



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

SECR1213 – NETWORK COMMUNICATIONS

Task 6B – Making an Individual Report

**School of Computing
Faculty of Engineering
UNIVERSITI TEKNOLOGI MALAYSIA**

SEMESTER 1 2022/2023

STUDENT NAME
Haris Izudin Bin Hairul Azhar

SECTION 04

Matric Number
A21EC0029

LECTURER
Ms. Rashidah Kadir

DUE DATE
Week 15

Introduction

A brief introduction about myself, my name is Haris Izudin bin Hairul Azhar and my group name is The millionaires.

My contribution to the group and the project work.

The contributions that I made in this group is I am always give my best to complete all the job given to me, initiate the meeting session, and give a bunch of ideas to make this project successful. In task 1, I gave an idea on how to make the arrangement of the suggested floor plan. In task 2, I create some question to be ask to the user during the interview regarding IOT lab, and I also wrote the explanation of feasibility of this project such as ability to support features such as Quality of Service and security in hardware via access control lists (ACLs) and to enable secure VPN connections from remote locations. In task 3, The contribution that I made is to choose the cable that are being use for our project. In task 4, I completed the task to identify the work areas and made a table for cable length. In task 5, I able to help other members to do a subnetting. Lastly, in task 6, my job is to help to complete the report.

Other members contribution to the group and the project work.

The millionaires consist of Ahmed Shukur Bin Jalaludin, Muhammad Qayyim Bin Khamarudin, Rasidin Bin Hatta, and me, Haris Izudin Bin Hairul Azhar. The first member, Ahmed shukur always lead our team to complete the work and always have brilliant idea. The contribution that he made such as make a floor plan, make a question about network lab, do a research on wireless access point and server, make network device arrangement, do subnetting, and help to completing the full report. The next member is Muhammad Qayyim, he is the person who always initiate to do a meeting besides me and always remind us to complete the work. The contribution that he made in this project are give idea on how we should design floor plan, make some question to be asked during the interview, do research on modem, make budget estimation, calculate the cable length, help to do a subnetting, and help to complete the full report. The third member of this group is Rasidin. He is very helpful in many ways because the has a lot of knowledge about networking and always share his knowledge during the meeting. The contribution that he made are give the idea to on how to do the floor plan, make a question for the interview and wrote the feasibility of the project, do a research on modem, switch, and budget estimation, calculate cable length, help to do subnetting, and help to complete the full report.

The way I work as a group.

I always able to complete the job on time so that we one that compile the task can submit it on time. I also aware that tolerance is a must in a group, so when we have a meeting and there is a topic that we need to discuss, I always ready to hear their opinion and able to cooperate with the best answer.

The thing that I have learned from working as a group.

The most important thing that I learned from working as a group is communication is the key to solve any problem. It is because to work with many people that have different ways to solve the problem, the communication is a must to make our idea can be accepted from all of the members. Other than that, I also learned that we must be responsible with our job so that our project can be done on time.

The thing that I have learned from doing the project.

From this project, I able to draw the floor plan, know the detail of every device of network such as router, modem, and server. In addition, I also learned how to manage the budget given to complete this project because the price for every device of network is expensive and need a proper planning to make sure that the price of each device are within the budget. I also learned how to do a subnetting and that is very useful for me that enrolled in network and security course.

Comments and suggestions on the project.

In my point of view, this project give us a lot of knowledge on how to make a network in a building. It is very interesting and need a lot of soft skills that be implemented such as adaptability, communication, and creative thinking since it involved a lot to work in a group. The suggestion that I can think of is to make the students feel the real situation where they can actually think that they are now a network consultants by providing them a real network consultant that will guide them during the project.

Individual Video Link: <https://youtu.be/0WaqBiyDk6I>