



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

FACULTY OF COMPUTING
UTM Johor Bahru

SEMESTER 1/20242025

**SECR1213-07 NETWORK
COMMUNICATIONS PROJECT :
INDIVIDUAL REPORT 6B**

GROUP : Darksystem

LECTURER: Dr. Nurfazrina binti Mohd Zamry

NAME	MATRIC NO
IZZAT FAKHRULLAH BIN KARIM	A23CS0089

REFLECTION VIDEO 6C: <https://youtu.be/jjy2eoc9TN4>

Group Name : DARK SYSTEM

My contribution to the group and project work

As the leader of the group, I played an important role in guiding the planning and completion of our project tasks while making sure the team worked well together. I was also the one who started the project, setting things in motion. Without my initiative to kick off the project, we wouldn't have been able to begin our work. I always made it a point to support my group members whenever they faced challenges or had questions. Whether it was explaining ideas, offering different solutions, or providing guidance, I made sure everyone had the help they needed to do their job well. By sharing creative ideas and practical suggestions, I helped keep the group focused and overcome any obstacles.

For my part in the project, I suggested a practical floor plan design and shared important information like rubrics and guidelines to help keep the team on track with the project's goals. I led discussions to address any questions and took responsibility for completing the feasibility analysis and preparing the meeting minutes.

In addition to overseeing the project, I suggested the right network devices and made sure tasks were shared fairly among the team. I was in charge of researching cabling, cooling systems, and Cisco devices, while other members focused on selecting models, brands, and calculating the cost of the devices. I also coordinated the creation of the network distribution plan, making sure everyone's input was considered and the work was shared equally. I took the lead in planning the network distribution for the general labs, library, and server rooms.

Finally, I made sure that all our work was well-organized and properly documented in the group report, showing the effort and teamwork that went into the project.

My team members contribution to the group and the project work

1) MOHAMMAD IRFAN DANIAL BIN KEFLI :

Mohammad Irfan Danial Bin Kefli consistently showed a strong commitment to our group project and worked hard to contribute in every way possible. He always aimed to improve, putting in his best effort to complete tasks and ensuring that he supported the team throughout the process. Danial was always ready to help others, creating a positive and cooperative atmosphere within the group.

In terms of his project contributions, Danial played an important role in recommending the necessary equipment for each lab, making sure that everything was well-planned for the project's needs. He actively participated in discussions, sharing his thoughts and helping the team find solutions to the problems we faced.

Danial also took on specific tasks, such as researching hands-on tools and security measures. He carefully looked into different options and shared his findings with the group, ensuring we had the right information to make decisions. He worked closely with the team to research and choose the best models and brands for the network devices, and he helped calculate the total cost once the research was completed.

Additionally, Danial was responsible for planning the network distribution in key areas such as the Video Conferencing Room, Technical Rooms, and Hybrid Classroom. His careful planning and dedication were key to the success of our project, and his contributions were greatly appreciated by the team.

2) THAYAALLAN NAIDU A/L GANESAN :

Thayaallan Naidu A/L Ganesan was a committed and helpful member of our group. He was always ready to assist both me and Danial whenever we needed help, making sure that we worked well together as a team. Thayaallan was an active participant in every group discussion, always sharing his ideas and offering valuable input. His dedication to the project was clear, and he showed full commitment to each task.

Throughout the project, Thayaallan helped us decide on the workflow, making sure we had a clear plan. He also contributed to the decision to use draw.io for planning, which helped the team stay organized. Thayaallan took responsibility for interviewing Dr. Nurfaizrina to gather important information for our project.

Thayaallan was also in charge of researching Wi-Fi and computing devices, making sure we chose the right models and brands for our network. He worked with the team to calculate the total cost of the devices, helping us stay within our budget. His careful review of the budget was important in ensuring we made the right financial decisions.

Finally, Thayaallan was responsible for planning the network distribution in key areas, such as the Cisco Lab, Embedded Lab, Electrical Room, and IT Support Room. Without him, our team would not have been able to complete the project successfully. His attention to detail and careful planning ensured that the network was set up efficiently and met the project's needs. I truly appreciated his hard work, commitment, and the positive attitude he brought throughout the project.

Explain how I work as a group

In the group, I always gave my full commitment and made sure to participate in every discussion. I kept in regular contact with all members, checking on their progress and offering help whenever it was needed. I made sure to clearly explain what needed to be done for each task and provided guidance when things were unclear. My aim was to make sure everyone was on the same page and working together smoothly, offering support whenever necessary to ensure that we stayed focused and completed our tasks successfully.

Explain what I have learned from working as a group

Working in a group has taught me a lot about teamwork and communication. I learned how important it is to listen to everyone's ideas because each person brings something different and valuable. Sharing tasks and helping each other made us work more efficiently and get things done faster. I also learned how to handle different opinions and work through problems as a team. This experience helped me become a better leader, learn how to divide tasks fairly, and understand just how important teamwork is in reaching our goals.

Explain what I have learned from doing the project.

From working on this project, I learned a lot of useful skills. I got hands-on experience with drawing floor plans and figuring out how to design spaces that meet different needs. I also learned more about network devices, including their details and how to choose the right ones for each part of the project. Another important thing I learned was how to divide IP addresses between the devices to make sure everything was connected properly. Overall, this project helped me build new skills that I can use in the future.

My comments and suggestions on the project.

My comments on this project, I think the project was a great learning experience, and everything went well overall. It helped me understand more about network devices and how to plan a network. Working with the team was enjoyable, and I learned a lot from everyone's ideas and input. For my suggestions, I suggest that we have a chance to see how network devices work in real life, maybe through a demonstration in class. It would help us understand better how these devices function. I also think it would be helpful if we could visit a company or place related to our project, either within UTM or outside, to gain more hands-on experience. This would give us a better understanding of how things work in the real world.