Individual Report on Project Work

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SEC: 16
Matric: A23MJ4019
Group Name: A&C

My Contribution to the Project

As a key member of Team A&C, I actively participated in all phases of the project, ensuring that our goals were achieved efficiently and effectively. Below is a detailed summary of my contributions:

Task 1: Designing the Level 2 Floor Plan

Task 2: Feasibility Assessment ：I was responsible for assessing the overall feasibility of the project by analysing the budget of RM1.3 million.

Task 3: Optimized equipment and functionality for better performance and user experience.

Task 4: Mapped connections and created detailed topology diagrams to visualize network architecture and guide implementation.

Task 5: Answer Finalization and Table Optimization

Our team showed great collaboration throughout the project. Here are the main contributions of my teammates:

Kahlan Sultan Mohammed collaborated on designing Level 1 floor plans, solving project questions, managing budgets, and calculating cable connections with the team.

Liu Ruoyang collaborated in designing the first floor plan, led problem design, recommended equipment, drew cable layout diagrams, and actively participated in project discussions.

Abdulrahman Siad collaborated on designing the Level 2 floor plan, solving project questions, managing budgets, and calculating cable lengths to finalize network connections with the team.

How We Worked as a Group：

Our team operated in a structured and efficient manner. Tasks were clearly distributed:

Liu initiated the framework design, which was then handed over to me for further refinement. And kahlan took responsibility for completing and reviewing the work, and Abdulrahman finalized the project by polishing and ensuring its completion.

What I Learned from Working as a Group：

I learned the importance of teamwork, communication, and task delegation in achieving complex goals. Leveraging team strengths minimized errors, ensured quality, and highlighted the value of planning and collaboration for success.

What I Learned from the Project：

1．**Floor Plan Design:** Designing functional and aesthetic layouts for efficient equipment placement.

2．**Feasibility Assessment:** Analyzing budgets and ensuring cost-effective resource allocation.

3．**Network Equipment Selection:** Choosing and configuring routers, switches, and other essential devices.

4．**Device Optimization:** Enhancing user experience through effective device configuration and improvements.

5．**Network Mapping:** Identifying cable connections and creating topology diagrams.

6．**Problem-Solving:** Researching and addressing project-related questions collaboratively.

7．**Table Optimization:** Adjusting tables to reflect updated project details.

Comments and suggestions

The project gives complete requirements, which can be prepared for the next project in advance, which is very helpful to improve efficiency. For future projects, please consider the clear requirements of the project and give a sample as a reference to further improve efficiency.