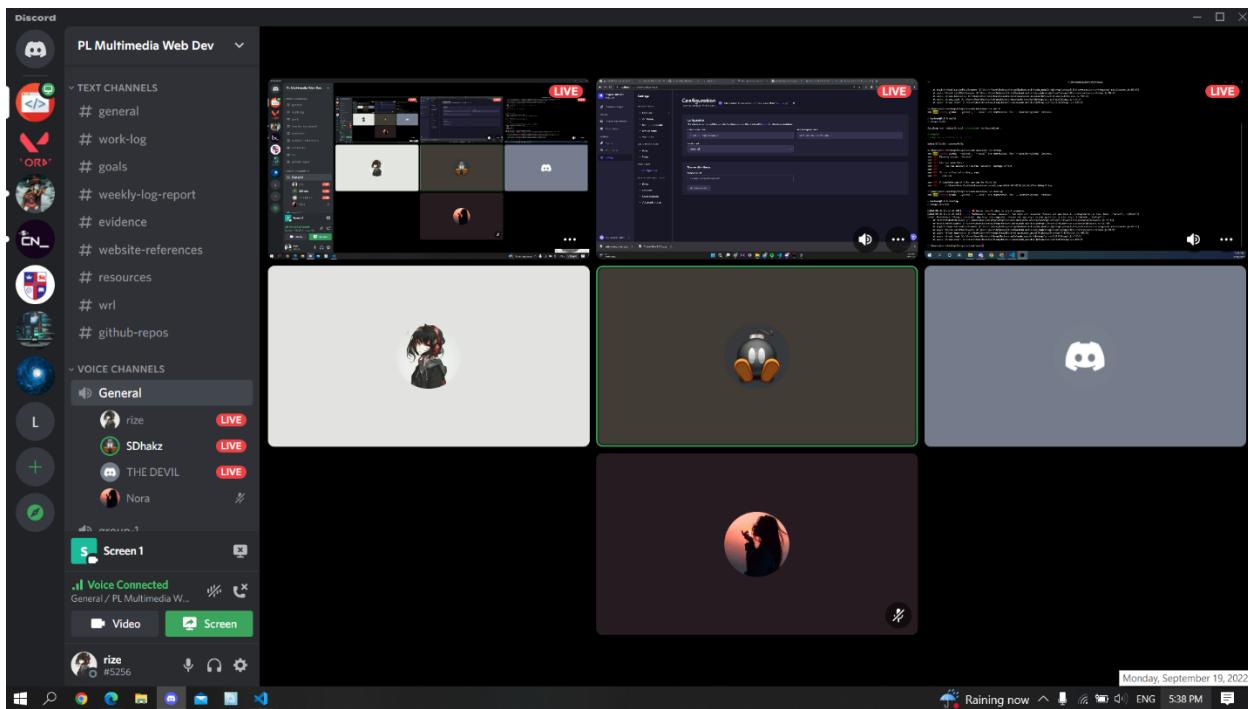


Figure 50: Learning and Figuring out how to use Strapi.

```

src > pages > Interns > Interns.jsx ...
  1  import React, { useState } from "react";
  2  import useFetch from "./useFetch";
  3  import MainHeading from "../MainHeading";
  4  import InternCard from "../InternCard";
  5  import { useIntl } from "react-intl";
  6  import { useLocation } from "react-router-dom";
  7  import { useQuery } from "react-query";
  8  import { useDebounce } from "ahooks";
  9  import { useIntersectionObserver } from "ahooks";
 10 
 11  const value = "All";
 12  return value;
 13 };
 14 const [value, setValue] = useState(getInitialState);
 15 const handleChange = (dropdown) => {
 16   setValue(dropdown.target.value);
 17 };
 18 const host = process.env.REACT_APP_STRAPI_HOST;
 19 var path;
 20 if (value === "All") {
 21   path = `${host}/api/interns?populate=*&pagination[page]=${currentPage}&pagination[pageSize]=9`;
 22 } else {
 23   path = `${host}/api/interns?populate=*filters[field][$eq]-$value&pagination[page]=1&pagination[pageSize]=9`;
 24 }
 25 
 26 const { loading, error, data } = useFetch(path);
 27 if (loading) return <LoadingPage />;
 28 if (error)
 29   return (
 30     <ErrorPage
 31       code="503"
 32       errorMessage="Server is temporarily unable to respond to your request"
 33     />
 34   );
 35 //returns intern cards with mapped data
 36 return (
 37   <div style={style}>
 38     <div className="InternsCSS__interns-container">
 39       <MainHeading headingName="Interns Through Us" />
 40       <div className="InternsCSS__interns-cards">...
 41     </div>
 42   </div>
 43 );
 44 
```

```

src > hooks > useFetch.js ...
  1  import { useEffect, useState } from "react";
  2  ...
  3  const useFetch = (url) => {
  4    const [data, setData] = useState([]);
  5    const [error, setError] = useState(null);
  6    const [loading, setLoading] = useState(true);
  7    ...
  8    useEffect(() => {
  9      const fetchData = async () => {
 10        setLoading(true);
 11        try {
 12          const res = await fetch(url);
 13          const json = await res.json();
 14          setData(json);
 15          setLoading(false);
 16        } catch (error) {
 17          setError(error);
 18          setLoading(false);
 19        }
 20      };
 21      fetchData();
 22    }, [url]);
 23  };
 24 
 25  return { loading, error, data };
 26 };
 27 
 28 export default useFetch;
 29 
```

Figure 51: Integrating Strapi

```

config > database.js ...
  1  module.exports = ({ env }) => ({
  2    connection: {
  3      client: "postgres",
  4      connection: {
  5        host: env("DATABASE_HOST", "localhost"),
  6        port: env.int("DATABASE_PORT", 5432),
  7        database: env("DATABASE_NAME", "PLMultimedia_DB"),
  8        user: env("DATABASE_USERNAME", "postgres"),
  9        password: env("DATABASE_PASSWORD", "test12345"),
 10        schema: env("DATABASE_SCHEMA", "public"), // Not required
 11      },
 12      debug: false,
 13    },
 14  });
 15 
```

Figure 52: Strapi Database.

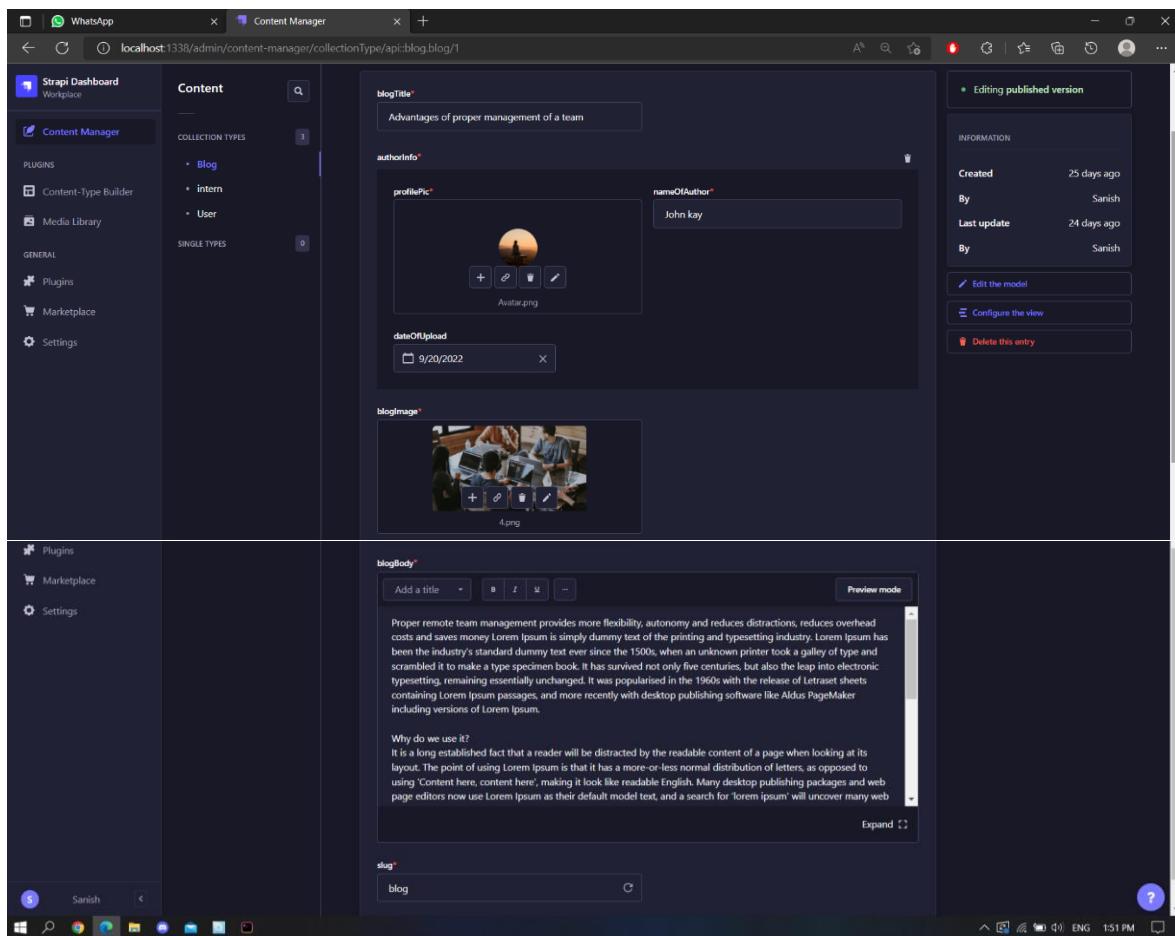


Figure 53: Adding a Blog using Strapi.

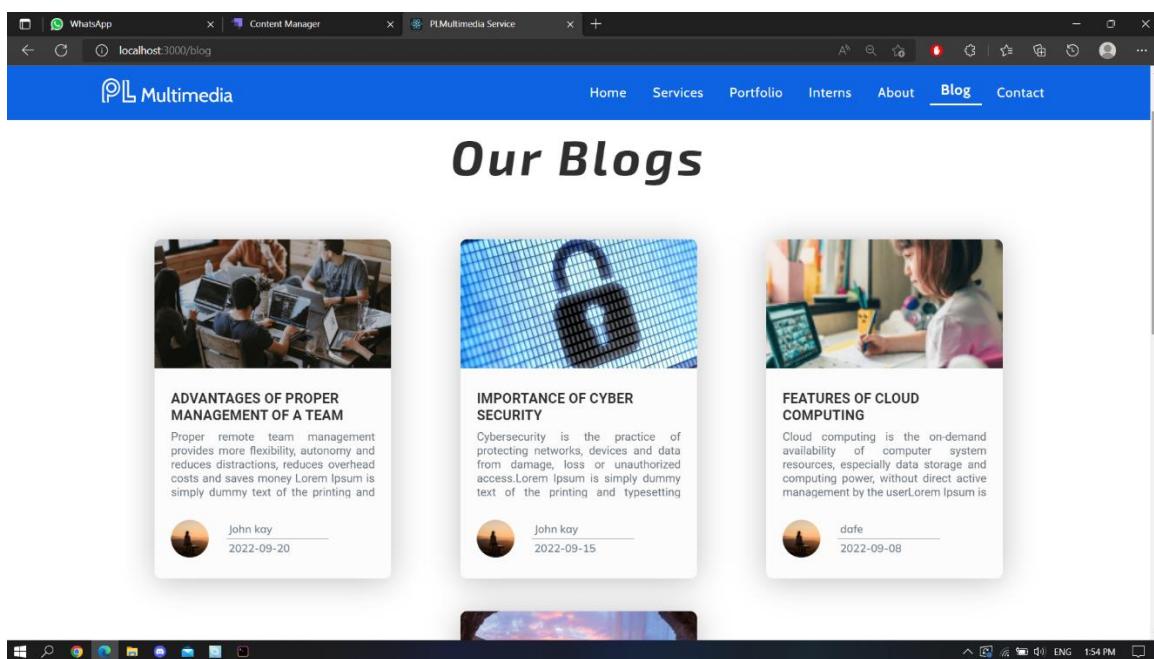


Figure 54: New Blog Added.



Figure 55: Asking for Guidance whenever Required.

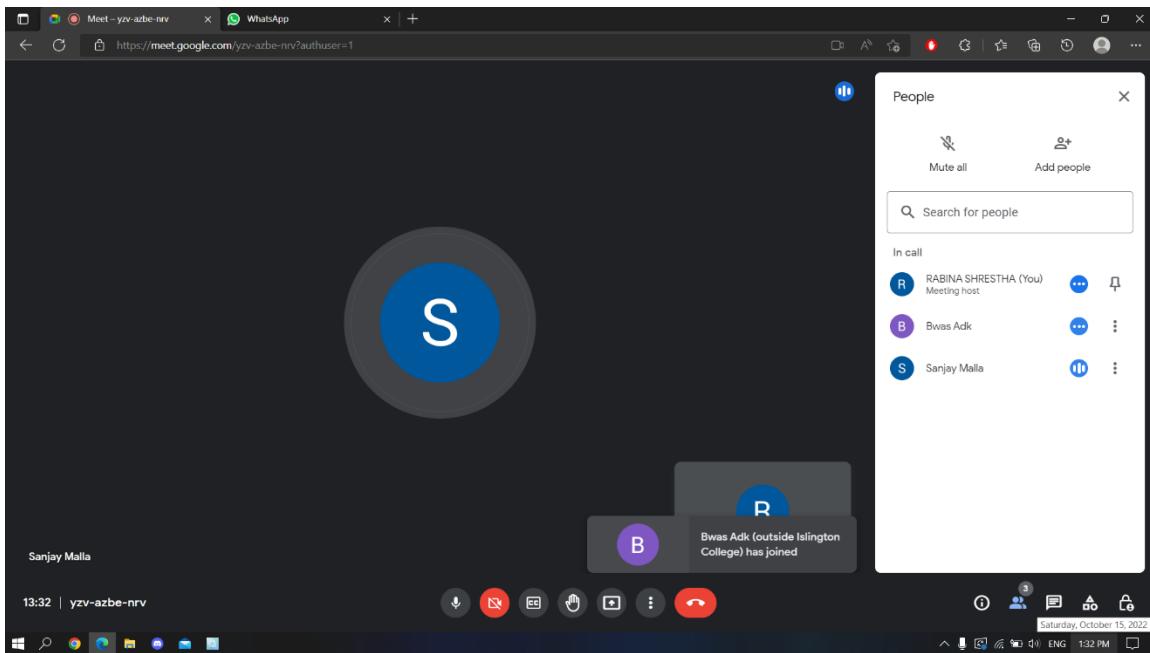


Figure 56: Clearing Doubts about Strapi.

```

1  module.exports = ({ env }) => [
2    'strapi::errors',
3    {
4      name: 'strapi::security',
5      config: {
6        contentSecurityPolicy: {
7          useDefaults: true,
8          directives: {
9            'connect-src': ["'self'", 'https:'],
10           'img-src': ["'self'", 'data:', 'blob:', 'dl.airtable.com', 'res.cloudinary.com'],
11           'media-src': ["'self'", 'data:', 'blob:', 'dl.airtable.com', 'res.cloudinary.com'],
12           upgradeInsecureRequests: null,
13         },
14       },
15     },
16   },
17   'strapi::security',
18   'strapi::cors',
19   'strapi::poweredBy',
20   'strapi::logger',
21   'strapi::query',
22   'strapi::body',
23   'strapi::session',
24   'strapi::favicon',
25   'strapi::public',
26 ];

```

Figure 57: Strapi with PostgreSQL.

8.5.4. LO4 Evidence

Project Management Skills

To be a leader of Web Development Project

Inbox ×



internships@plmultimediaservice.com

Tue, Jul 19, 2022, 9:34 PM



to me ▾

Dear Rabina ji,

Please find the email of the web developer intern candidates.

mhrznavinna401@gmail.com, baibhab.bhattarai.2001@gmail.com,
biraj.intrn@gmail.com, shivankunwar77@yahoo.com,
dikshyant.kashajoo@gmail.com, himanikarki@gmail.com,
osakamali6252@gmail.com, mahatopragarti06@gmail.com,
priyankasinghthakuri57@gmail.com, SALAJSUBEDI11@gmail.com,
SamitaSunuwar@gmail.com, mallasanjay44@gmail.com, sharnam34@gmail.com,
sshreeya19@yahoo.com, bhandarishrijana556@gmail.com,
utsavmagar88728@gmail.com, bikemsreezal@gmail.com, raehexsis@gmail.com,
chandrisabh48@gmail.com, connectsudipmahato@gmail.com,
SonamHyalmo_345@gmail.com, utsavmagar88728@gmail.com

Please make a team and divide the interns into three different projects based on their interests.

Regards,

Sandip Lamichhane

Figure 58: Task as Project Manager.

Web Developer Internship Projects; PL Multimedia Service

Inbox ×



Rize Sh <rabinaa.shresthaa@gmail.com>

Wed, Jul 20, 2022, 11:26 AM



to mhrznavinna401, baibhab.bhattarai.2001, biraj.intrn, shivankunwar77, dikshyant.kashajoo, hir ▾

I believe you have received the mail from PL Multimedia regarding the Internship. You are now required to choose one of the web development projects from the attached links as per your interest.

Task 1: Website Development for PL Multimedia Service (www.plmultimediaservice.com)
Task 2: Web development for a news portal company (www.omkhabar.com)
Task 3: Website development for a pharmaceutical distributor (For a domain: www.relievepharma.com)

You are also requested to provide your email and phone number as soon as possible so that we can move on further towards the initialization of the project.

Yours Sincerely
Rabina Shrestha
9861230156

Figure 59: Sending Mails to the Interested Interns.

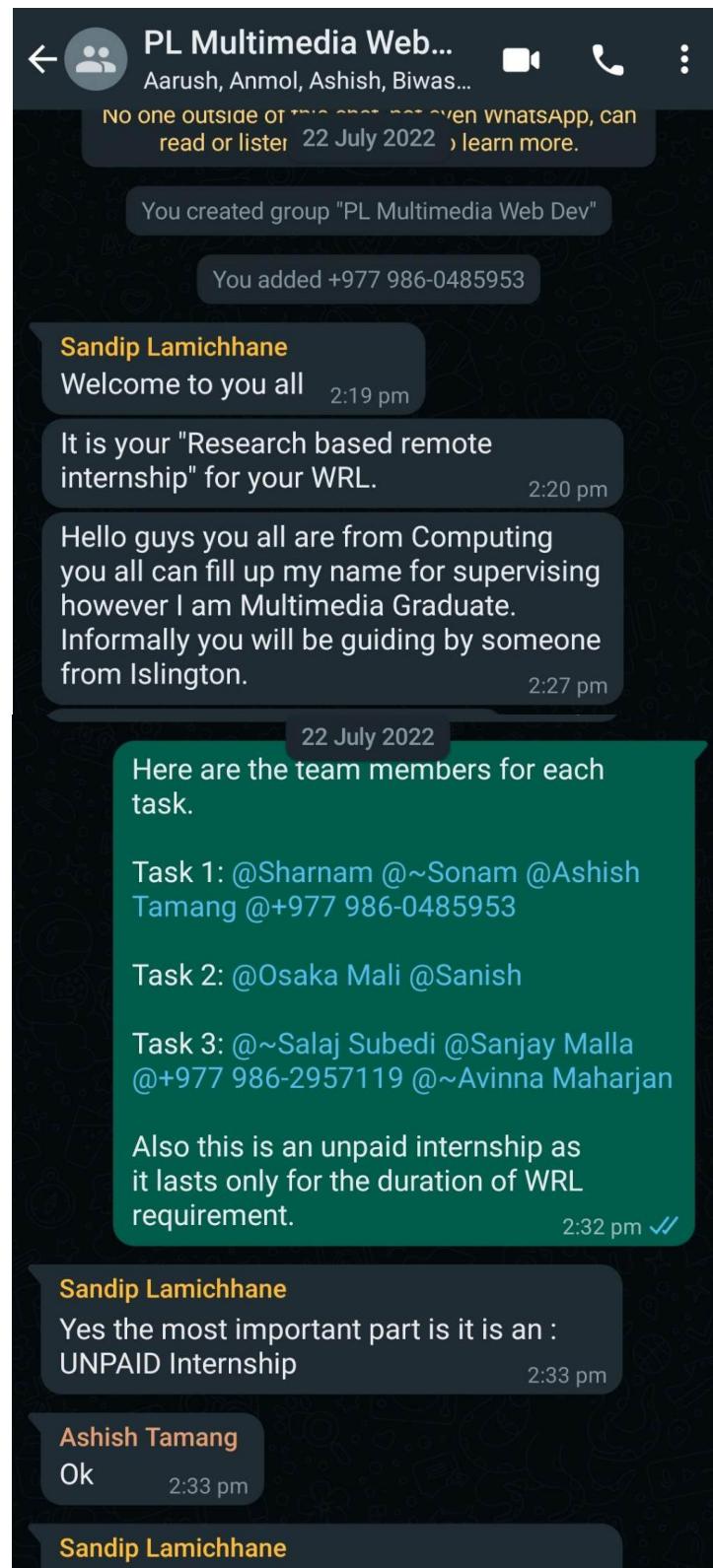


Figure 60: Adding all Interns to the Group along with the Supervisor.

