

## Appendix: Consultation

### Initial Consultation with the Client Transcript:

Me: Good evening, Mr. V, I am an IBDP student. As a part of my computer science course, I am looking to identify a problem and build a technical solution for it. I was wondering whether your company has any roadblocks or inefficiencies which I could offer to solve?

Mr. V: Good evening! We are a healthcare start-up company and thus far, we have not had any roadblocks per say. But I can see that as we are growing, managing Human Resources is becoming increasingly difficult with a simple Excel spreadsheet. Is there any way you could simplify this for me?

Me: Absolutely, I would love to work on this project. To get a clearer understanding of your requirements, could you please outline the features you'd need?

Mr. V: So, I need a computer application in which I can enter my employees' details, edit them and delete them as per my convenience. I would prefer it if the Internet is not required to carry out these operations. I also need these details to be protected for privacy reasons so it would be great if you could require a password for entry.

Me: Yes, this will definitely be possible. Apart from storing the demographic details, what else would this system provide?

Mr. V: As I formalize my company, I wanted to track the leaves that my employees take. If you could provide an interface for them to apply for leaves and allow me to view the days that they've decided to take off, that would be appreciated. I usually allow my employees 30 days of leaves in a year so could you also calculate the leaves they have remaining?

Me: Absolutely. Just to confirm, I understand that each employee would also need a unique login ID and password to access their accounts and enter these leaves?

Mr. V: Yes, that would be ideal. Do remember to let them change their passwords though. If their account would allow them to enter leaves that I can view, that is perfect. Along with this can we also allow my employees to give me some feedback? Anonymously, preferably. As a new company, I would love to hear areas for improvement and maintain high employee morale and satisfaction at ABC.

Me: Understood. This will be possible. Is there anything else that you'd like this solution to handle?

V: Yes, there is one last thing. My financial officer does take care of budgeting for the company's marketing and capital. He assigns an HR budget as well but I'd like to see a further breakdown of that in my account. I want to be able to enter the salaries for every employee. Then, I also want to be able to enter extra costs such as money spent on employee travel, electronics, etc.

Me: Okay. Would you like me to offer you a provision to enter a total budget so you can see how much of your budget you've used and how much is remaining? Also, is there any other component of this solution you'd want?

Mr. V: Oh yeah, that would be great to have! But that's all. This will definitely reduce all that time I have to spend scavenging through rows of excel sheets.

Me: I'll reach out to you soon with some designs and the software framework to ensure the solution integrates all your requirements well. In the meantime, if you remember anything you'd want to add, please reach out to me.

Mr. V: I look forward to it. Thank you!