



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

FACULTY OF COMPUTING SECR1213-06

TASK 6A:

NETWORK DESIGN FOR SCHOOL OF COMPUTING BLOCK N28B

Course Code: SECR1213

Section: 06

Lecturer: Assoc. Prof. Dr. Mohd Murtadha bin Mohamad

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Group Members: (9) NASDAQ

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Contributions

For Task 1, I took a part by designing the network lab's and one video conferencing room's floor plan. Since the building have two floors, Nazran and I are both decided to agree to plan both conferencing room as the exact same while on top of each other since they both serve the same purpose. Next, for Task 2, We as a group came up our own questions on our own which include my own (Q9, Q10). I thought about what would a basic network needs in terms of Software as a Service (SaaS). I also was given the task to understand and do the feasibility study on our project. Then, for Task 3, I gathered lots of important devices by researching through the internet while comparing their quality and prices between brands. As a continuing from task 2, I decided to not include most of standard software I planned to before because of our limited budget. Meanwhile for Task 4, I contributed by determining on how much patch cords and switch ports our group needs. I also identify the types of cable, and their length used in our project. For Task 5, I recheck the IP Addresses given to ensure that there is no devices that have the same IP Address or any conflicts of addresses. Finally, for Task 6, I wrote the introduction and the background of the project according to the project requirements and some reflections of the task.

Working as a group

Our group have contributed so much of our time and energy into this project. The way my team and I work as a group is by dividing and assigning parts of the tasks to each of the members. Even so, I managed to communicate and keep each other in touch with how each one of us wants to proceed with the project while on-going. By maximizing our workforce, we managed to complete the project within time given.

Learnt from working as a group

I learnt the importance of communicating with each other in order to gain a consensus on how we want to proceed with our project. I also learnt that when handling a project in a group, understanding and helping with others work is as much as important to your own work to avoid conflicts and reach the goal of the project much smoother.

Learnt from the project

I learnt that sometimes our final product will not always be the same as the one we originally planned. I learnt that there will always going to be some improvements and questions to be asked in order to understand the project better. I also learnt that IP Addressing is an important work to ensure that every device can connect to the network without any conflict of addresses.

Comments

The project of this course has given me much of knowledges and experience that I cannot wait to be able to implement everything that I have learnt in the real world sooner.