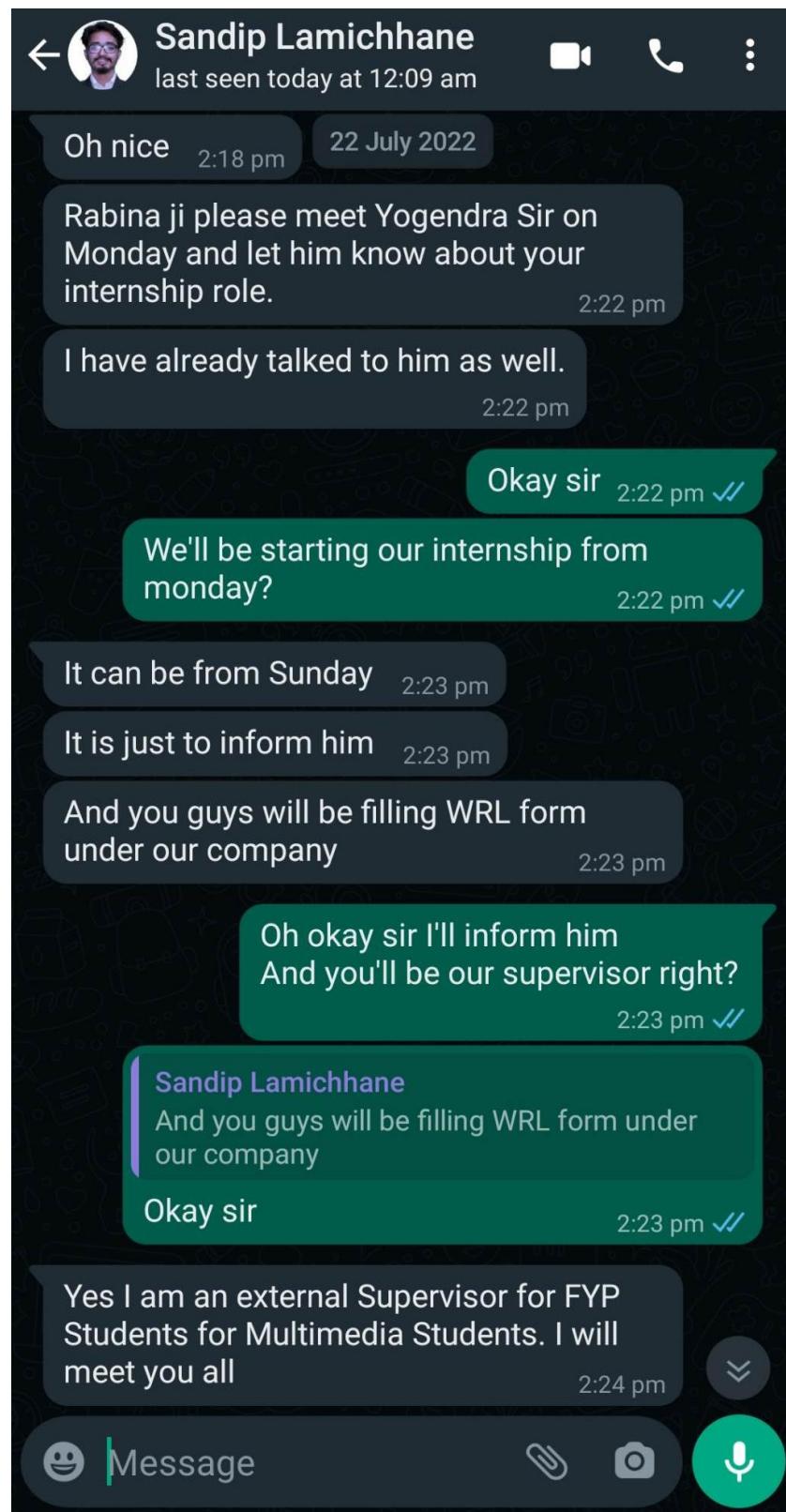


Figure 61: Meeting with Mr. Yogendra Sir to Inform about the Internship.



Figure 62: Created a Discord Group for the Team Members.

Welcome to **#wrl!**

This is the start of the #wrl channel.

28 July 2022

- rize 28/07/2022 19:17
 - Final_Report.pdf 4.16 MB
 - WRL_Final_Report.docx 3.00 MB
 - 2018-19_FC6W03NI_W1_16034934_Sandip_Lamich... 620.50 KB

7 August 2022

- rize 07/08/2022 12:52

Company Name: PL Multimedia Service Pvt. Ltd
 Employer Address: Bharatpur-20, Chitwan
 Company Supervisor's Name and Position: Sandip Lamichhane
 Company Supervisor's Postion: Chief Marketing Executive
 Company Supervisor's Contact Number: 9860283950
 Company Supervisor's Email Address: internships@plmultimediaservice.com
 End Date: 23rd October (edited)
 Join Date: 23rd July
 Job Role: Web Developer

7 October 2022

- rize 07/10/2022 11:54

Student's work/placement address: Remote Internship

Figure 63: Gave the Necessary Information to Each Intern.

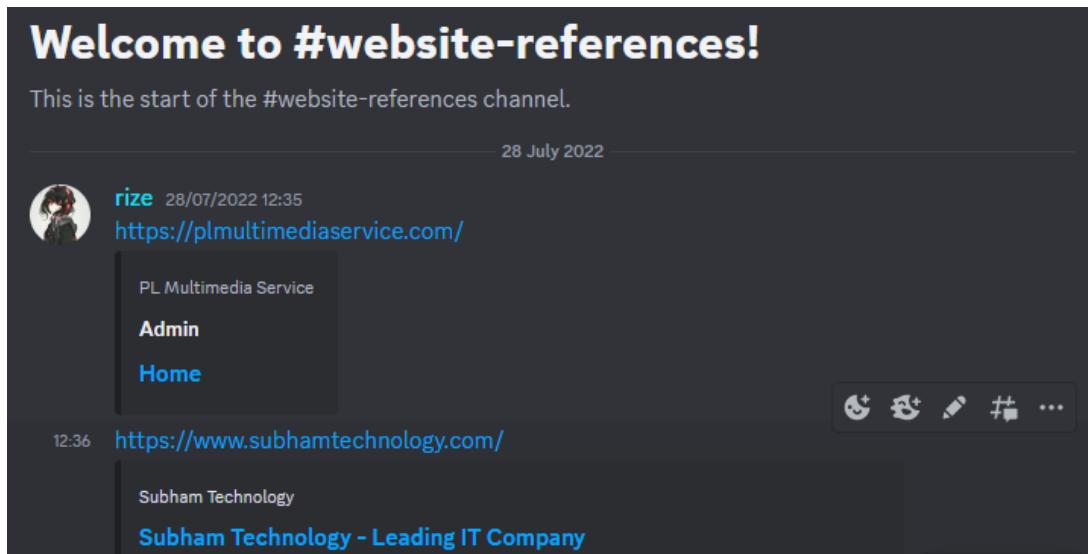


Figure 64: Provided the References given by the Supervisor.

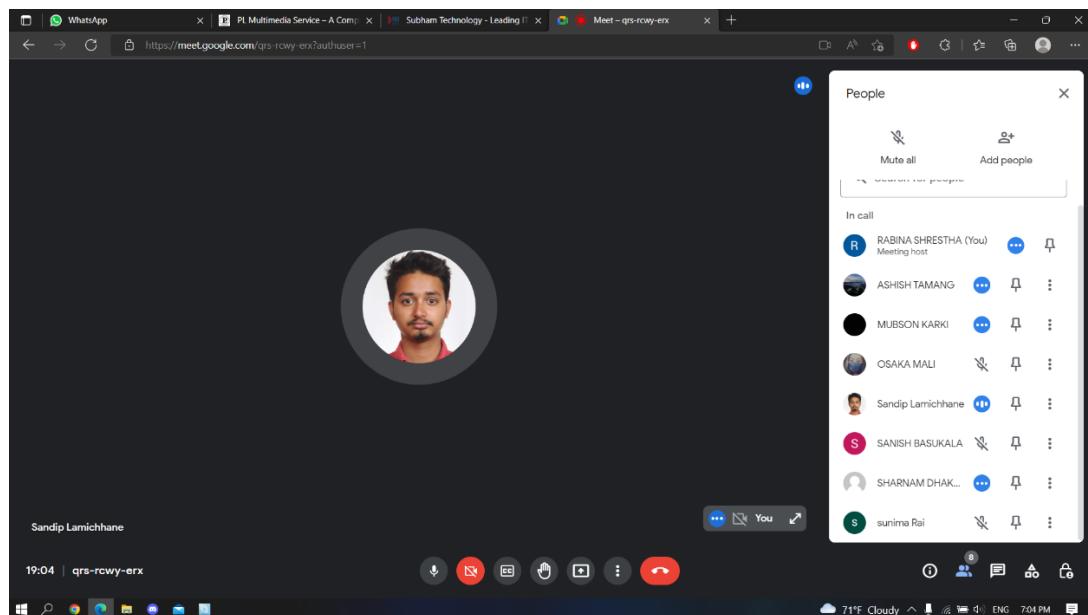


Figure 65: Hosted First Meeting with the Supervisor.

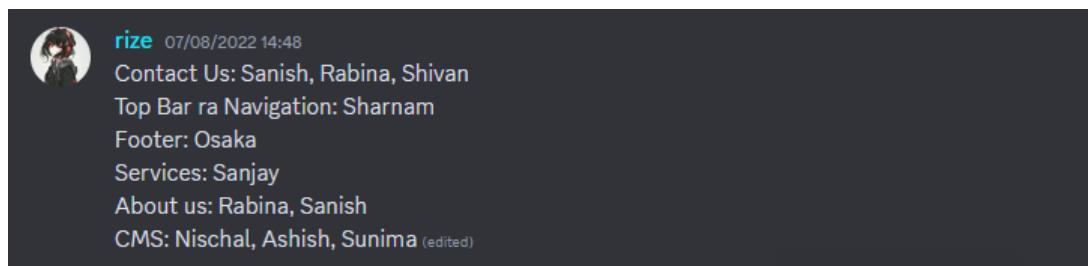


Figure 66: Assigned Task to the Team Members.

B	C	D	E	F
Sharnam Dhakhwa	9/2/2022	2:30AM - 3:50PM	Internship page Figma design	Completed
Sanish Basukala	9/2/2022	2:30PM - 6:05PM	Adjusting Contact Us	Ongoing
Rabina Shrestha	9/2/2022	11:00 AM - 12:00 PM	Contact Us Email Js	Ongoing
Rabina Shrestha	9/2/2022	2:30 PM - 6:35 PM	Adjusting Contact Us	Ongoing
Anmol Godar	9/2/2022	1:00pm - 7:30pm	Graphic Designing & Figma Designing	Ongoing
Sunima Rai	9/2/2022	8pm - 10pm	learning strapi	ongoing
Osaka mali	9/2/2022	8 PM- 9:30 PM	Single blog page Css frontend	Ongoing
Sharnam Dhakhwa	9/3/2022	10:00AM - 12:25PM	Strapi collection creation + postman data (get post delete auth) settings	Completed
Sharnam Dhakhwa	9/3/2022	2:00PM - 6:05PM	Intern Frontend responsiveness+ Contact Us css help	Completed
Sanish Basukala	9/3/2022	11:30AM - 6:05PM	Adjusting Contact Us	Ongoing
Rabina Shrestha	9/3/2022	11:30PM - 6:05PM	Adjusting Contact Us	Ongoing
Anmol Godar	9/3/2022	1:00pm - 5:00pm	Graphic Designing & Figma Designing	Ongoing
Sunima Rai	9/4/2022	11am - 1:23pm	starting strapi for blog	ongoing
Osaka Mali	9/2/2022	11 AM- 2:30 PM	Single blog page frontend	Complete
Rabina Shrestha	9/4/2022	1:45 AM - 4:40 PM	Contact Us	Ongoing
Sanish Basukala	9/4/2022	1:45PM - 4:40PM	Contact Us	Ongoing
Sharnam Dhakhwa	9/4/2022	2:40PM - 4:55PM	Intern content mapping + File name fixes	Completed
Sanjay Malla	9/4/2022	3:00PM - 4:15PM	Services Slider component for homepage	Completed
Ashish Tamang	9/4/2022	11:05 am - 5pm	starting strapi for blog	ongoing

Figure 67: Created Daily Work Logs to Track Progress.

Rabina Shrestha				
Date	Time	Description	Status	
07/24/22		Research Planning		
07/25/22		Research Planning		
07/26/22	11:00 PM - 12:30 PM	First Group Meeting	Complete	
07/26/22	6:30 PM - 8:00 PM	Online Group Meeting with the Supervisor	Complete	
07/27/22	1:45 PM - 2:10 PM	Creating Daily Work Log File for the Project	Complete	
07/27/22	3:45 PM - 6:15 PM	Project Related Learning: React (LinkedIn)	Complete	
07/27/22	6:30 PM - 8:00 PM	Online Group Meeting with the Supervisor	Complete	
07/28/22	11:00 AM - 1:10 PM	Figma Mood Boarding	Complete	
07/28/22	2:00 PM - 4:55 PM	Figma Designing	Complete	
07/28/22	6:30 PM - 8:00 PM	Online Group Meeting with the Supervisor	Complete	
07/29/22	11:00 AM - 1:10 PM	Figma Designing	On going	
07/29/22	3:00 AM - 5:00 PM	Figma Designing	On going	
07/31/22	11:00 AM - 1:20 PM	Figma Designing	On going	
07/31/22	3:00 AM - 5:00 PM	Figma Designing	Complete	
08/01/22	3:30 PM - 4:55 PM	Updating Daily Work Log	Complete	
08/02/22	7:00 AM - 8:30 PM	Researched Based on CMS	On going	
08/03/22	1:30 PM - 3:05 PM	Learning Git and Github	On going	
08/03/22	6:30 PM - 8:00 PM	GitHub Team Workshop	On going	
08/04/22	12:00 PM - 2:00 PM	Learning Git and Github	On going	
08/04/22	4:20 PM - 6:00 PM	Practicing Git on learngitbranching.js.org	Complete	
08/05/22	1:00 PM - 3:20 PM	Practicing Git	On going	
08/05/22	10:30 PM - 12:00 AM	Learning React Js	On going	
08/07/22	5:00 PM - 8:50 PM	Contact Us Frontend	Complete	
08/07/22	9:15 PM - 11:40 PM	Contact Us Frontend Responsive	Complete	
08/08/22	2:00 PM - 5:40 PM	Contact Us Frontend Responsive	Complete	
08/09/22	11:00 AM - 1:00 PM	Physical Meeting with Supervisor	Complete	

Figure 68: Created Individual Work Logs.

Sunima Rai				
Date	Time	Description	Status	
07/26/22	6:30 PM - 8:00 PM	Online Group Meeting with the Supervisor	Complete	
07/27/22	1:00 PM - 3:14 PM	Project Related Learning: Node (YouTube)	Complete	
07/27/22	3:30 PM - 5:30 PM	Project Related Learning: Core JavaScript (YouTube)	On going	
07/27/22	6:30 PM - 8:00 PM	Online Group Meeting with the Supervisor	Complete	
07/28/22	11:15 AM - 12:17 PM	Project Related Research: Domain Name Search	On going	
07/28/22	8:45 PM - 10:00 PM	Project Related Learning: Continue JavaScript (YouTube)	On going	
07/29/22	9:30 AM - 11:30 AM	Project Related Learning: Continue JavaScript (YouTube)	On going	
07/29/22	3:00 PM - 5:00 PM	Project Related Learning: Continue JavaScript (YouTube)	On going	
08/01/22	9:30 AM - 12:30 PM	Project Related Learning: Continue JavaScript (YouTube)	On going	
08/01/22	3:51 PM - 4:53 PM	Project Related Research: CMS and Database	On going	
08/02/22	11:30 AM - 12:35 AM	Learning JavaScript through w3schools.com	Complete	
08/02/22	3:00 PM - 4:00 PM	Researched Based on CMS	On going	
08/02/22	8:30 PM - 9:22 PM	Researched Based on CMS	Complete	
08/03/22	10:30 AM - 12:20 PM	Learning Git and Github through Youtube and Js	On going	
08/03/22	4:00 PM - 6:00 PM	Went through Youtube tutorials for Git and Github	On going	
08/03/22	6:30 PM - 8:00 PM	GitHub Team Workshop	On going	
08/04/22	10:30 AM - 11:30 PM	Git /GitHub Revision	On going	
08/04/22	11:32 AM - 12:32 PM	Learning Briefly in NodeJs	On going	
08/04/22	10:00 AM - 12:00 PM	React JS via LinkedIn and youtube	On going	
08/04/22	9:30 PM - 11:12 PM	Created a private repository and practice git	On going	
08/05/22	11:00 AM - 1:00 PM	Learning Node Js	On going	

Figure 69: Individual Work Logs.

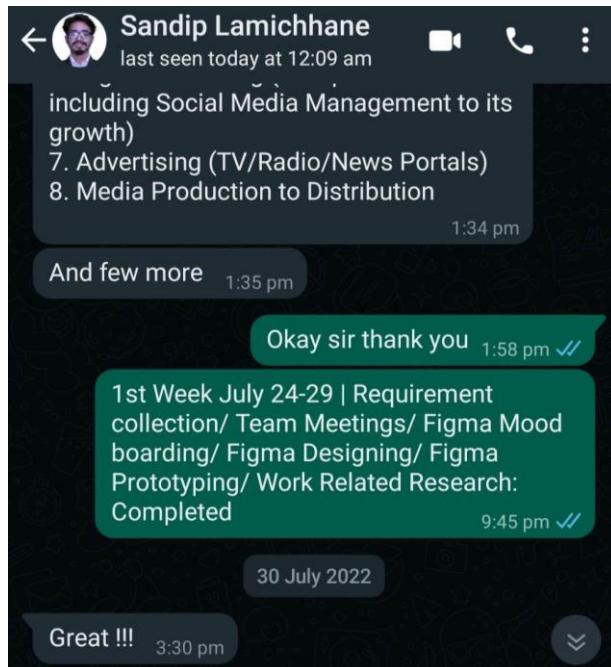


Figure 70: Gave the Progress Report to the Supervisor.

Review of the team members from the project manager (Rabina Shrestha)

Members	Review
Sharnam Dhakhwa	Very efficient and a great all-rounder. Is ready at all times to take on any duty. Demonstrates unwavering commitment to the project and helped lead it to its successful completion. Was highly interested in learning and putting new ideas into practise in order to improve the code.
Sanish Basukala	Was eager to pick up new ideas and incorporate them into the code. Has a great ability to operate as a team. Completed the work on time and provided code of high quality. He devoted his time to the project whenever it was needed.
Sunima Rai	She was really passionate about learning, researching, and applying new concepts into the project. Showed the skills of a top-notch debugger. Assisted the team member in resolving backend issues and worked punctually.
Shivan Jung Kunwar	His performance on the allocated backend tasks was effective and efficient. Provided high-quality code and conducted additional topic research in order to incorporate it into the project. Was competent to complete the responsibilities assigned to him.
Nischal Subedi	Had exceptional skills to finish the tasks put in his charge. High-quality code was supplied and further topic study was carried out in order to include it into the project. Performed effectively and efficiently on the assigned backend tasks.
Sanjay Malla	Exceptional front-end and back-end skills. Delivered top-notch code and finished his task on schedule. Was capable of handling challenging duties by himself. Greatly benefited in the project's completion.
Osaka Mali	Tried to pick up new skills and adapt, but wasn't very successful. Provided unsatisfactory codes that had to be refined by other team members. Took far too long to finish
	simple tasks, but gradually picked up the pace and finished simplest tasks.
Ashish Tamang	Was more interested in self-learning rather than in contributing to the project. Took months to attempt the assigned task but was unsuccessful; requiring another team member to take over the task. Has little to no contribution in the project's development. Very unsatisfactory performance.
Anmol Godar	The majority of the materials were already in place as he joined the project late. Made an effort to help the project in any way possible.

Figure 71: Gave Honest Review and Feedback to the Supervisor.

8.5.5. LO5 Evidence

Team Work and Communication Skills

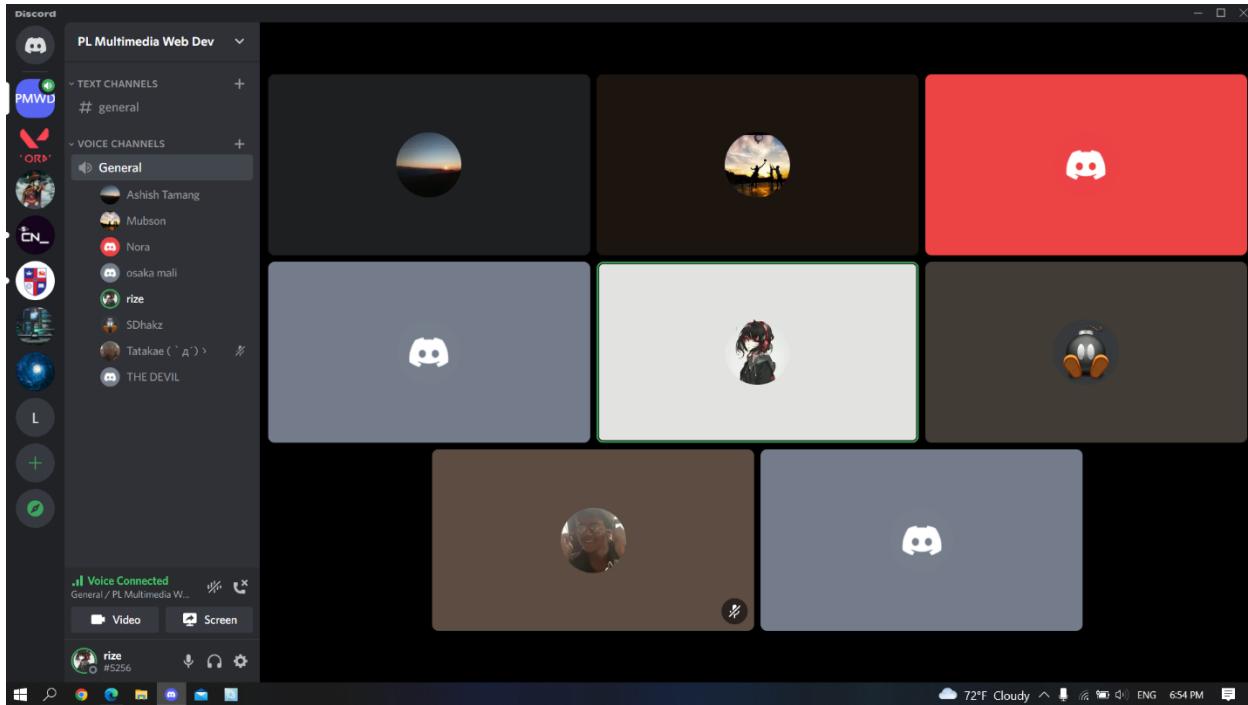


Figure 72: Discussing on How to Start Off the Project.

