



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

Department of
Software Engineering
FSKSM

**UNIVERSITI TEKNOLOGI MALAYSIA SCHOOL OF COMPUTING
SECR1213-09 KOMUNIKASI RANGKAIAN
(NETWORK COMMUNICATION)**

SEMESTER 2022/2023

Task 6b - individual report

Section 09

Lecture name: MOHD. MURTADHA BIN MOHAMAD

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Matric: A21EC4002

MY CONTRIBUTION TO THE GROUP FOR PROJECT WORK

The tasks for finishing this project are evenly assigned to each team member according to our skill and capability by using the team members and responsibilities in the group report. Upon completion of this project, I will have made a meaningful contribution to each task from task 1 through task 5. Regarding assignment 1, I have created the draft for the new building's floor plan that will be considered in the group meeting. Along with accurate measurements, I have also recommended that the new building feature acceptable workspace and rooms that would support the organization's objectives. When it comes to task 2, the next step is to analyze the preliminary analysis, which is crucial for defining the new building's requirements. In this instance, I have contributed to job 2's completion by posing a number of pertinent questions and providing the necessary answers for every inquiry. I participated in every group discussion regarding task 3's selection of the proper LAN and WAN equipment to be employed in the new structure. I've done extensive study and also recommended a few hardware parts. Regarding task 4, I've measured the workspace for the conference room, staff room, and student lounge in particular. While working on task 5, I completed a draft of the IP Addressing Scheme comprehensive report. In order for the other team members to review and fix any mistakes that were made in the report's content, I shared the draft with them. Last but not least, I am also in charge of gathering the work for Tasks 1, 2, 3, 4, and 6A, sharing the tasks in the group chat for the other participants to review and validate the contents.

CONTRIBUTION OF OTHER MEMBERS TO THE GROUP FOR PROJECT WORK

The other team members all performed their tasks for this project effectively. Both participants have joined the group discussions and taken an active part in debating the project's subject matter for each task. When we've done talking about job 1, Daniel is the one who made the floor planning and shared it within the group chat. As for tasks 2, both Marazoq and Philip have contributed by giving appropriate questions and answers for the preliminary analysis. Next, for tasks 3 Daniel & Marazoq have participated in all group discussions over the best devices to be used in building the new building's network. In addition, they have offered a list of devices for each kind of device. For task 4, Daniel & Philip are in charge of completing the measurement of Network Lab and Computer Security Lab while Marazoq is in charge of IoT Lab, General Purpose Lab, telecommunication closet 4 and telecommunication closet 5. For tasks 5, both members have participated well in the group discussion as well as in checking the correct IP Addressing for each work area and router. Daniel & Marazoq also have participated well in completing Task 6 where each of them have significantly done each of the reports

HOW WE WORK AS A GROUP

We had to physically get together for each task in order to conduct the meeting and finish the project's tasks. Thorough discussion is required to ensure that the right content and information are properly given in each report, so each assignment may require more than one meeting. Each meeting's main agenda item is a discussion about the best way to present the material in a way that satisfies the criteria and standards for the report. We also make an effort to

comprehend one another's perspectives so that work on finishing each task goes smoothly and without confusion.

WHAT WE HAVE LEARNED FROM WORKING AS A GROUP

Working in groups has allowed us to gain new skills and knowledge that are essential for students to acquire. Next, effective communication is crucial to making sure the conversation process is productive, easy and easily performed without miscommunication. We need to make an effort to comprehend the situation that each of us may encounter while staying at home because the procedure of finishing this project is primarily conducted online. One could experience problems with their internet connection, among other things. Not only that, but we also discovered how crucial it is for a student to have strong research abilities because they can produce excellent results in locating the accurate and pertinent information to be used in a project and save time wastage. Last but not least, we discovered that developing leadership skills is crucial for anyone who wants to guide a group of people towards completing a task or project with accurate information and material.

WHAT I HAVE LEARNED FROM DOING THE PROJECT

I've successfully gained a lot of new expertise and information from working on the project. First of all, I've come to understand the importance of personal commitment in ensuring that each activity can be finished by the due dates established by the instructor. I have the chance to become familiar with all of the networking tools necessary to create a network in a building. Not only that, but by applying everything I've learned in my Network Communications course project, I get the opportunity to better understand each chapter's topic. Additionally, this project provides me with a platform to develop my graduate-level communication, leadership, and research skills. Thus, I believe that I am somehow more prepared to face the challenges and obstacles in the industry later.

COMMENTS AND SUGGESTION ON THE PROJECT

Although this project has many advantages, from the standpoint of the pupils, it also has certain shortcomings. As students, we may make a few mistakes on each task due to our limited networking experience and expertise. Consequently, even though we did our best to do in-depth research for each task in this project, there will still be a sense of uncertainty for each piece of information supplied in the report.

Task 6c video link :

https://drive.google.com/file/d/1qrAw9_VqBgDr8Ok3rkCcOH7_SobUglb6/view?usp=sharing

My e-portfolio : <https://eportfolio.utm.my/user/maysara-mohamed>