

Appendix A

Appendix A.1: Transcript of interview with client

Me: Thank you for sitting down with me to discuss this, sir. You had mentioned that it was very inconvenient and time consuming for you to take students' attendance during online classes.

Client: Yes, that is correct. Now that we have classes online due to the pandemic, amidst all the technical difficulties we face during classes which wastes a lot of time, I do not want taking attendance to take up more class time. Currently, as you also may know, I am having to look at everyone in class or call out their names and mark their presence manually.

Me: I can understand sir.

Client: So, since you had mentioned that you are a Computer Science student and that you could help me with this problem, I am here to discuss it with you.

Me: Surely, sir. Why don't we talk a little bit about what you want me to do exactly. So, you want the attendance taking process to be automatic and fast, right?

Client: Precisely.

Me: What software are you using currently to take online classes? Zoom right? Or do you use Google Meet with other classes?

Client: I use Zoom for all my classes, yes. So, the attendance taking software should be usable with Zoom.

Me: Sure. I can do that.

Client: Also, would it possible for you to make the software manage multiple records of attendance? You see, I take multiple classes and it is would be very convenient to keep separate records for each them.

Me: Definitely possible. However, could you please elaborate more on the records? Do you want the records to be in spreadsheet or any other particular format?

Client: Right. The records have to be stored in a spreadsheet.

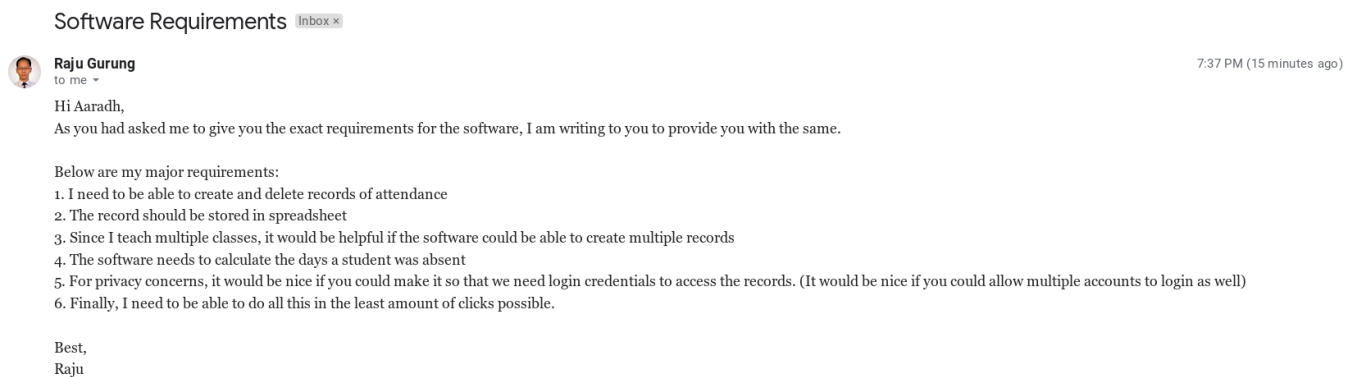
Me: Alright sure. Sir, why don't you give me the other specific requirements via email so that I can work on the software based on those. You can think of more requirements and send them to me so that it is convenient for you as well as me.

Client: That sounds like a great idea. Alright then, I will email you soon. Let me know if you can add those features and also thank you very much for helping me on this. I will surely benefit from this software.

Me: Thank you for your time, sir.

Client: See you in class.

Appendix A.2: Email from the client specifying the requirements



Appendix A.3: Response of Verbal Questionnaire

(Me to Client: Hello sir! I hope you have had time to use the prototype and have some opinions on it. In this verbal questionnaire, I will be going over a few things that I would like you to highlight about the product. The questions are as follows:)

Q: What did you think about the GUI of the application?

A: The GUI was pretty user-friendly, I would say. I did not have any problems navigating any of the features or using them.

Q: What is one thing you really liked and one thing you disliked about the GUI?

A: I think the most useful thing was how you have added the Help button and also how there are suggestions on what to enter in the app. For example when entering the names of students. And I wouldn't say I really dislike anything about the GUI but I think something you could definitely add in your app is like an Overview thing where all the Attendance Records are graphically presented. It is very convenient for me to be able to view those records like that; at once.

Q: Are there any features, besides the ones you mentioned, that you would like added to the application?

A: Something that I think would be useful is a "View All Records" button which I think you can add easily, right?

(Me to Client: Sure sir! That is possible. I can edit this prototype and do it. That should not be a problem.

Client to Me: Thanks! I will assume that this prototype has it then and tell you about one more thing I wanted to mention.

Me to Client: Sure!)

So, something else that would be helpful is if your software could upload the records to Google Drive. The thing is, we are required by the school administration to upload all of our attendance records onto Drive and share it with them. So, if the app could do that for me, it would be very very easy for me.

Q: Is there anything else you would like to say about the application?

A: I think this is it. I just want to say that this application is very helpful and I can already see me making extensive use of it. Thank you for that.

(Me to Client: Thank you so much for your time sir. See you in class sir!

Client to Me: See you!)