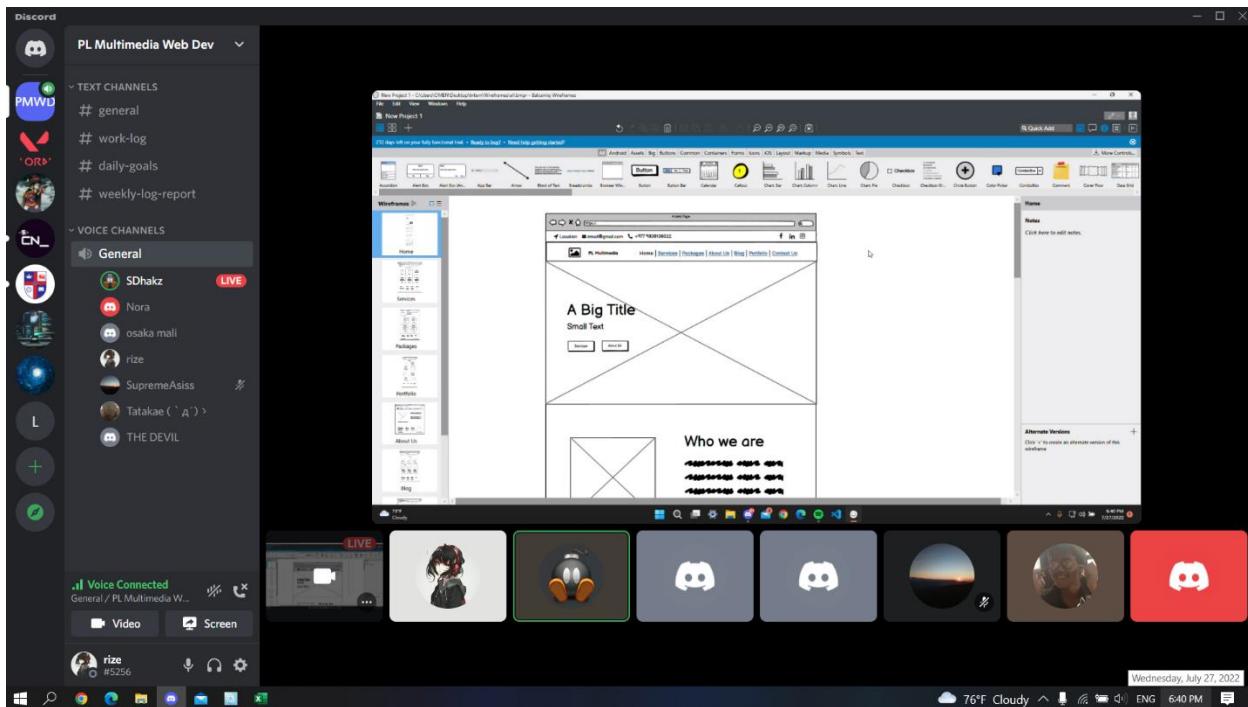


Figure 73: Creating and Reviewing the Wireframe made by the Team.

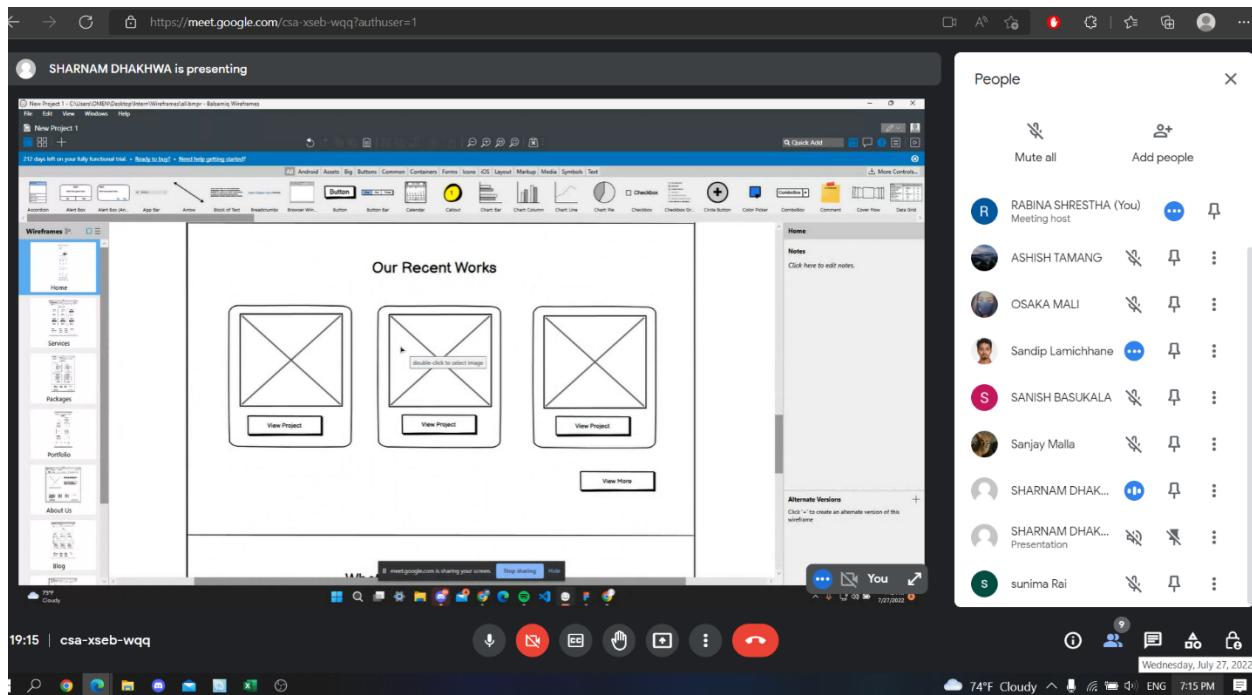


Figure 74: Presenting our Ideas.

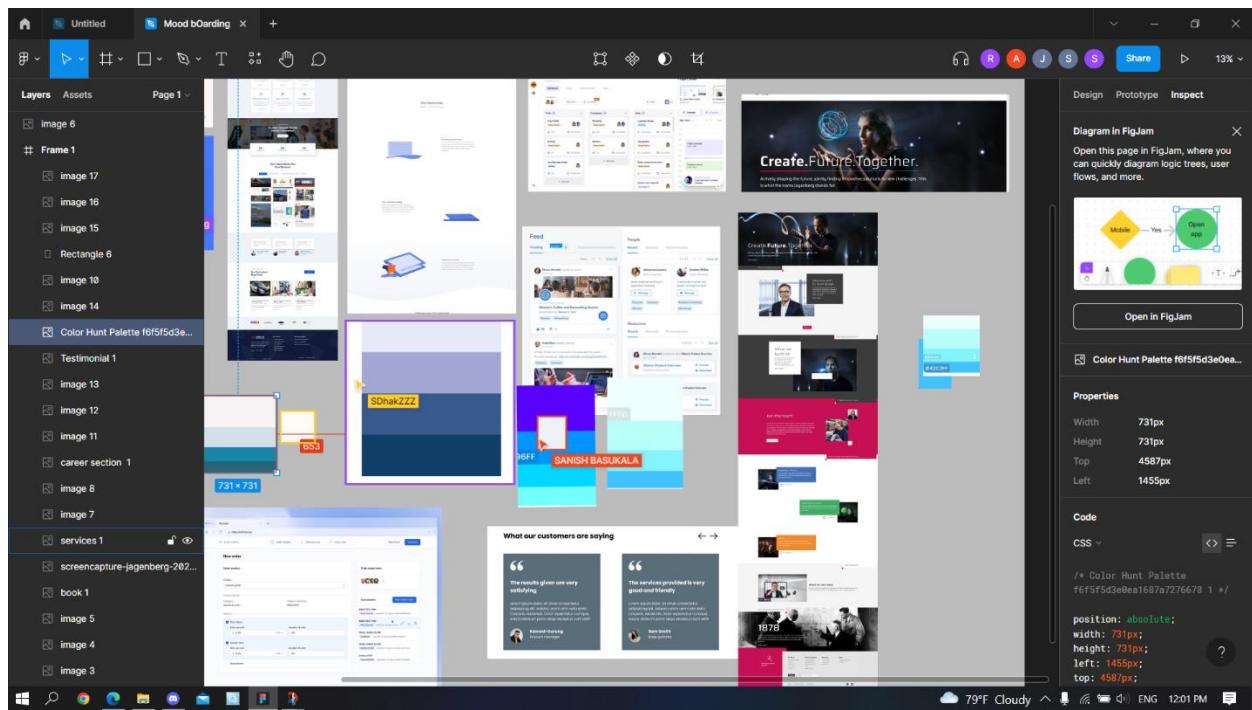


Figure 75: Bringing UI Ideas to the Mood Boarding Figma.

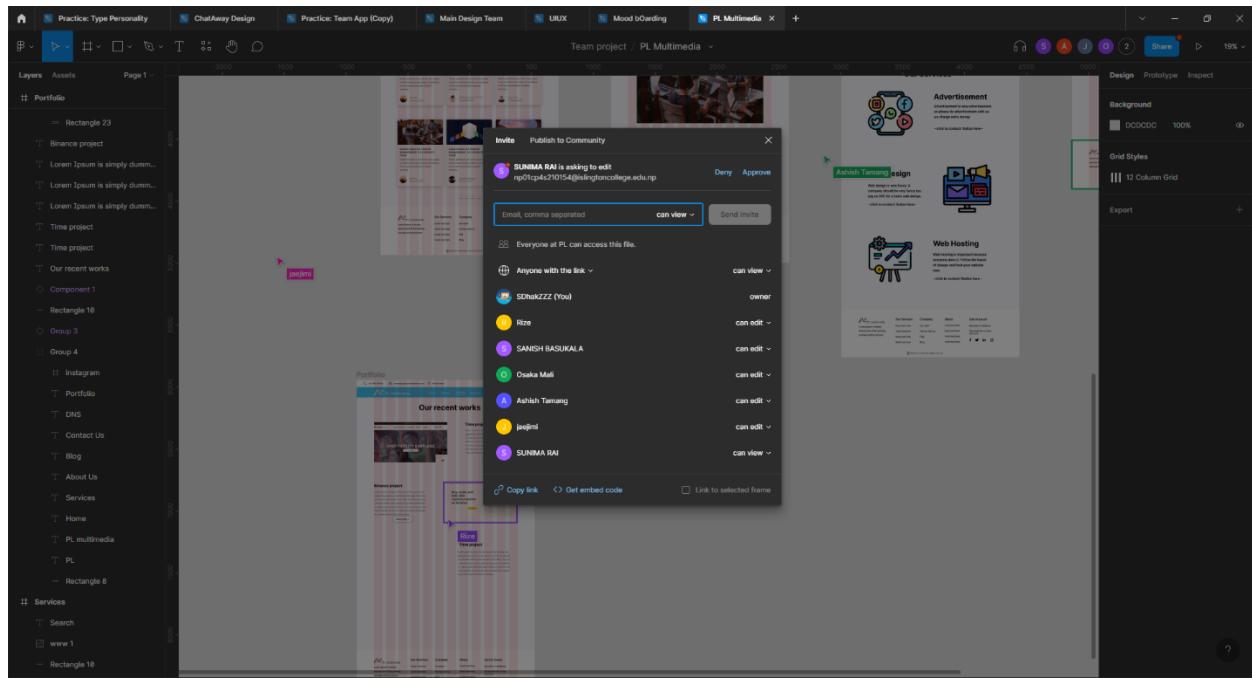


Figure 76: Working Together in Figma.

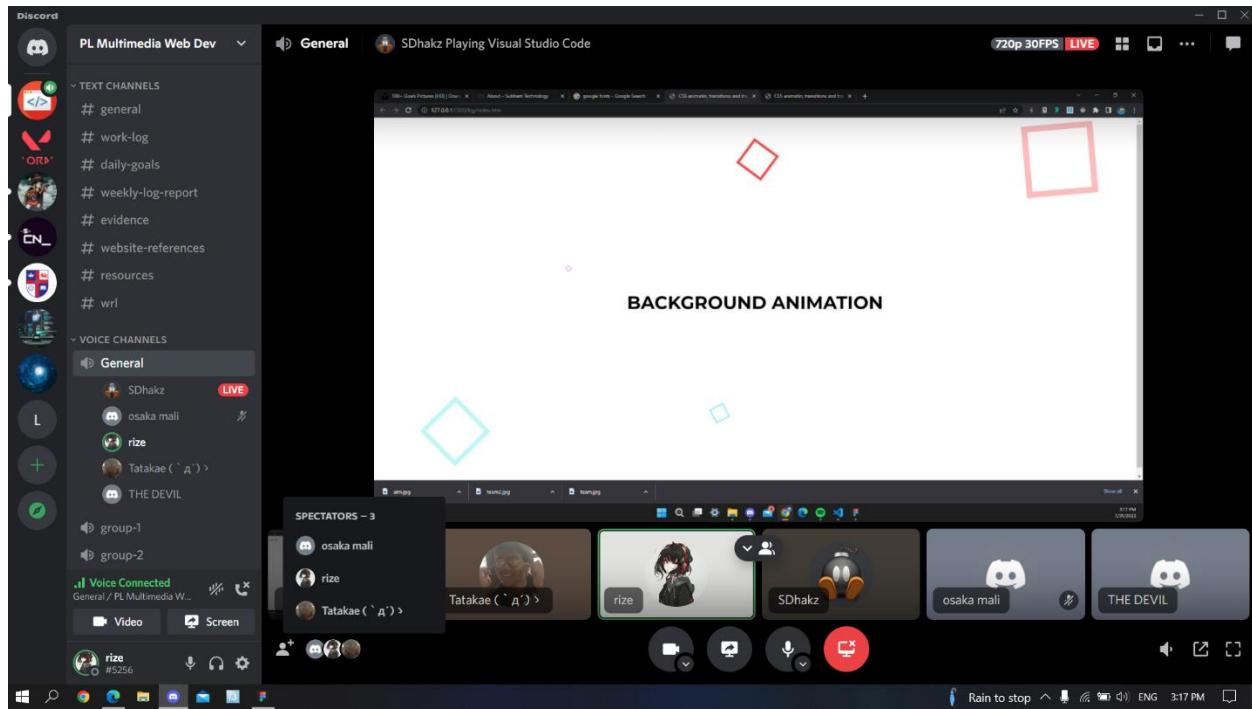


Figure 77: Voting on the Best Type of Animation.

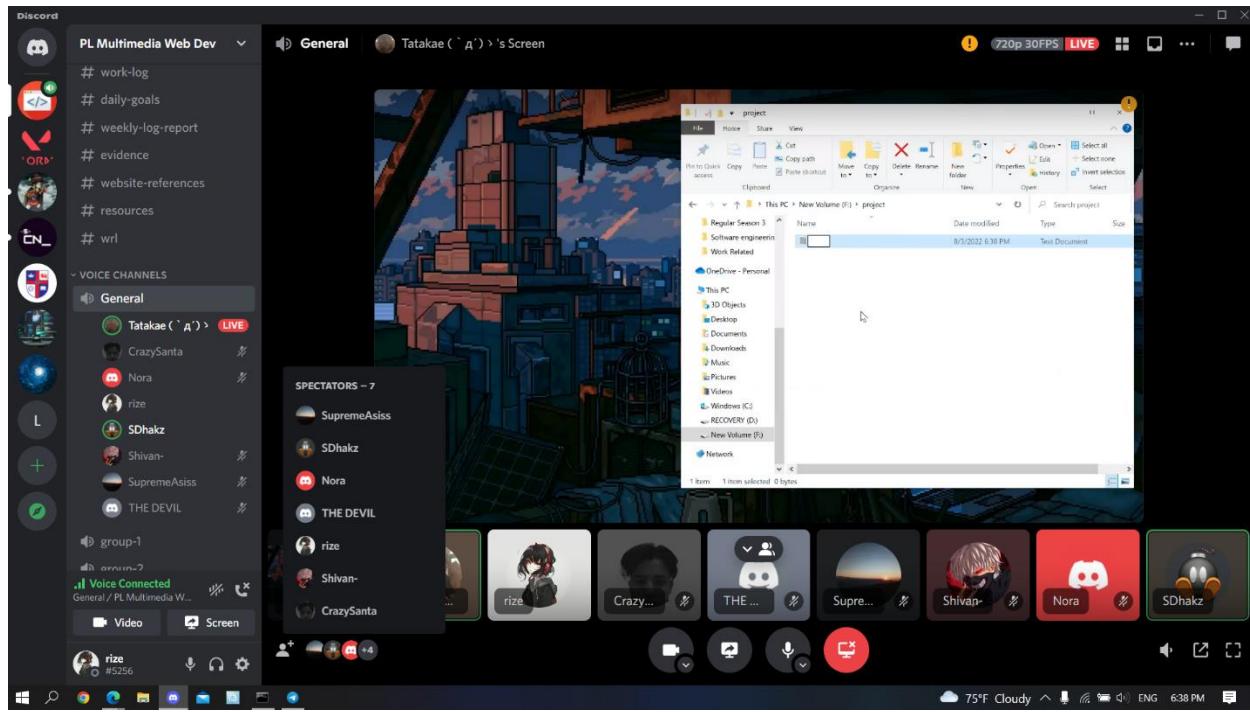


Figure 78: Learning and Teaching Git Commands.

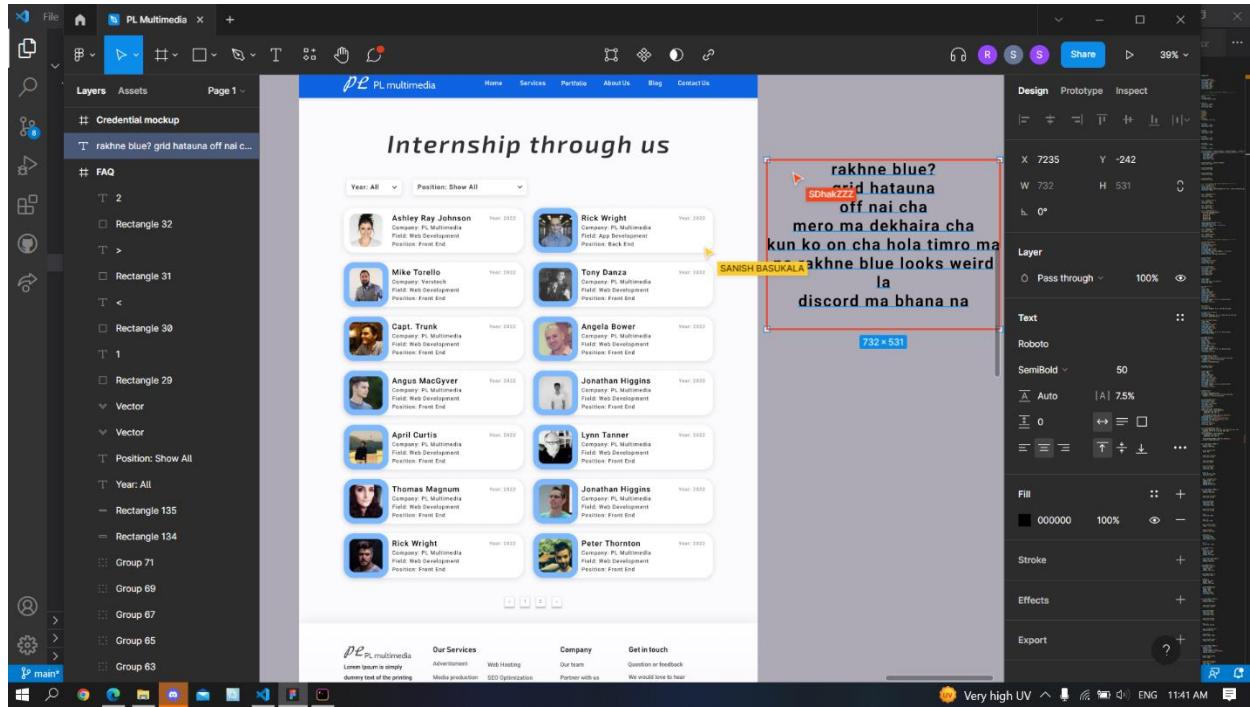


Figure 79: Giving Opinions while Having Fun.

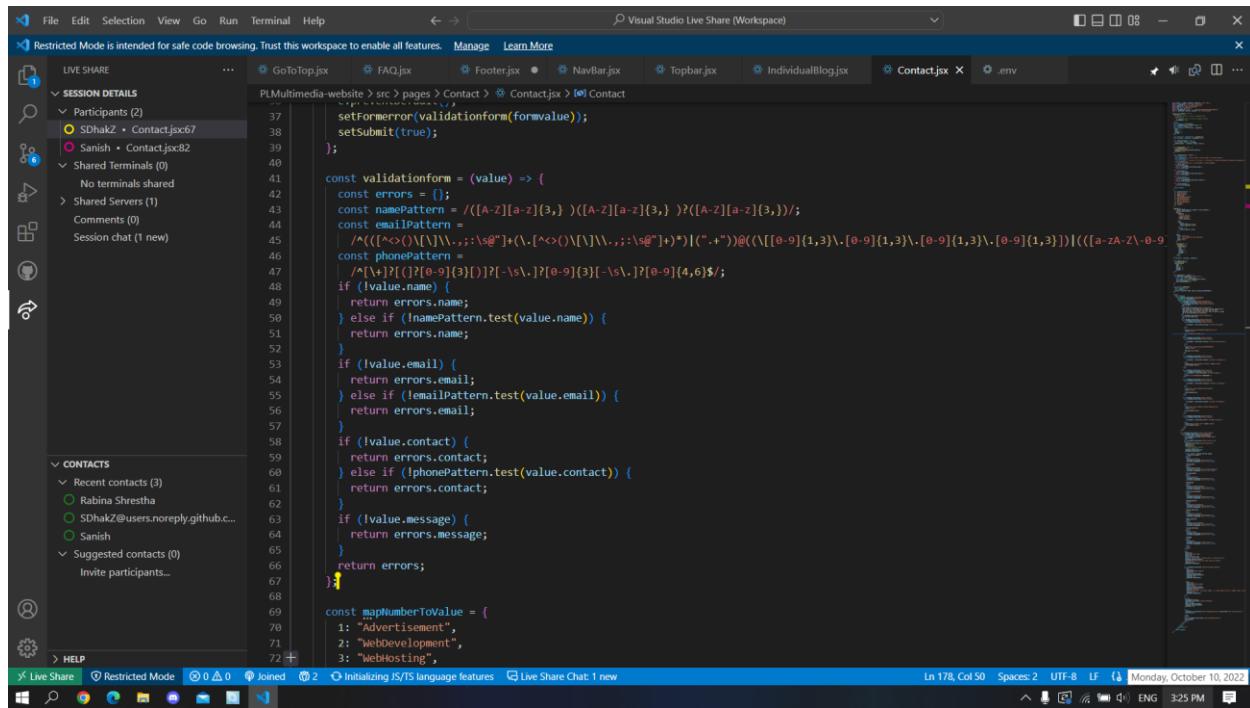


Figure 80: Using Live Share Extension to Work on the Code Together.

