Individual Report on Project Work

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SEC: 16

Matric: A23MJ4022

Group Name: A&C

My Contribution in this project went through 5 phases:

In Task 1: I worked with Kahlan to design the floor plan for Level 1. We made sure it was clear and functional for the project. **In Task 2:** I designed the questions for the task. This involved thinking through what information we needed and how to present it. **In Task 3:** I suggested equipment, such as routers, printers, and video conferencing displays, that suited the needs of different areas like the Cisco and IoT labs. I also helped configure PCs with the team to meet customer needs and improve the conference room and lounge. **In Task 4:** I joined the group to identify wire connections and equipment setup. I also drew the cable layout on the floor plan, ensuring accuracy. **In Task 5:** I discussed the answers with the group and helped adjust the table based on the changes in questions.

Team Members' Contributions

Our team worked very well together, and each member played a crucial role in completing the project:

Kahlan Sultan Mohammed: **In Task 1:** He designed the floor plan for Level 1 with me. **In Task 2:** He researched and answered the questions with Abdul. **In Task 3:** He managed the budget for the IoT, Cisco, and general labs with Abdul and helped configure PCs and improve the conference room and lounge. **In Task 4:** He worked with the group to identify wire connections and calculated wire lengths with Abdul. **In Task 5:** He reviewed table changes with the group based on the questions.

Bu Guoshun: **In Task 1:** He worked with Abdul to design the floor plan for Level 2. **In Task 2:** He ensured the project's feasibility within our RM 1.3M budget. **In Task 3:** He focused on routers and switches for system interactivity and helped configure PCs and improve spaces like the lounge. **In Task 4:** He identified wire connections and

created topology diagrams. **In Task 5:** He finalized answers and table modifications with the group.

Abdulrahman Siad: **In Task 1:** He designed the floor plan for Level 2 with Bu. **In Task 2:** He researched and answered questions with Kahlan. **In Task 3:** He handled the budget for labs and helped configure PCs and enhance the lounge and conference room with the team. **In Task 4:** He worked on wire connections and calculated lengths with Kahlan. **In Task 5:** He collaborated with the group to finalize answers and update the table.

How We Worked as a Group

Our teamwork was effective because we divided tasks clearly. I started the framework design and passed it to Bu Guoshun for further work. Kahlan reviewed and improved the tasks, and Abdul finalized the project. We communicated well and ensured that everyone's input was valued.

The Outcomes from Working as a Group

By working together, we completed a detailed project that would have been hard to manage alone. Group collaboration reduced errors and improved the quality of the work. This experience taught me the importance of dividing tasks and supporting each other.

What I Learned from the Project

Through this project, I gained skills in:

- Creating clear and practical floor plans.
- Structuring and designing effective questions.
- Researching and selecting suitable equipment for specific needs.
- Allocating budgets by comparing prices.
- Drawing cable layouts accurately.
- Assigning IP addresses effectively.

Comments and Suggestions

For future projects, having a floor plan template would save time. As beginners, we spent too long learning how to design floor plans. Clear reference materials would help students focus on completing tasks efficiently rather than figuring out the basics.