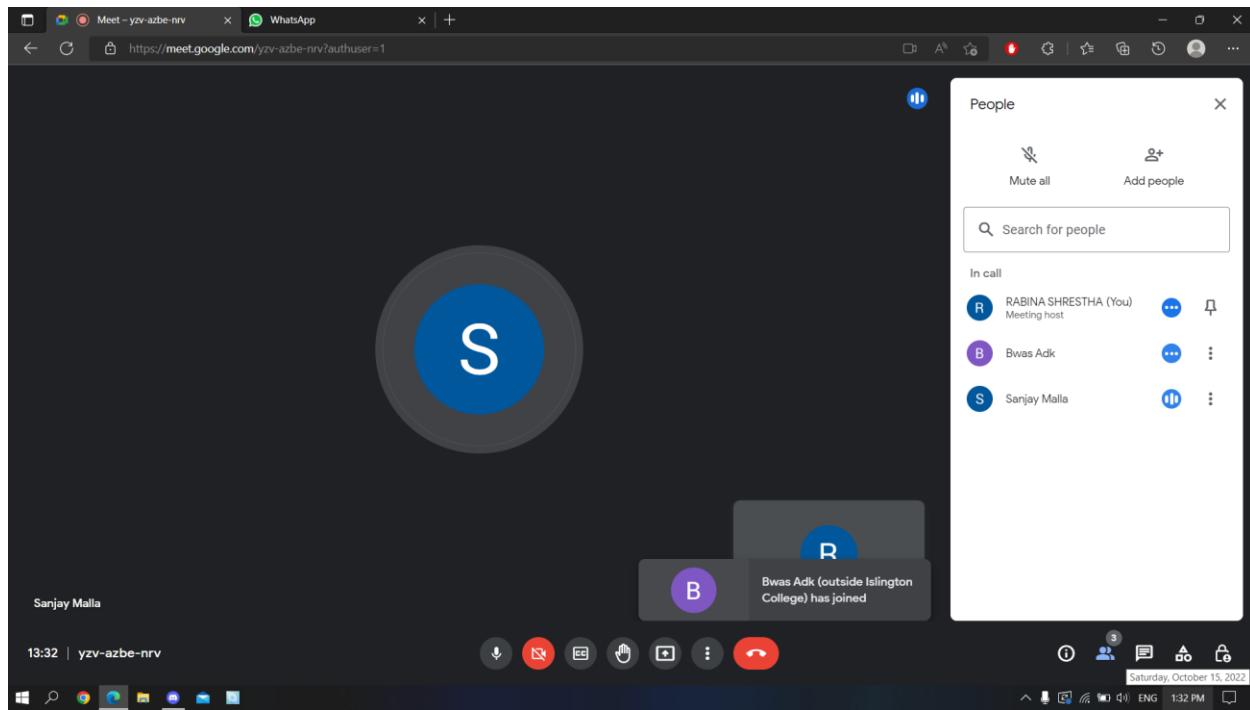


Figure 81: Scheduling Meetings for Team Members to Clear their Doubts.

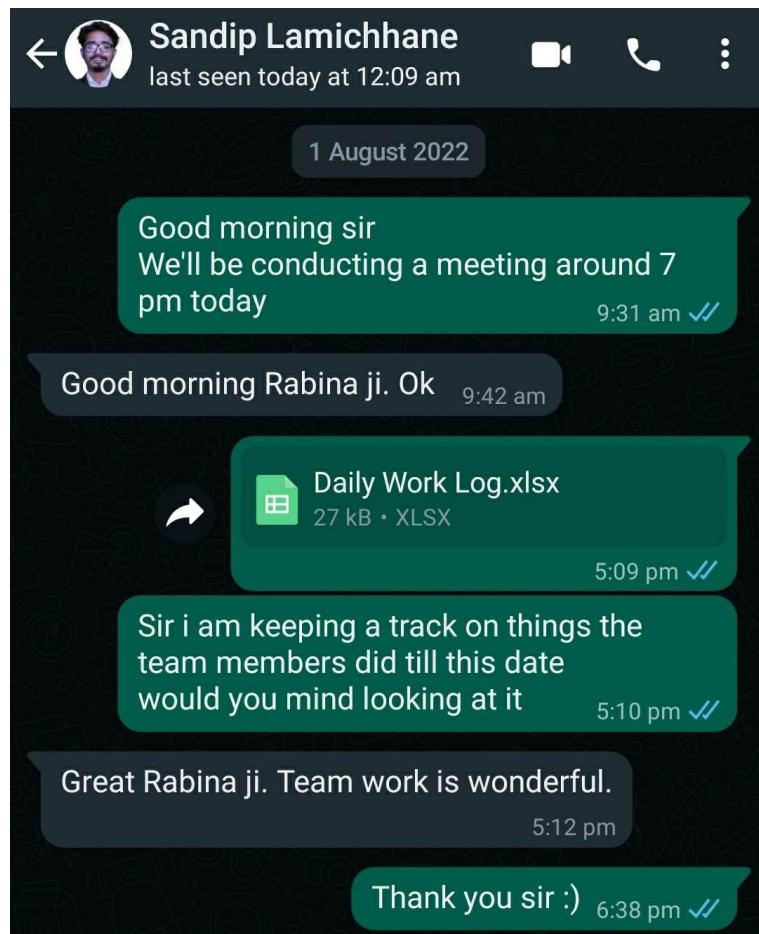


Figure 82: Getting Good Feedback regarding Our Teamwork.

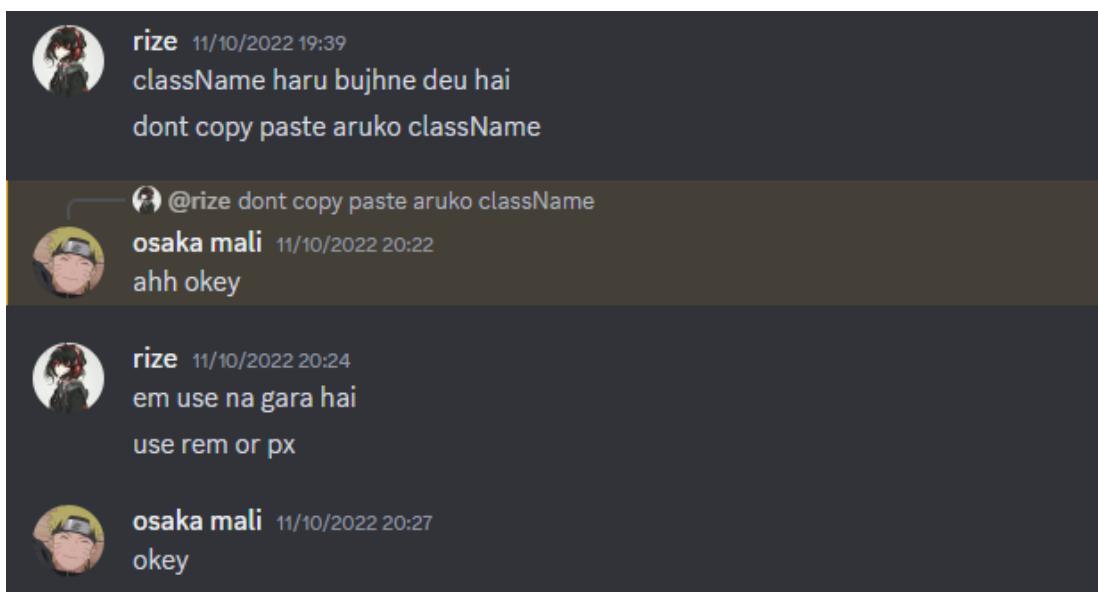


Figure 83: Giving Feedbacks.

 **Tatakae** 27/07/2022 14:34
<https://forms.gle/SP2sdXSyShgwXCqm7>

Google Docs
Requirement Survey
Form to gather the requirements for PL multimedia website

try now

 **Sharnam Dhakhwa** 27/07/2022 14:37
Its good

 **Tatakae** 27/07/2022 14:38
Any additional questions suggestions that you guys have in mind for this Questioner?

 **Sharnam Dhakhwa** 27/07/2022 14:40
Hmm nothing i can think off

 **Tatakae** 27/07/2022 14:44
@everyone check the form and let me know if you want any other questions to be added

 **SupremeAsiss** 27/07/2022 14:44
ok

 **rize** 27/07/2022 14:45
What are the services that PL multimedia intends to deliver to their customer?
We can only choose one option in this question tara hijo sir le meeting ma vannu vako anusar ta saab garcha haina ra pl multimedia le

 @rize What are the services that PL multimedia intends to deliver to their customer? We can only
 **Tatakae** 27/07/2022 15:05
Okay I'll fix it

Figure 84: Giving Feedbacks and Opinions.

Team Work:

<https://drive.google.com/file/d/1TP4LFWaksQkijyWc8jh7cO9vNy2b3zdY/view?usp=sharing>

8.5.6. LO6 Evidence

Time Management

08/07/22	5:00 PM - 8:50 PM	Contact Us Frontend	Complete
08/07/22	9:15 PM - 11:40 PM	Contact Us Frontend Responsive	Complete
08/08/22	2:00 PM - 5:40 PM	Contact Us Frontend Responsive	Complete

Figure 85: Completed Contact Us Frontend in 2 Days.

08/09/22	6:40 PM - 10:05 PM	About Us	On going
08/10/22	3:00 PM - 6:40 PM	Researching about Node Js for Contact Page	On going
08/11/22	11:00 AM - 2:05 PM	About Us Frontend Responsive	Complete
08/12/22	6:00 PM - 8:15 PM	Researching about Node Js for Contact Page	On going
8/14/2022	6:00 PM - 8:00 PM	Contact Us	On going
8/15/2022	9:00 PM - 11:00 PM	About Us	On going
08/16/22	2:30 PM - 4:40 PM	About US	Complete

Figure 86: Started Working on About Us Page.

08/16/22	6:30 PM - 8:25 PM	Footer Frontend Responsive	On going
9/2/22	11:00 AM - 12:00 PM	Contact Us Email Js	On going
9/2/22	2:30 PM - 6:35 PM	Adjusting Contact Us	On going
9/3/2022	11:30PM - 6:05PM	Adjusting Contact Us	On going
9/4/2022	1:45 AM - 4:40 PM	Contact Us	On going
9/6/2022	8:15 PM - 10:35 PM	Contact Us	On going
9/7/2022	10:30 AM - 12:20 PM	Contact Us	Complete

Figure 87: Took over the Footer Task and Worked on Adjusting Contact Us Page after Integrating Email.js

9/7/2022	12:20 AM - 2:30 PM	Individual Blog Adjustment	On going
9/8/2022	2:00 PM - 4:45 PM	Individual Blog Adjustment	Complete

Figure 88: Took Over Individual Blogs to Adjust the UI.

The screenshot shows a Slack channel named '# work-log' with a dark theme. The channel has a header: '# work-log | Please post what you did when and the duration for the work in this ...'. It includes icons for a checklist, a bell, a star, and a person. Below the header, it says '8 September 2022'.

- Sharnam Dhakhwa** 08/09/2022 16:45: Sharnam Dhakhwa | 9/8/2022 | 1:00PM - 4:45PM | Animations + Individual blog help | Completed
- rize** 08/09/2022 16:46: Rabina Shrestha | 9/8/2022 | 2:00 PM - 4:45 PM | Individual Blog Adjustment | Completed
- THE DEVIL** 08/09/2022 16:46: Sanish Basukala | 9/8/2022 | 2:00PM - 4:45PM | Individual Blog adjustment | Completed
- Odd Aang** 08/09/2022 19:01: Anmol Godar | 9/8/2022 | 3:00PM - 7:00PM| Graphic Designing | Ongoing
- rize** 08/09/2022 19:08: Rabina Shrestha | 9/8/2022 | 6:45 PM - 7:05 PM | Contact Us | Completed

Figure 89: Work Log Channel: Time Management.

8.5.7. LO7 Evidence

Trust-Building Skill

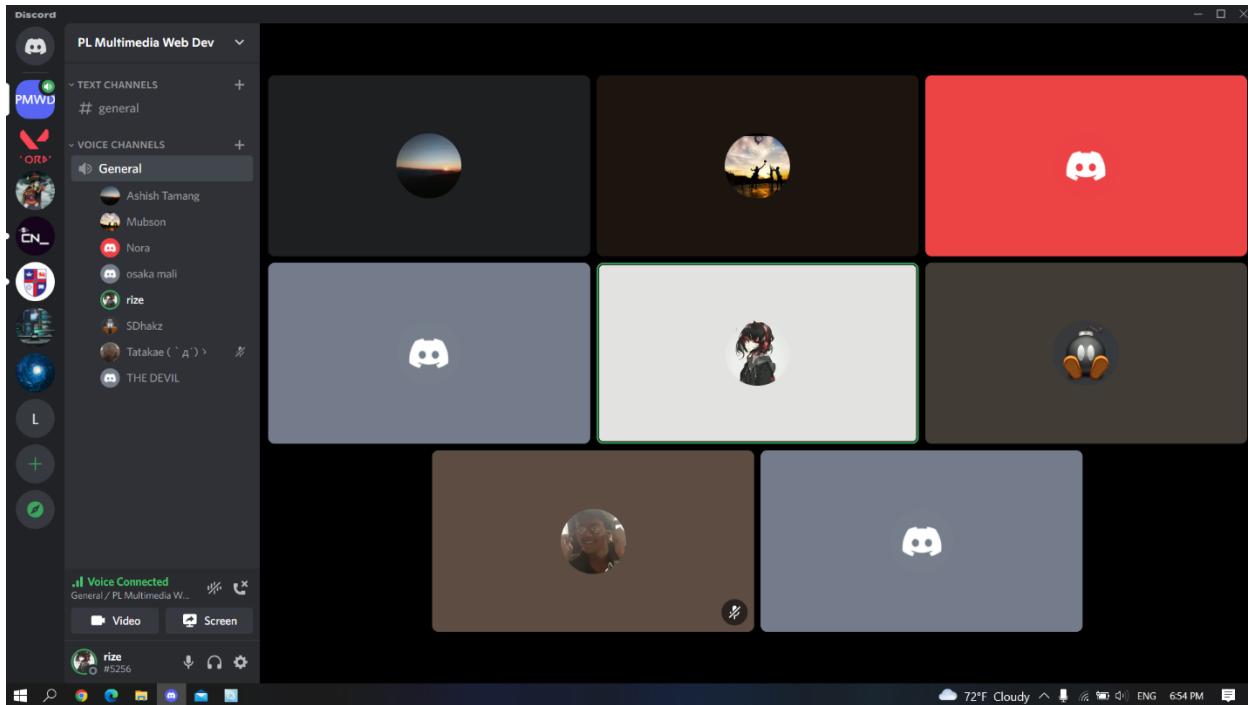


Figure 90: Discussing the Project.

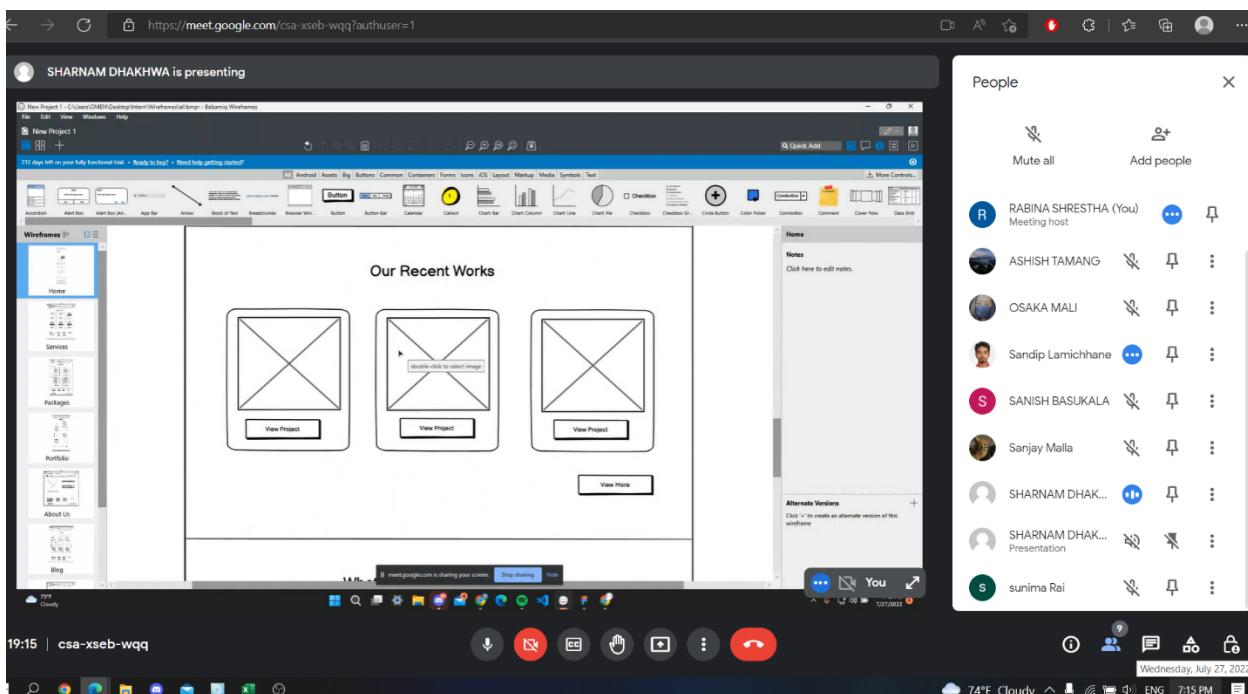


Figure 91: Presenting our Ideas.

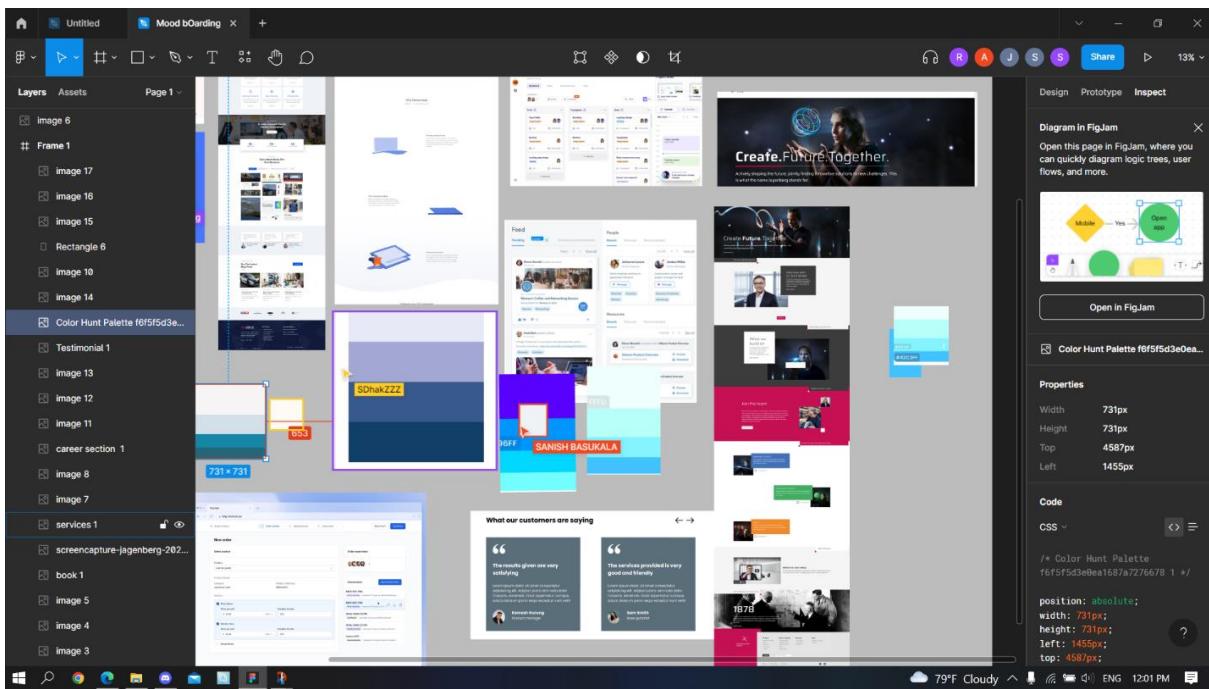


Figure 92: Bringing UI Ideas to the Mood Boarding Figma.

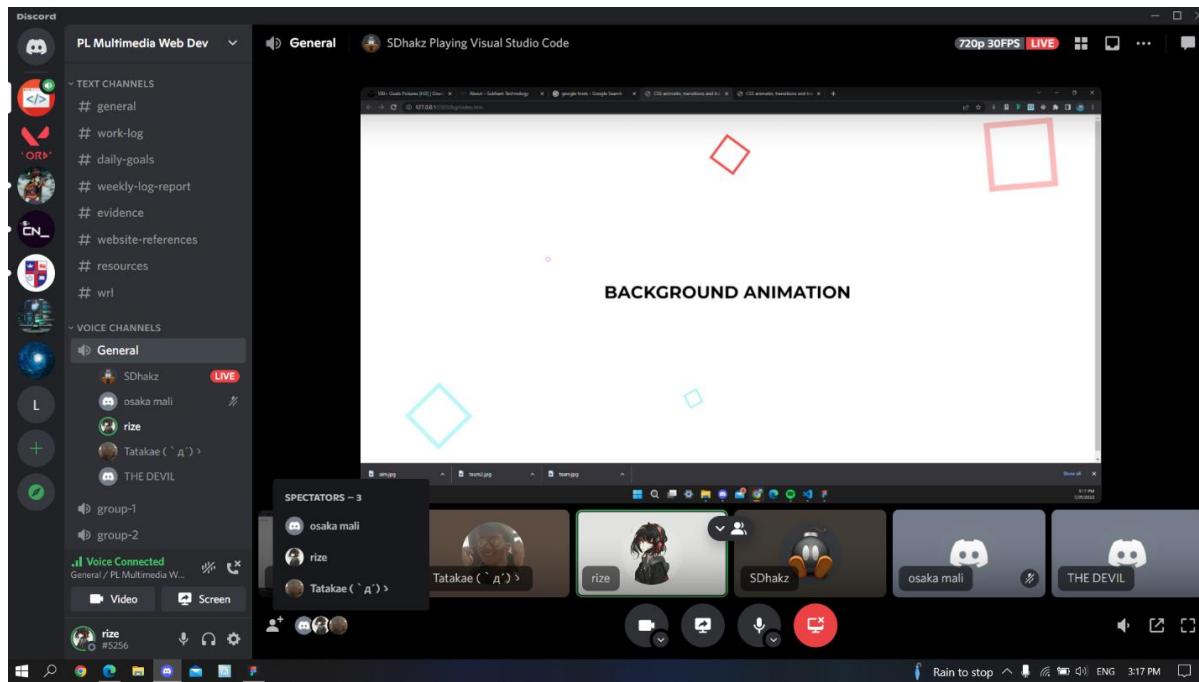


Figure 93: Voting on the Best Type of Animation.

Working Together:

<https://drive.google.com/file/d/1TP4LFWaksQkijyWc8jh7cO9vNy2b3zdY/view?usp=sharing>

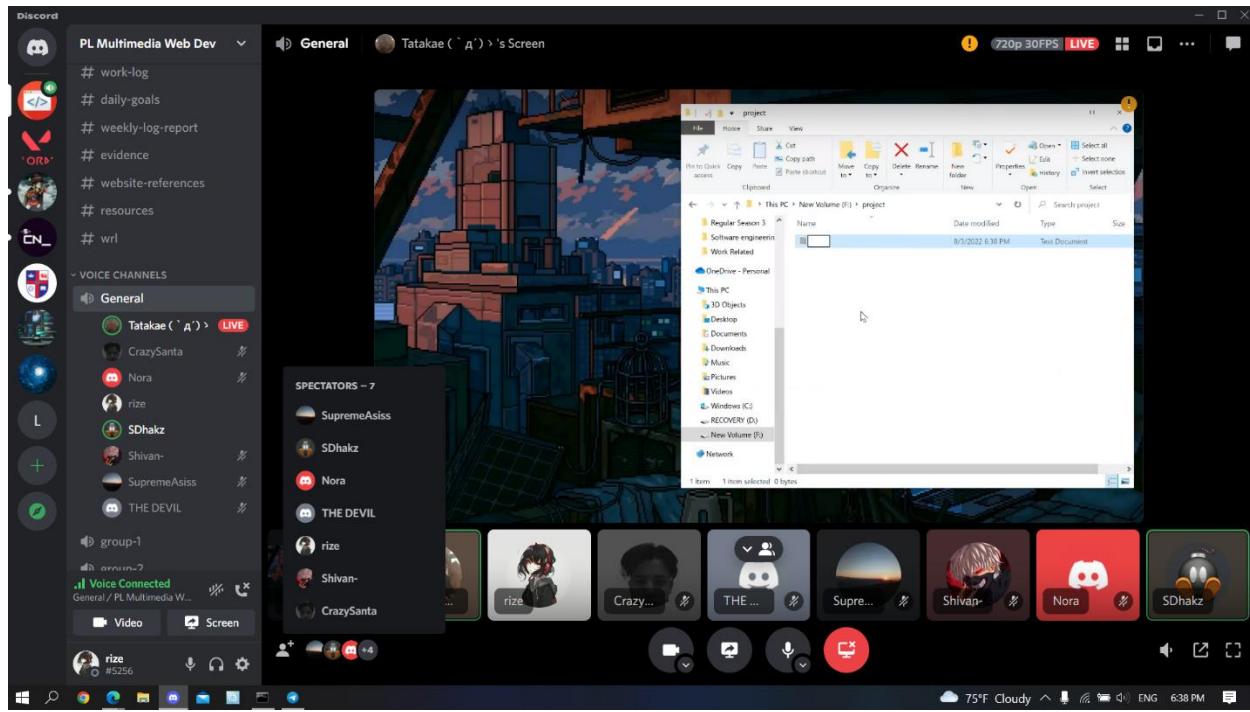


Figure 94: Learning and Teaching Git Commands.

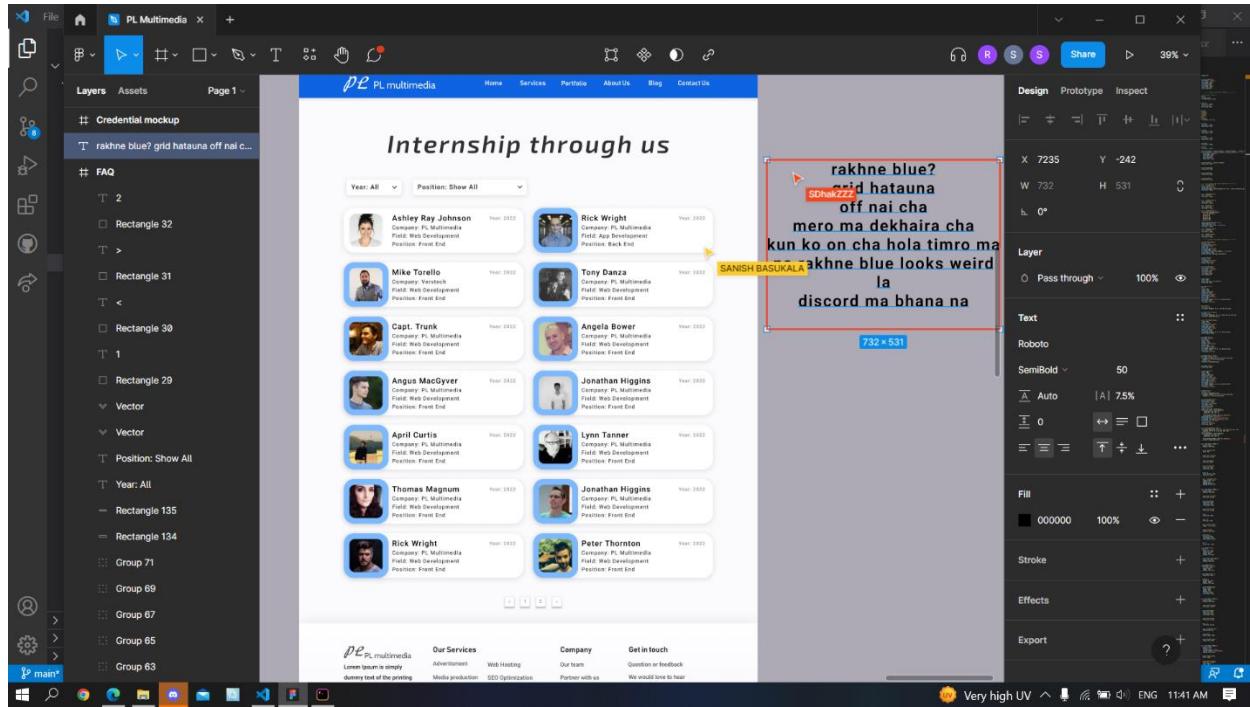


Figure 95: Giving Opinions while Having Fun.

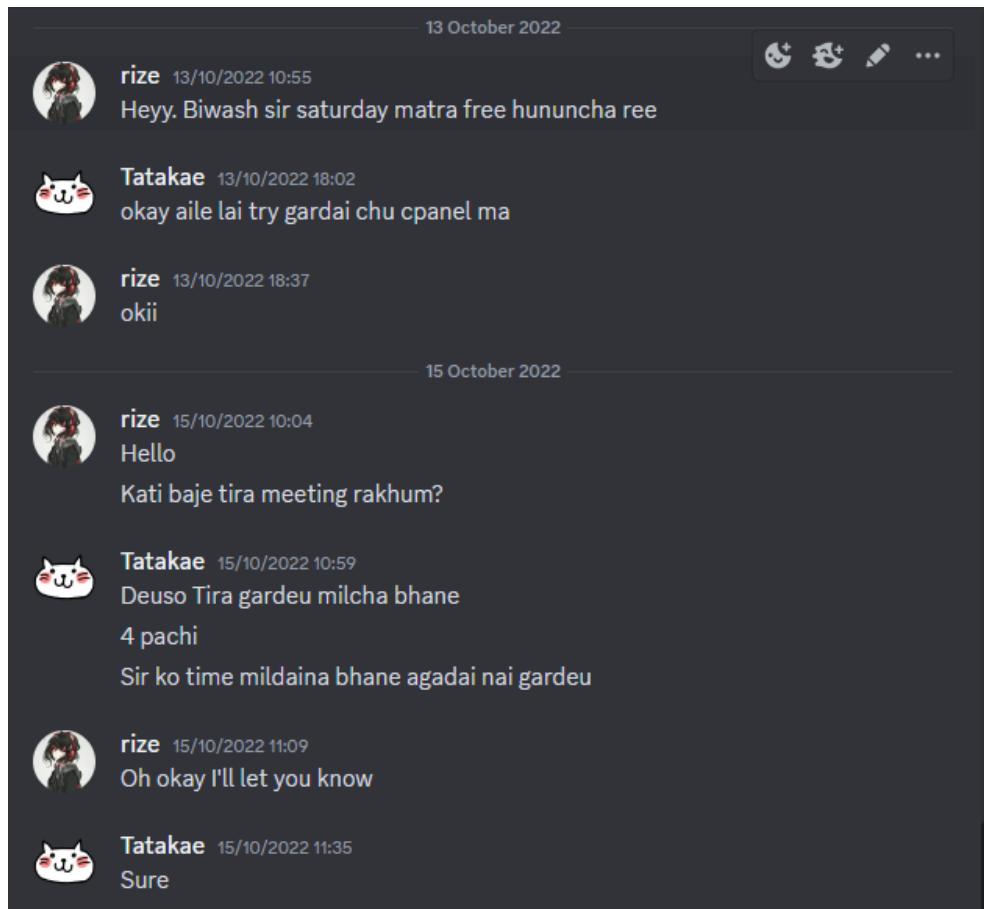


Figure 96: Scheduling Meetings with Teachers for Team Members.

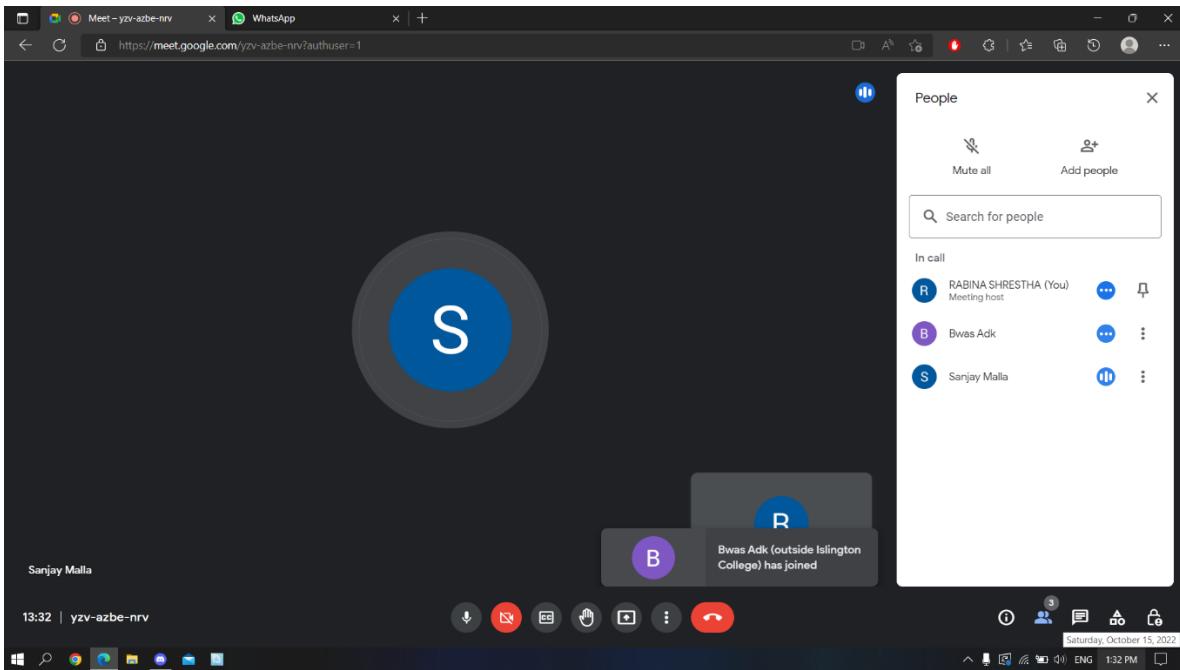


Figure 97: Scheduling Meetings for Team Members to Clear their Doubts.

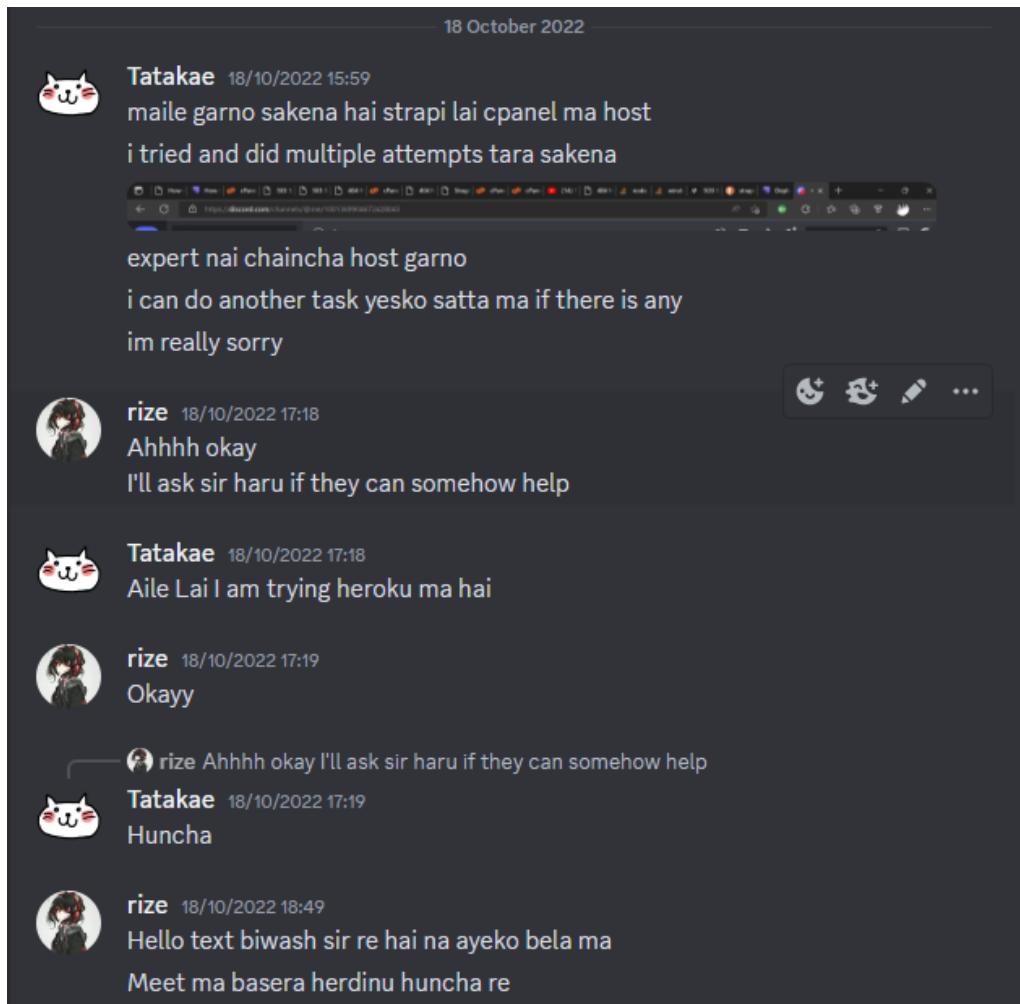


Figure 98: Trying to Help in any way that I can.

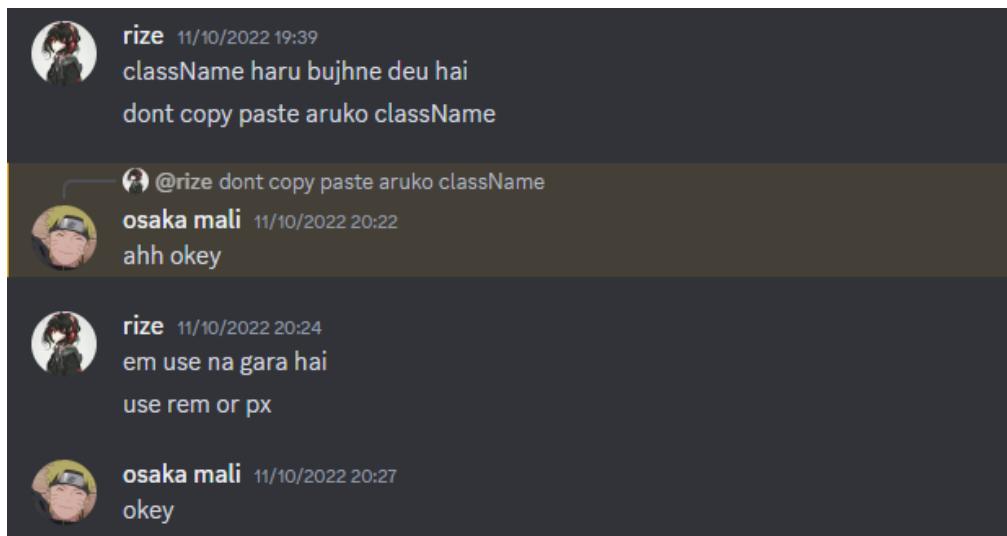


Figure 99: Giving Feedbacks.

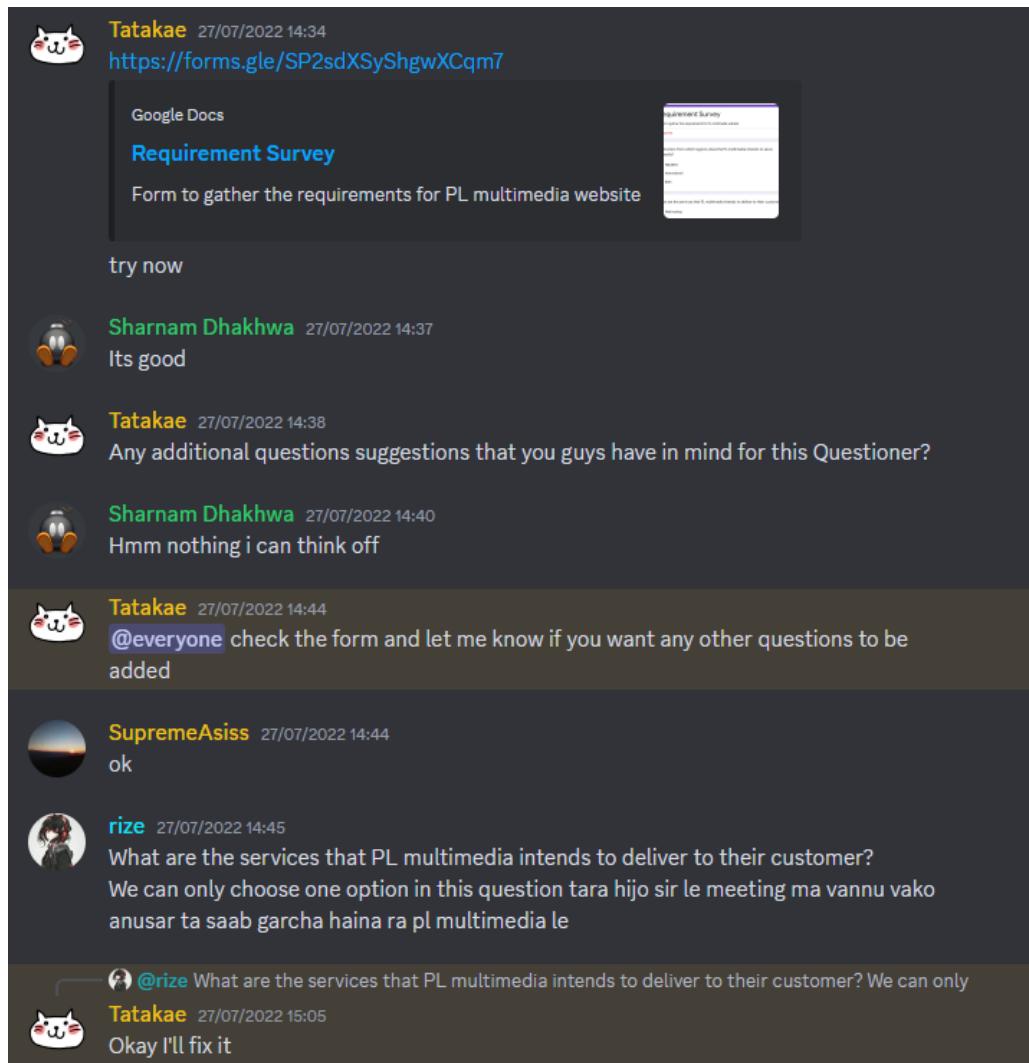


Figure 100: Giving Feedbacks and Opinions.

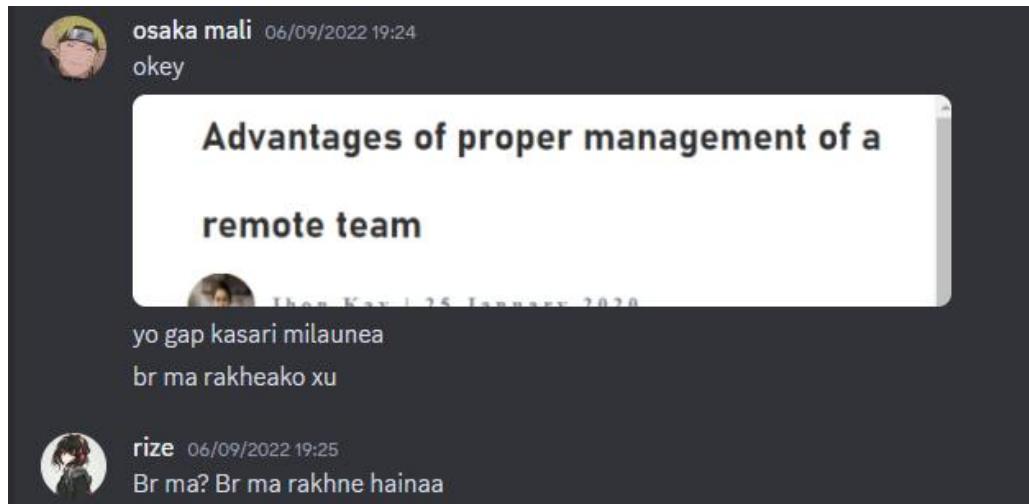


Figure 101: Helping Team Members.



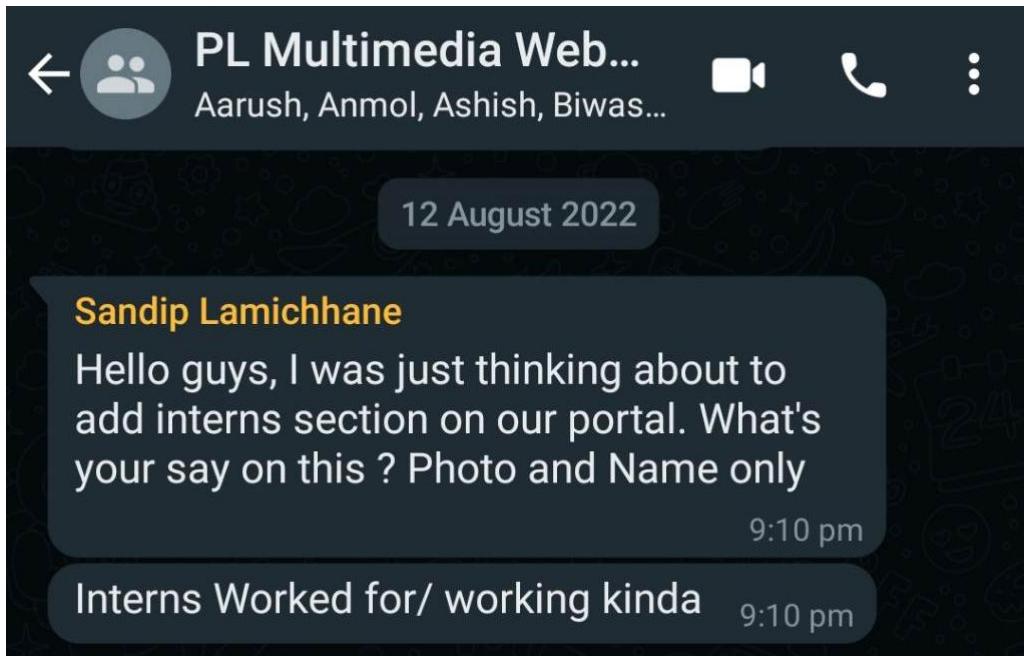
Figure 102: Comparing the Changes with Team Members.



Figure 103: Providing Honest Feedback to the Team Members.

8.5.8. LO8 Evidence

Adaptability Skill



Name	Company	Field	Position	Date
Sharnam Dhakhwa	PLmultimedia	Web Development	Pj Leader Fullstack	2022-07-23
Rabina Shrestha	PLmultimedia	Web Development	Pj Manager Frontend	2022-07-23
Sanish Basukala	PLmultimedia	Web Development	Front End	2022-07-23
Sanjay Malla	PLmultimedia	Web Development	Fullstack	2022-07-23
Sunima Rai	PLmultimedia	Web Development	Backend	2022-07-23
Nischal Subedi	PLmultimedia	Web Development	Backend	2022-07-23
Anmol Godar	PLmultimedia	Multimedia	Graphic Designer	2022-07-23
Shivan Jung Kunwar	PLmultimedia	Web Development	Backend	2022-07-23

Figure 104: Adding Interns Page to the Website.

Working together in college:

<https://drive.google.com/file/d/1TP4LFWaksQkijyWc8jh7cO9vNy2b3zdY/view?usp=sharing>

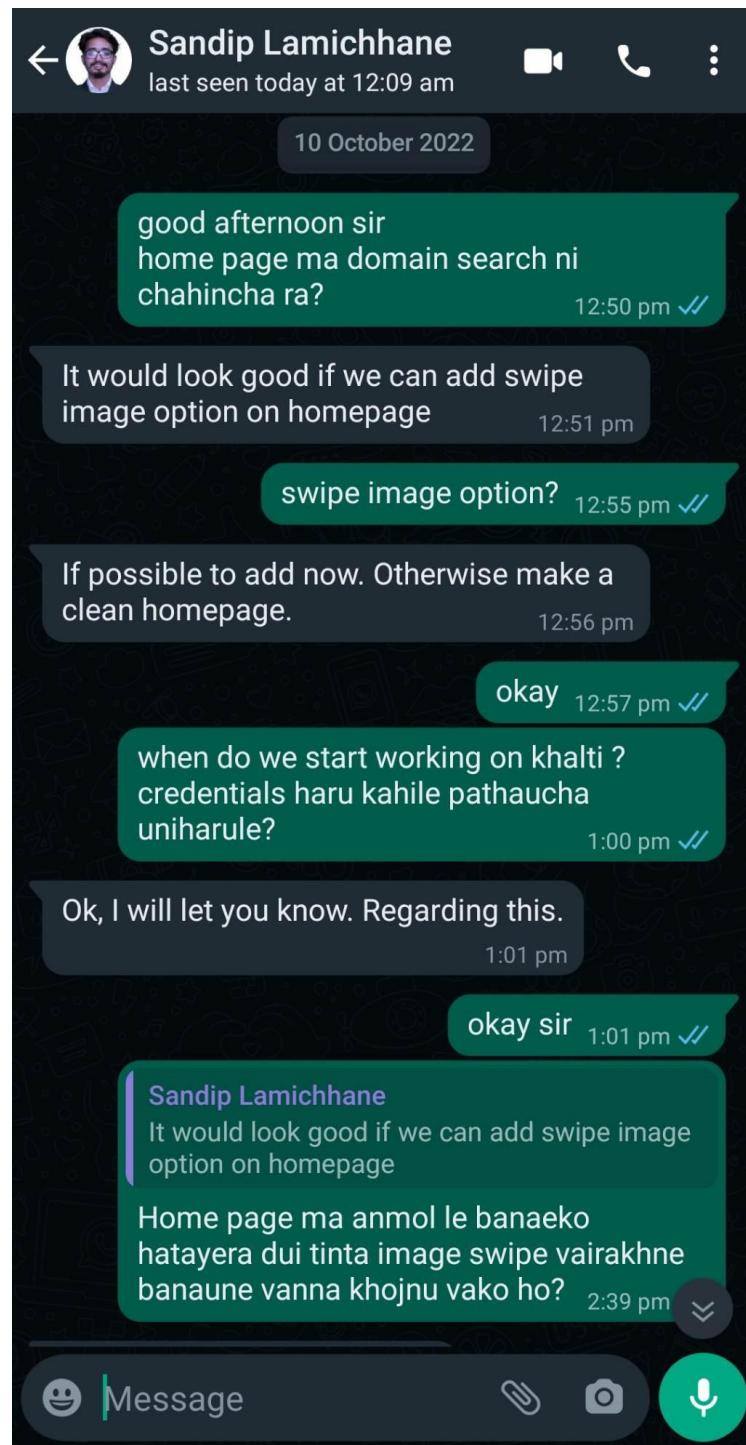


Figure 105: Changing Homepage According to the Client's Taste.

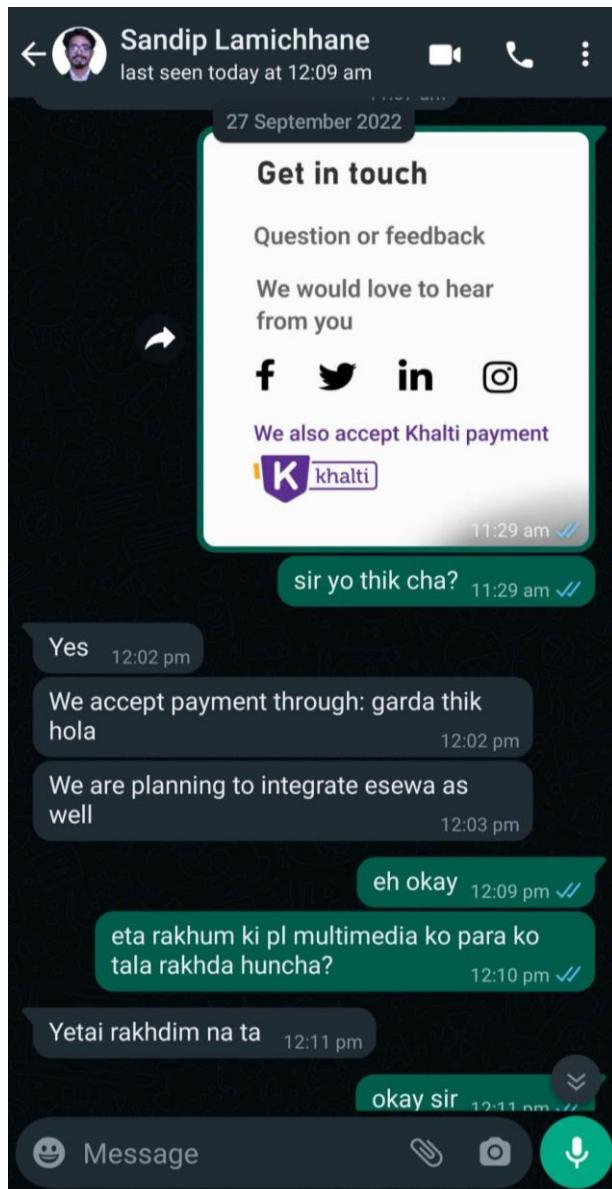
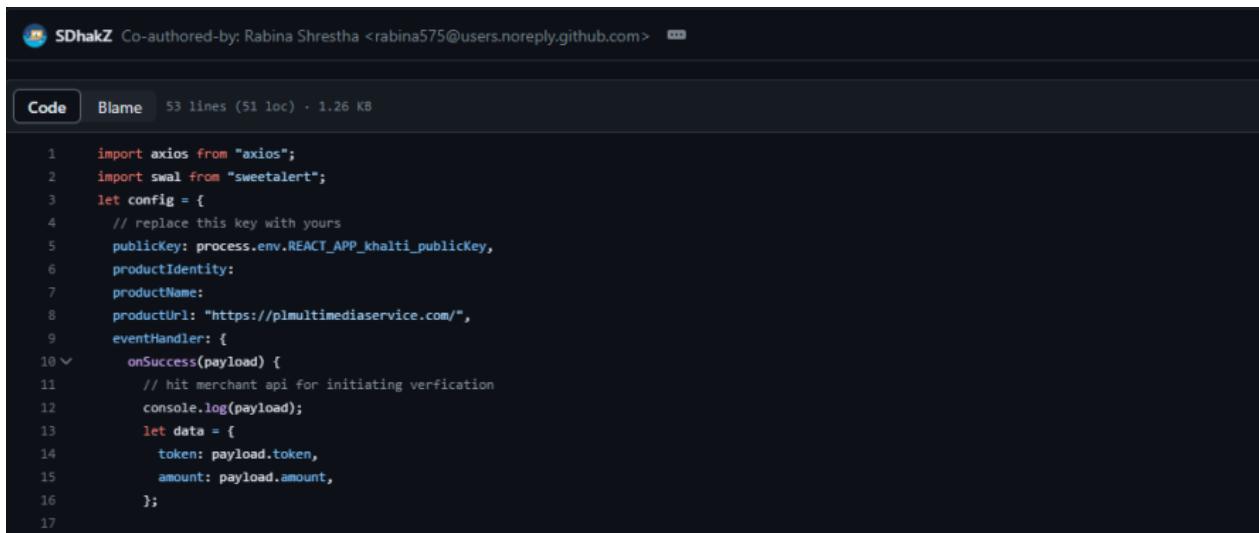


Figure 106: Integrating Khalti.

We also accept payment through:



Figure 107: Adding Esewas as per client's need.

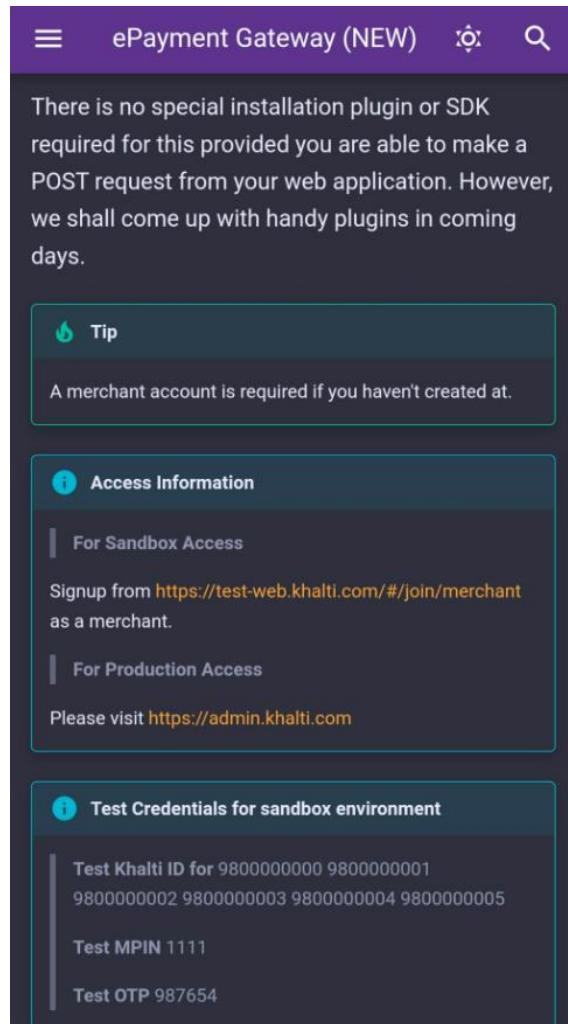


```

1 import axios from "axios";
2 import swal from "sweetalert";
3 let config = {
4   // replace this key with yours
5   publicKey: process.env.REACT_APP_khalti_publicKey,
6   productIdentity:
7   productName:
8   productUrl: "https://plmultimediaservice.com/",
9   eventHandler: {
10     onSuccess(payload) {
11       // hit merchant api for initiating verification
12       console.log(payload);
13       let data = {
14         token: payload.token,
15         amount: payload.amount,
16       };
17     }
18   }
19 }

```

Figure 108: Integrating Khalti.



The screenshot displays the 'ePayment Gateway (NEW)' documentation. At the top, there's a navigation bar with icons for menu, search, and refresh. The main content area has a dark background with white text. It starts with a general note: 'There is no special installation plugin or SDK required for this provided you are able to make a POST request from your web application. However, we shall come up with handy plugins in coming days.' Below this is a 'Tip' section with a green icon: 'A merchant account is required if you haven't created one.' Under 'Access Information', there are two sections: 'For Sandbox Access' (with a note to sign up at <https://test-web.khalti.com/#/join/merchant>) and 'For Production Access' (with a note to visit <https://admin.khalti.com>). The final section, 'Test Credentials for sandbox environment', lists: 'Test Khalti ID for 9800000000 9800000001 9800000002 9800000003 9800000004 9800000005', 'Test MPIN 1111', and 'Test OTP 987654'.

Figure 109: Khalti Documentation.

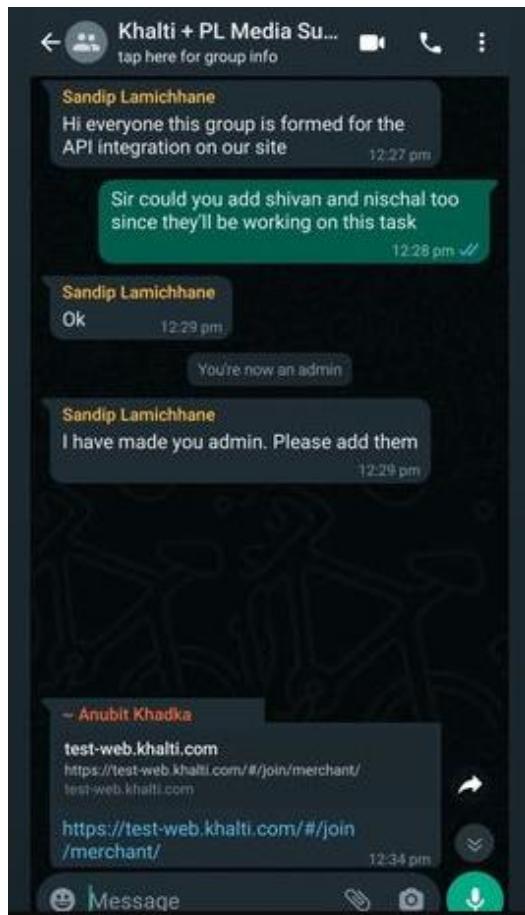


Figure 110: Khalti Group.

The screenshot shows a payment gateway for PL Multimedia Service. It displays a form to enter Khalti mobile number and PIN, with a 'Pay Rs. 100/-' button. The PL Multimedia logo and a brief description of their services are visible at the bottom left.

PL Multimedia
We are a complete Multimedia and IT Service provider agency. We are collaborating with various service providers to meet the requirement of our esteemed clients. We work from digital to outdoor marketing.

Our services

- Advertisement
- Media production
- Web Development
- Mobile App Development
- Web Hosting
- SEO Optimization
- Digital Marketing

Company

- Partner with us
- FAQ
- Our Blogs
- Credentials

Get In Touch

Question or Feedback
We would love to hear suggestions from you

Get In Touch

We also accept payment through:

PL Multimedia

Figure 111: Successfully Integrated Khalti.

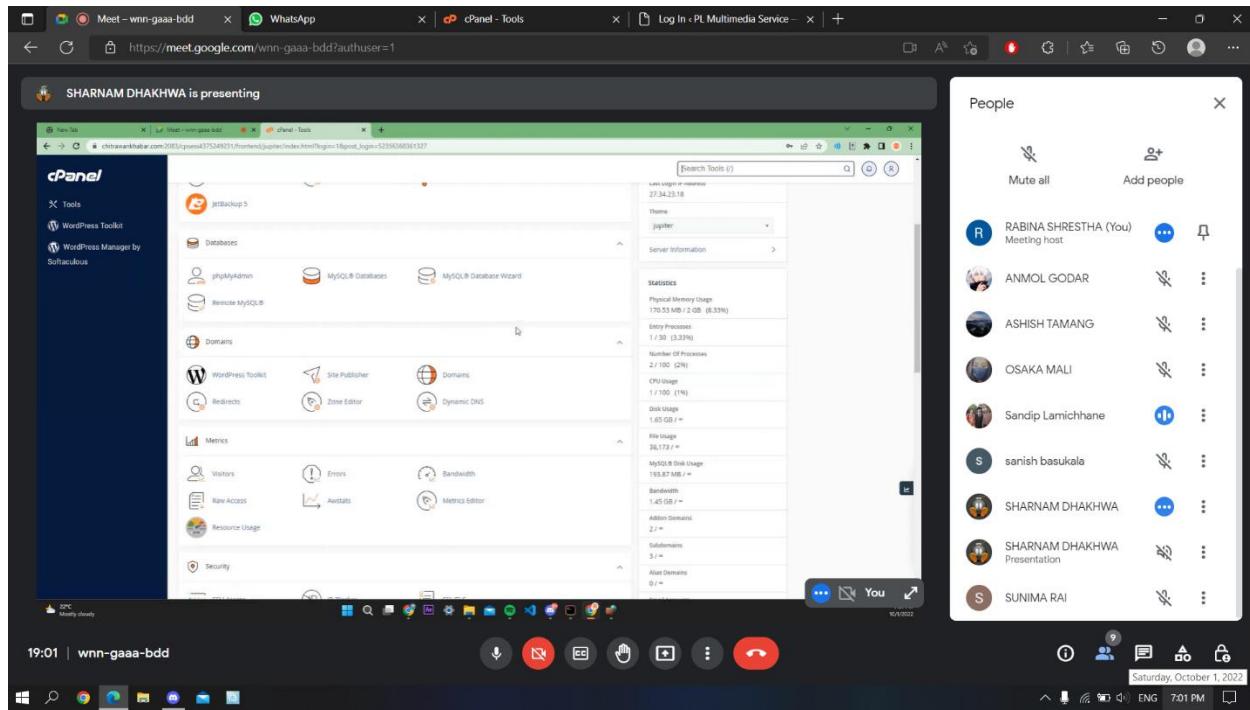


Figure 112: Hosting on CPanel.

```

const parse = require('pg-connection-string').parse;
const config = parse(process.env.DATABASE_URL);
module.exports = ({ env }) => ({
  connection: {
    client: 'postgres',
    connection: {
      host: config.host,
      port: config.port,
      database: config.database,
      user: config.user,
      password: config.password,
      ssl: {
        rejectUnauthorized: false
      },
      debug: false,
    },
  });
}
  
```

Figure 113: Connecting Postgresql.

```

Done in 6.46s.

----> Caching build
- yarn cache

----> Build succeeded!
! Unmet dependencies don't fall into yarn install but may cause runtime issues
  https://github.com/npm/npm/issues/7494
----> Discovering process types
  Procfile declares types      -> (none)
  Default types for buildpack --> web
----> Compressing...
  Done: 140.8M
----> Launching...
  Released v19
  https://pi-multimedia.herokuapp.com/ deployed to Heroku
Starting November 28th, 2022, free Heroku Dynos, free Heroku Postgres, and free Heroku Data for Redis® will no longer be available.
If you have apps using any of these resources, you must upgrade to paid plans by this date to ensure your apps continue to run and to retain your data. For students, we will announce a new program by the end of September. Learn more at https://blog.heroku.com/next-chapter

Build finished

```

Figure 114: Hosting Postgresql in Heroku.

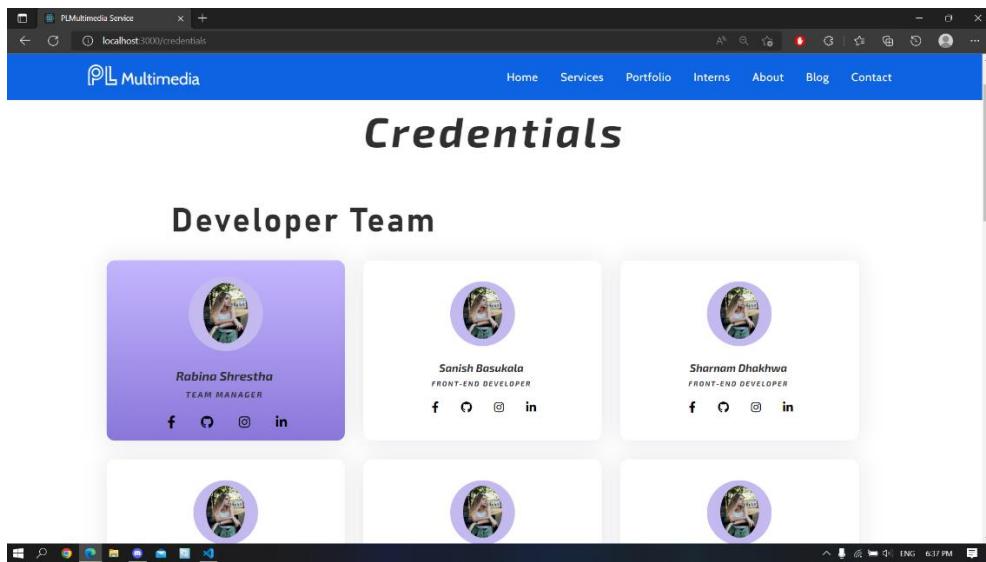


Figure 115: Taking Over Work to Adjust and Complete it within Time.

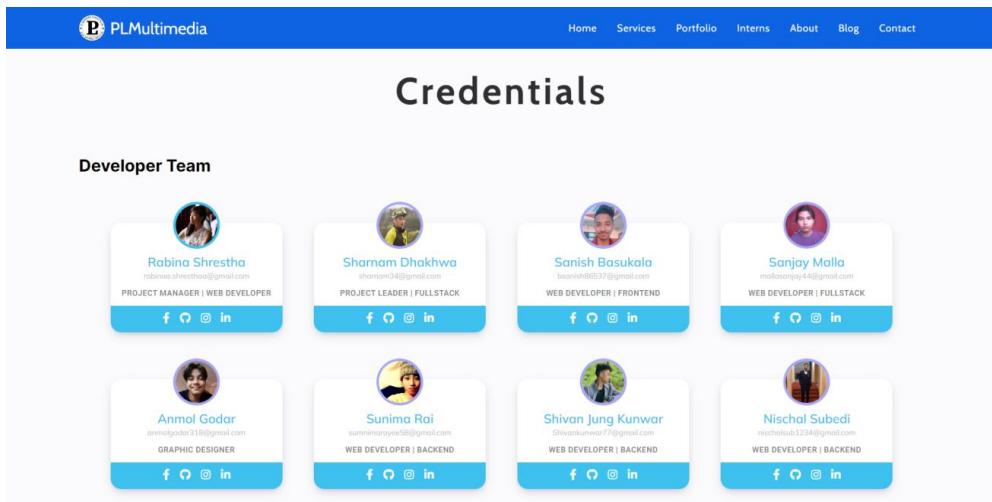


Figure 116: Adjusted Credentials.

8.5.9. LO9 Evidence

Develop Research Skills

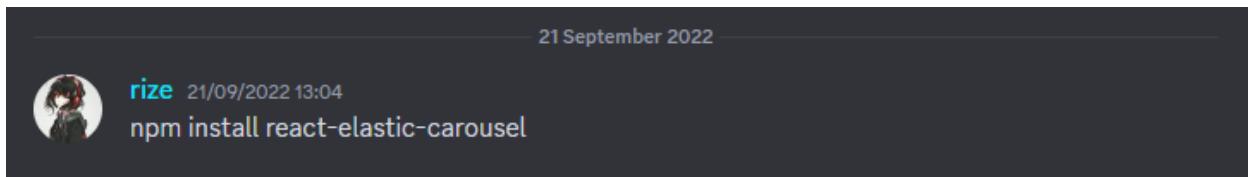


Figure 117: Trying out carousel effect.

rize 28/07/2022 12:29
<https://overflow.io/>

User flows for product and design teams | Overflow
The first user flow diagramming software for design and product teams. Present your design ideas with interactive user flow diagrams and flowcharts.

rize 28/07/2022 12:40
https://www.namecheap.com/domains/domain-name-search/?gclid=Cj0KCQjwxI0XBhCrARIsAL1QFCbtC1X1ulaaNd8mPWhUHhCbzbG-3-9zJOnAj6H3Hoxn1-c688zlUBEaAptAEALw_wcB

Domain Name Search | Free Check Domain Availability Tool - Namecheap
Use our domain checker to find an available website name for your online project, and discover ✓ free products and services that come with every registration.

Figure 118: Research about UI and Domain Search.

rize 15/08/2022 11:25
npm install --save @fortawesome/free-brands-svg-icons

Figure 119: Research for Icons.

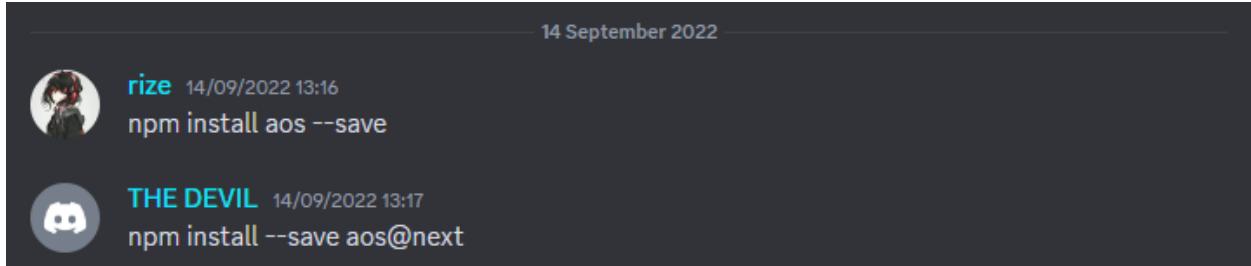


Figure 120: Animation.

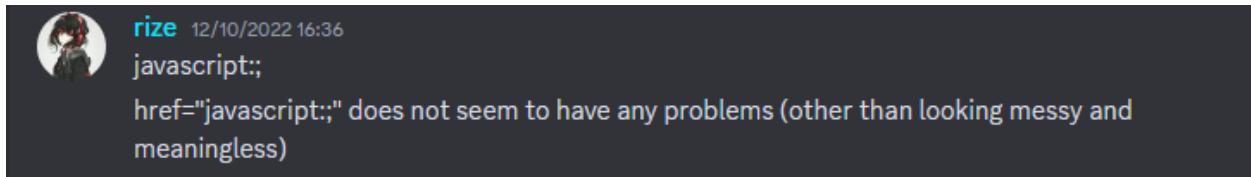


Figure 121: Fixing Console Error.

The screenshot shows the EmailJS website's documentation page for the "Installation" section. The sidebar includes links for "Introduction", "Tutorial", "User Guide", and "SDK". The main content area has a search bar and the title "Installation". It explains how to install the EmailJS SDK using npm and provides code snippets for browser scripts and multi-user access.

Figure 122: Integrating Email.js.

```

1  /* Component for contact page with proper validations */
2  import React, { useRef, useState, useEffect } from "react";
3  import { useLocation } from "react-router-dom";
4  import ContactCSS from "./contact.module.css";
5  import emailjs from "@emailjs/browser";
6  import swal from "sweetalert";
7  import { MainHeading } from "../../components/MainHeading/MainHeading";
8  import { useSpring, animated, easings } from "react-spring";

```

Figure 123: Emailjs.

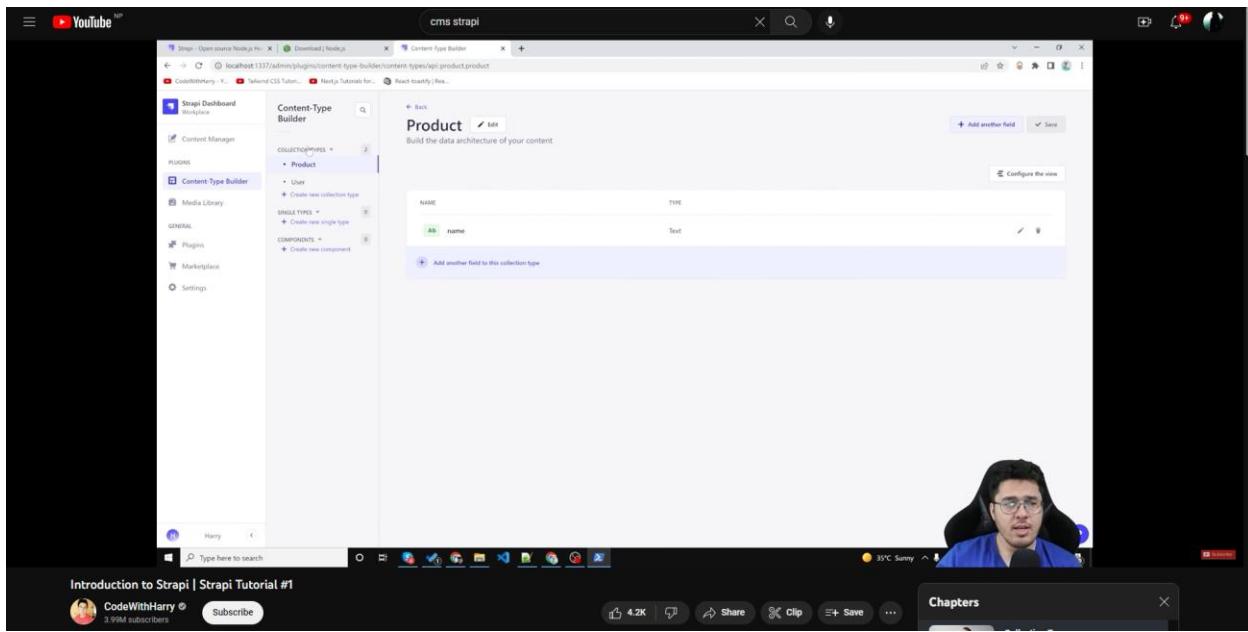


Figure 124: Getting an Idea about Strapi.

The screenshot shows a GitHub Gist titled "SDhakZ" co-authored by Rabina Shrestha. The code is written in JavaScript and defines a configuration object for a payment gateway. The code includes imports for axios and swal, and sets up a config object with a publicKey (REACT_APP_khalti_publicKey), productIdentity, productName, and productUrl. It also defines an eventHandler for onSuccess which logs the payload and creates a data object with token and amount.

```

1 import axios from "axios";
2 import swal from "sweetalert";
3 let config = {
4   // replace this key with yours
5   publicKey: process.env.REACT_APP_khalti_publicKey,
6   productIdentity:
7     productName:
8     productUrl: "https://plmultimediaservice.com/",
9   eventHandler: {
10     onSuccess(payload) {
11       // hit merchant api for initiating verification
12       console.log(payload);
13       let data = {
14         token: payload.token,
15         amount: payload.amount,
16       };
17     }
}

```

Figure 125: Integrating Khalti.

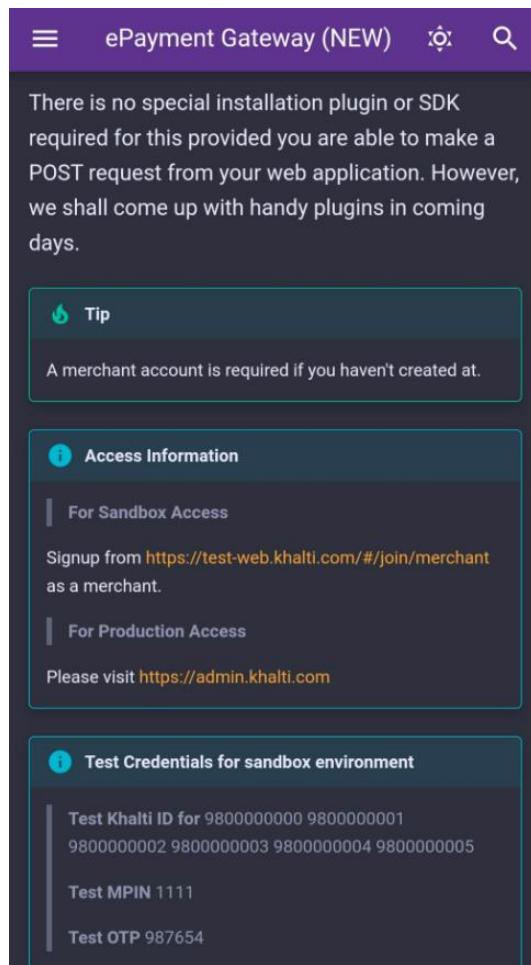
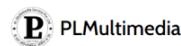
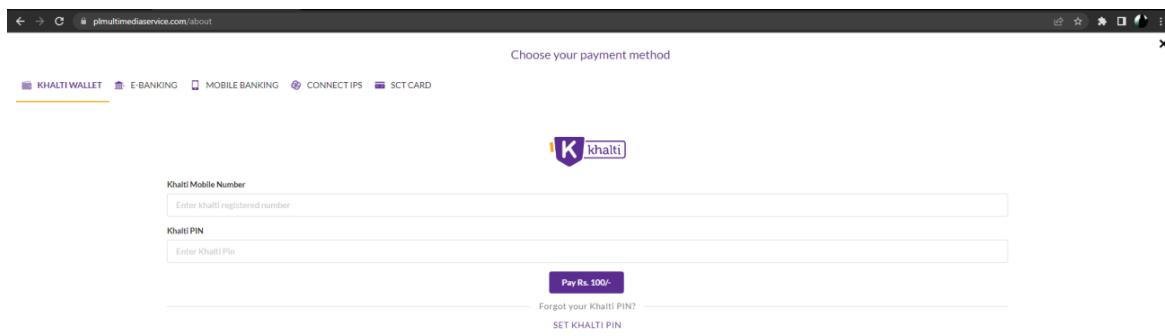


Figure 126: Khalti Documentation.



We are a complete Multimedia and IT Service provider agency. We are collaborating with various service providers to meet the requirement of our esteemed clients. We work from digital to outdoor marketing.

Our services

- Advertisement
- Media production
- Web Development
- Mobile App Development
- Web Hosting
- SEO Optimization
- Digital Marketing

Company

- Partner with us
- FAQ
- Our Blogs
- Credentials

Get In Touch

- Question or Feedback
- We would love to hear suggestions from you
- [Email](#)
- [LinkedIn](#)
- [Facebook](#)
- We also accept payment through:
-

© 2022, PLMultimedia, rights reserved

Figure 127: Successfully Integrated Khalti.

```

const parse = require('pg-connection-string').parse;
const config = parse(process.env.DATABASE_URL);
module.exports = ({ env }) => ({
  connection: {
    client: 'postgres',
    connection: {
      host: config.host,
      port: config.port,
      database: config.database,
      user: config.user,
      password: config.password,
      ssl: {
        rejectUnauthorized: false
      },
    },
    debug: false,
  },
});

```

Figure 128: Connecting Postgresql.

The screenshot shows the Heroku application dashboard for the 'pl-multimedia' app. The top navigation bar includes links for 'Personal', 'GitHub', and 'zukiri/heroku-strapi'. The main navigation bar has tabs for 'Overview', 'Resources', 'Deploy', 'Metrics', 'Activity', 'Access', and 'Settings'. Below the navigation, the 'Activity Feed' and 'Build Log' sections are visible. The 'Build Log' section displays the command-line output of the build process, which includes steps like caching, building, discovering process types, compressing, launching, and releasing v19. A note at the bottom of the log states that starting November 28th, 2022, free Heroku Dynos, free Heroku Postgres, and free Heroku Data for Redis will no longer be available. The log ends with the message 'Build finished'.

Figure 129: Hosting Postgresql in Heroku.

8.5.10. LO10 Evidence

Problem-Solving Skills.

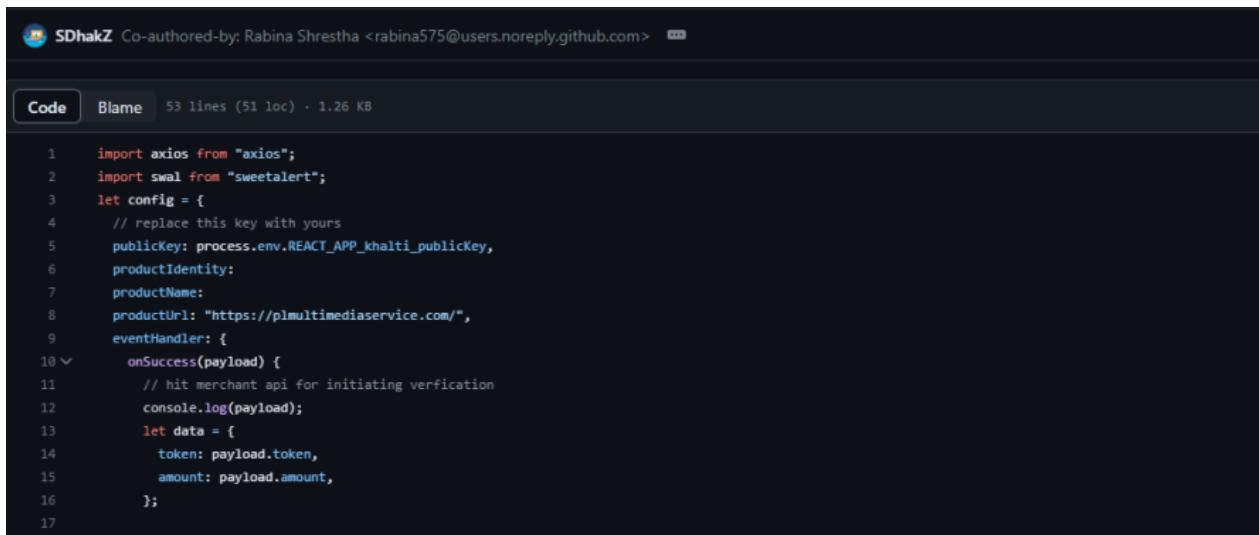
Name	Company	Field	Position	Date
Sharnam Dhakawa	PLmultimedia	Web Development	Prj Leader Fullstack	2022-07-23
Rabina Shrestha	PLmultimedia	Web Development	Prj Manager Frontend	2022-07-23
Sanish Basukala	PLmultimedia	Web Development	Front End	2022-07-23
Sanjay Malla	PLmultimedia	Web Development	Fullstack	2022-07-23
Sunima Rai	PLmultimedia	Web Development	Backend	2022-07-23
Nischal Subedi	PLmultimedia	Web Development	Backend	2022-07-23
Anmol Godar	PLmultimedia	Multimedia	Graphic Designer	2022-07-23
Shivan Jung Kunwar	PLmultimedia	Web Development	Backend	2022-07-23

Figure 130: Adding Interns Page to the Website.

We also accept payment through:



Figure 131: Adding Esewas as per client's need.

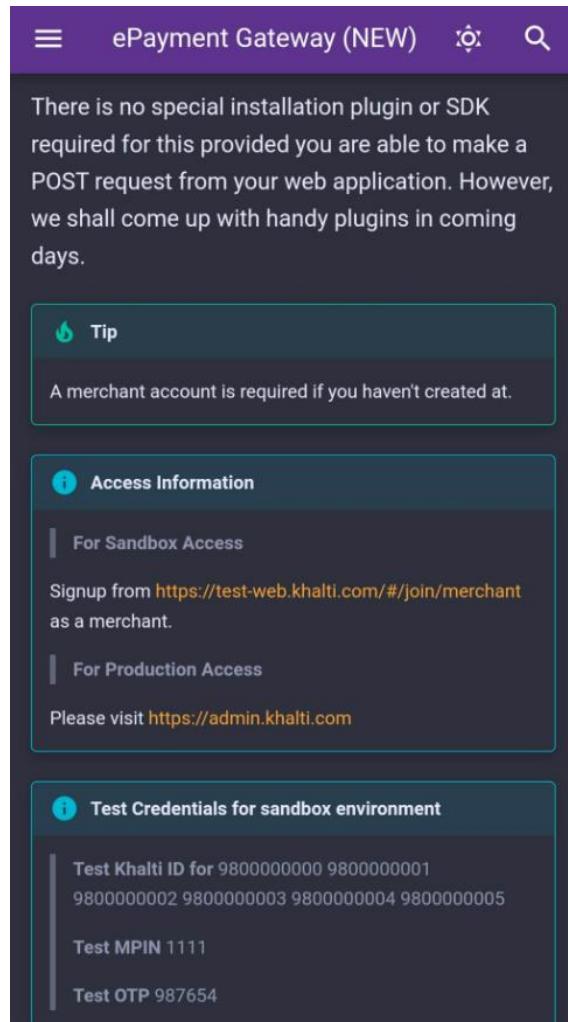


```

1 import axios from "axios";
2 import swal from "sweetalert";
3 let config = {
4   // replace this key with yours
5   publicKey: process.env.REACT_APP_khalti_publicKey,
6   productIdentity:
7   productName:
8   productUrl: "https://plmultimediaservice.com/",
9   eventHandler: {
10     onSuccess(payload) {
11       // hit merchant api for initiating verification
12       console.log(payload);
13       let data = {
14         token: payload.token,
15         amount: payload.amount,
16       };
17     }
18   }
19 }

```

Figure 132: Integrating Khalti.



There is no special installation plugin or SDK required for this provided you are able to make a POST request from your web application. However, we shall come up with handy plugins in coming days.

Tip

A merchant account is required if you haven't created it.

Access Information

- For Sandbox Access
Signup from <https://test-web.khalti.com/#/join/merchant> as a merchant.
- For Production Access
Please visit <https://admin.khalti.com>

Test Credentials for sandbox environment

- Test Khalti ID for 9800000000 9800000001
9800000002 9800000003 9800000004 9800000005
- Test MPIN 1111
- Test OTP 987654

Figure 133: Khalti Documentation.

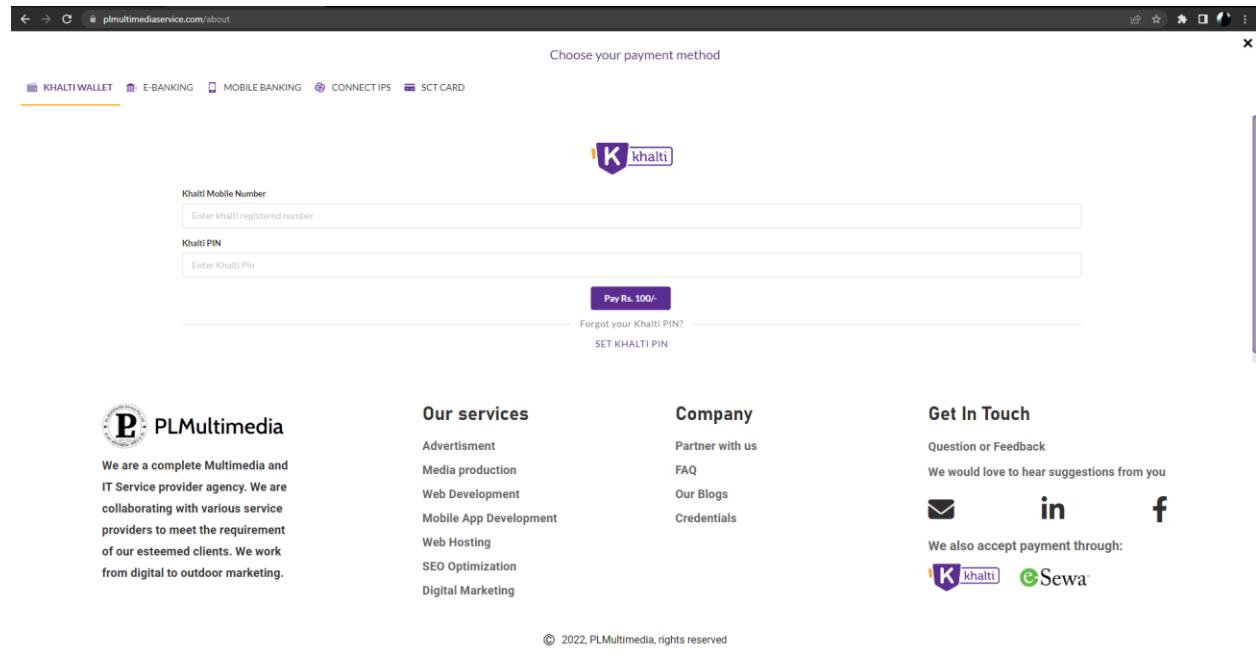


Figure 134: Successfully Integrated Khalti.

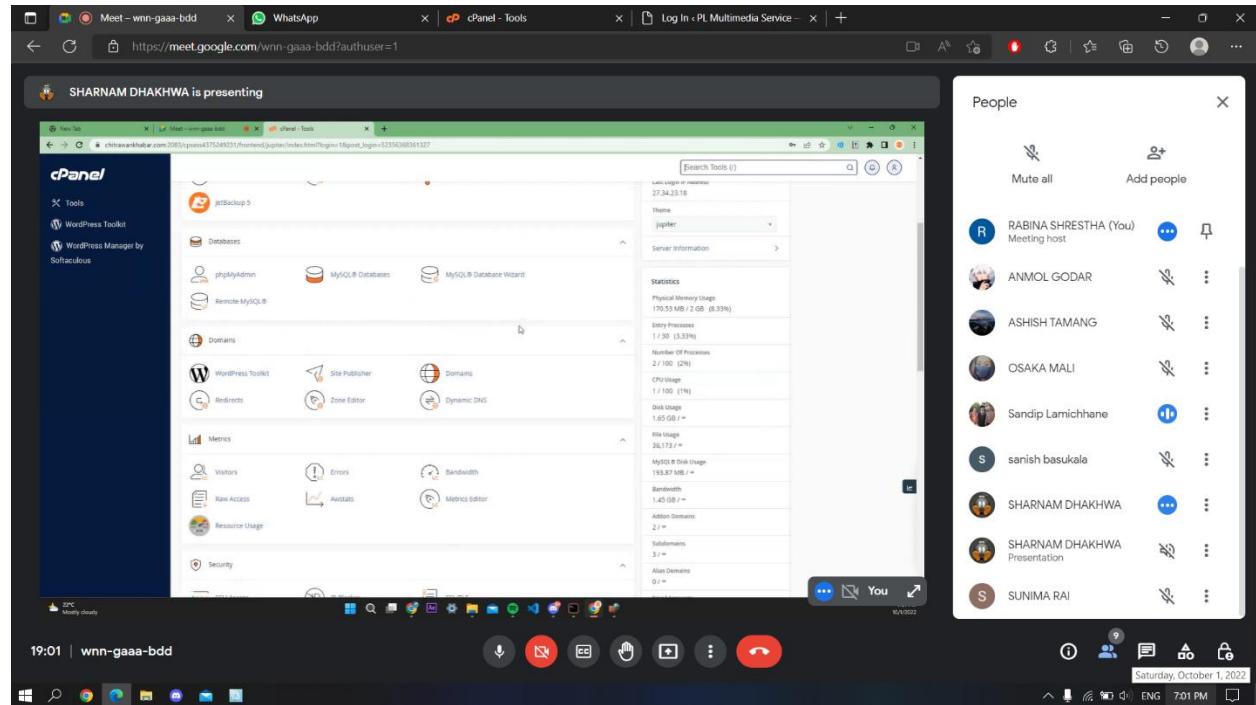


Figure 135: Hosting on CPanel.

```

const parse = require('pg-connection-string').parse;
const config = parse(process.env.DATABASE_URL);
module.exports = ({ env }) => ({
  connection: {
    client: 'postgres',
    connection: {
      host: config.host,
      port: config.port,
      database: config.database,
      user: config.user,
      password: config.password,
      ssl: {
        rejectUnauthorized: false
      },
    },
    debug: false,
  },
});

```

Figure 136: Connecting Postgresql.

The screenshot shows the Heroku dashboard interface. At the top, there's a navigation bar with the Heroku logo, a search bar labeled "Jump to Favorites, Apps, Pipelines, Spaces...", and user account options. Below the navigation is the app's header information: "Personal" (with a dropdown arrow), "pl-multimedia", "GitHub zukiri/heroku-strap", and "main". A "More" button is also present. The main content area has tabs for "Overview", "Resources", "Deploy", "Metrics", "Activity" (which is selected), "Access", and "Settings". Under the "Activity" tab, it says "Activity Feed > Build Log". To the right, there's an ID: "ID 828c1c46-7169-4d0f-be67-0208ff423291". The build log itself shows the deployment process:

```

Done in 6.46s.

----> Caching build
  - yarn cache

----> Build succeeded!
!  Unmet dependencies don't fail yarn install but may cause runtime issues
  https://github.com/npm/npm/issues/7494
----> Discovering process types
  Procfile declares types     -> (none)
  Default types for buildpack -> web
----> Compressing...
  Done: 148.8M
----> Launching...
  Released v19
  https://pl-multimedia.herokuapp.com/ deployed to Heroku
Starting November 28th, 2022, free Heroku Dynos, free Heroku Postgres, and free Heroku Data for Redis® will no longer be available.
If you have apps using any of these resources, you must upgrade to paid plans by this date to ensure your apps continue to run and to retain your data. For students, we will announce a new program by the end of September. Learn more at https://blog.heroku.com/next-chapter

Build finished

```

Figure 137: Hosting Postgresql in Heroku.

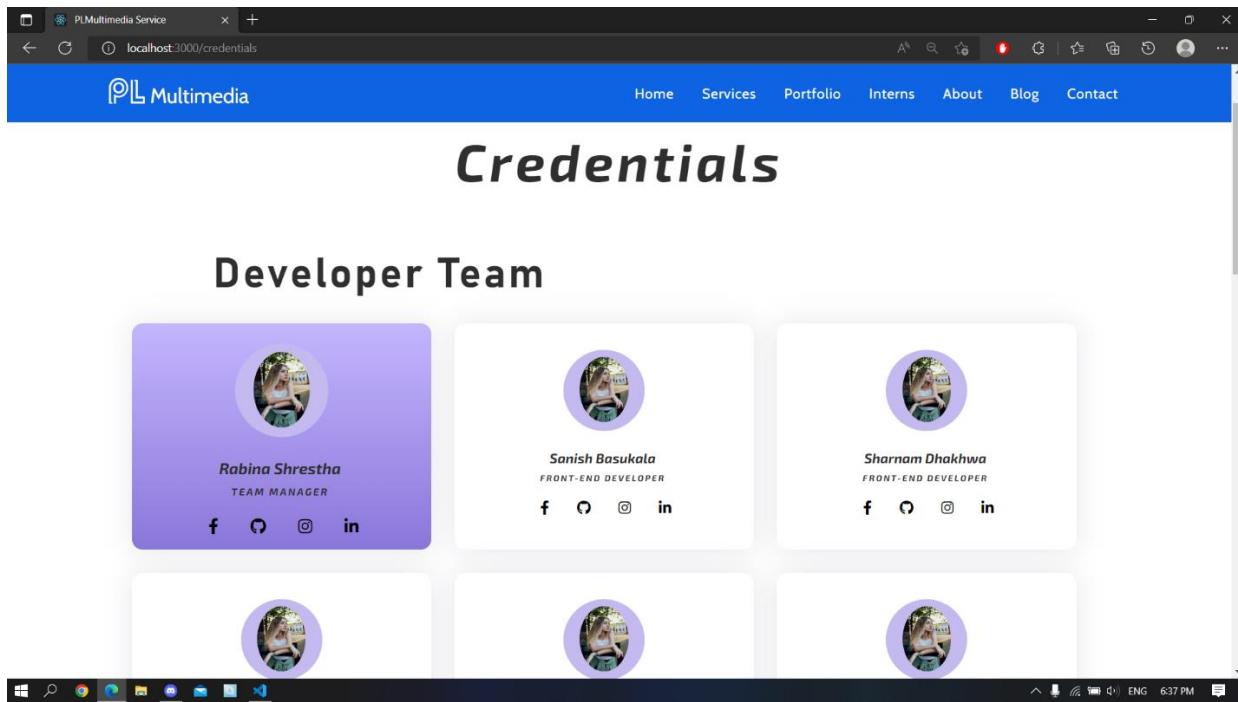


Figure 138: Taking Over Work to Adjust and Complete it within Time.

Figure 139: Adjusted Credentials.

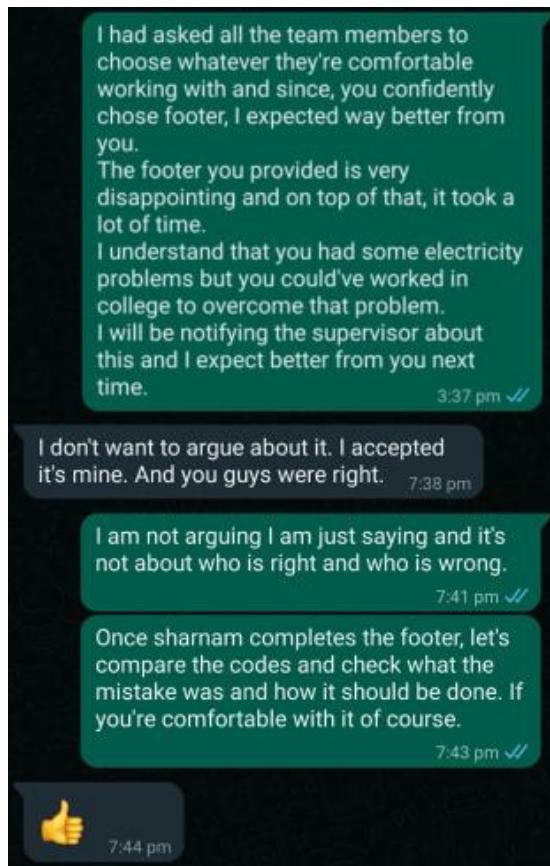


Figure 140: Conflict.

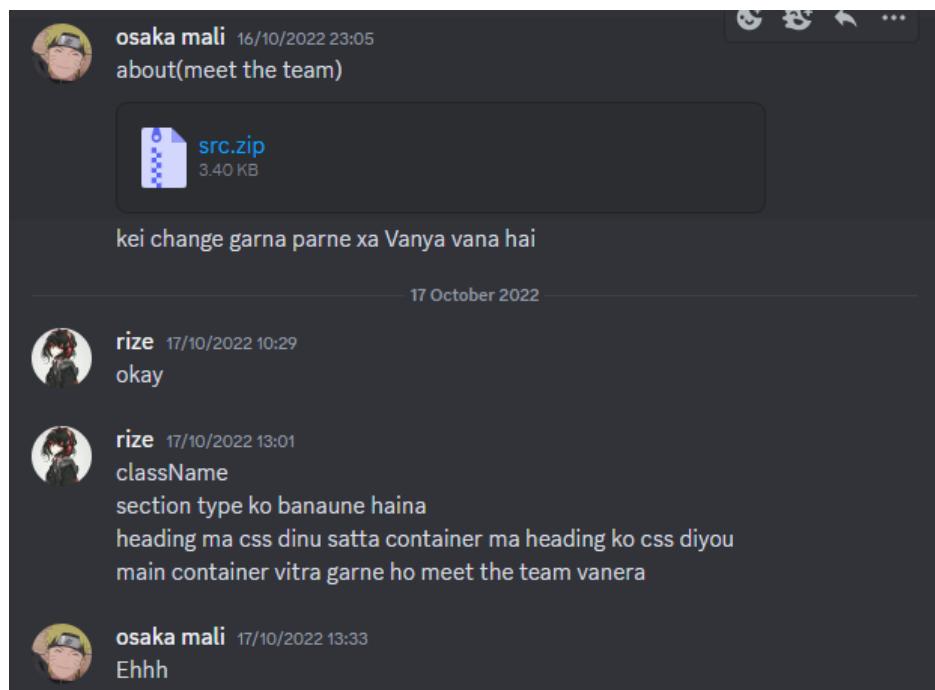


Figure 141: Giving Feedbacks to solve the Coding Problems.

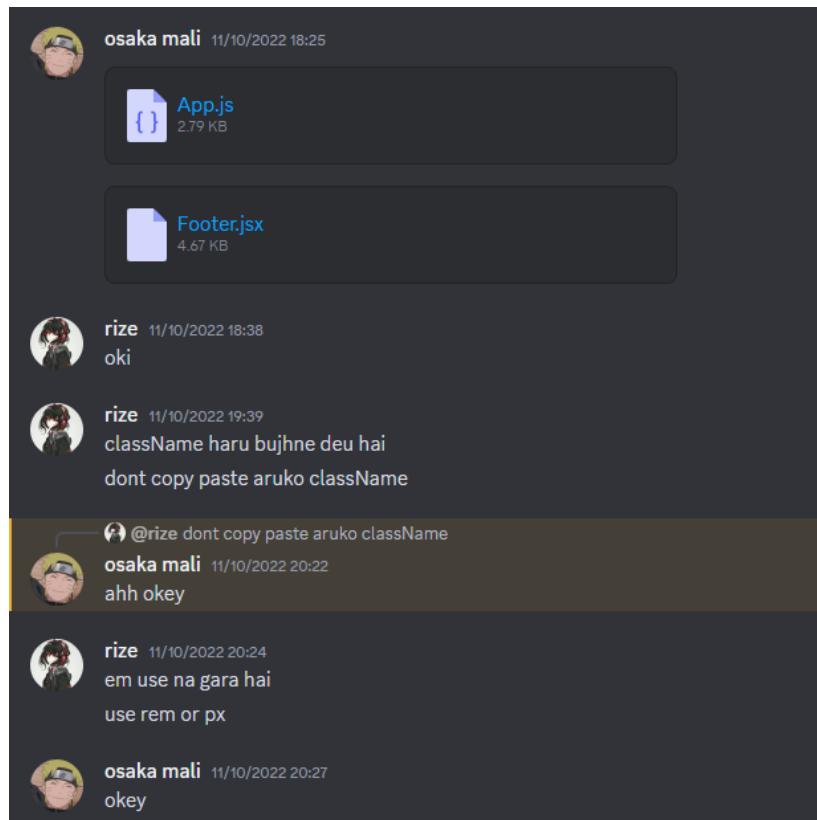


Figure 142: Feedbacks to Solve Coding Formats.



Figure 143: Comparing Codes to Learn.



Figure 144: Scheduling time to Compare Codes and to Help the Team Member on the given task.

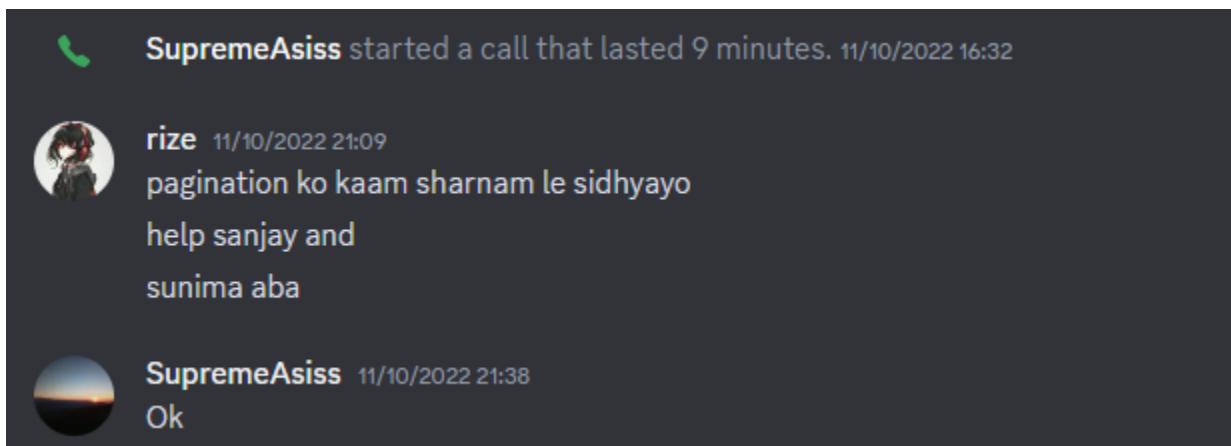


Figure 145: Taking Over Tasks and Assigning Simple Tasks to those having Problems.

Problem Solving with Team:

<https://drive.google.com/file/d/1TP4LFWaksQkijyWc8jh7cO9vNy2b3zdY/view?usp=sharing>

9. Plagiarism Check Report (WRL Report)

RABINA SHRESTHA - Plagiarism Checker

The screenshot shows a plagiarism check report for 'PL Multimedia Service Pvt. Ltd.' The report includes sections on the company's background, structure, and specific details, along with a summary section indicating 'No matches found'.

1.1. Background of the Placement
I was accepted by PL Multimedia Service Remote Internship for both the application development and web development teams for my internship placement, and I ultimately choose to work with the web development team.
PL Multimedia Service is a committed group of IT and multimedia experts operating out of Chitwan, Nepal, and providing web-related services and specialized media. They provide easy-to-use custom-fit goods with a high return on investment for both customers and businesses. They strive to provide clients with a finished, useful product.

Figure 1: PL Multimedia Service Pvt. Ltd.

WEB Link: <https://plmultimediaservice.com>

The business coexists with Chitwan Khabar, Chanauli Bazar Dharmabakari, and Chitwan, Nepal. There was no need to go to the workplace as the internship was remote. The manager would physically meet with us at Islington College whenever he could.

PL Multimedia Service Pvt Ltd. Location: <https://goo.gl/maps/H7Rw4YZz66eXCDx06>

1.2. Structure and Role of the Company
Figure 2: Organizational Structure of the PL Multimedia Service Pvt Ltd.

Given that it only recently began operating in the IT sector in 2021, the company is rather modest. As a work-from-home intern, Mr. Sandip Lamichhane was the only person we spoke to.

1.3. Details of the Specific Dept [Edit](#) [Worked In](#)
We worked under the guidance of Mr. Sandip Lamichhane once our internship with PL Multimedia Service was

Summary
Originality report expires on 24 Jun 2023

No matches found
Passages from this document don't match any web sources

Figure 146: Plagiarism Checker: WRL Report.

5/10/23, 3:06 AM RABINA SHRESTHA - Plagiarism Checker

Originality report

COURSE NAME
Plagiarism Checker

STUDENT NAME
RABINA SHRESTHA

FILE NAME
RABINA SHRESTHA - Plagiarism Checker

REPORT CREATED
10 May 2023

Summary

Flagged passages	0	0%
Cited/quoted passages	0	0%

Figure 147: Originality Report: WRL Report.

10. Plagiarism Check Report (WRL Log)

RABINA SHRESTHA - Plagiarism Checker

The screenshot shows a web-based plagiarism checker interface. On the left, there's a large text area for a 'LEARNING LOG' entry. The entry starts with a heading 'What have I done? (LO4, LO5, LO7, LO8)' followed by a detailed paragraph about the student's work experience. Below this is another section 'What I did well (refer to skills used)' with a paragraph detailing their responsibilities and communication methods. On the right side, there's a 'Summary' panel with a 'No matches found' message, indicating that the document's content does not match any web sources.

Figure 148: Plagiarism Check: WRL Log.

5/10/23, 3:13 AM RABINA SHRESTHA - Plagiarism Checker

Originality report

COURSE NAME

Plagiarism Checker

STUDENT NAME

RABINA SHRESTHA

FILE NAME

RABINA SHRESTHA - Plagiarism Checker

REPORT CREATED

10 May 2023

Summary

Flagged passages	0	0%
Cited/quoted passages	0	0%

Figure 149: Originality Report: WRL Log.