APPENDIX A

Interview:

**The following text is an interview transcript that I conducted with my client Ms. x, my DP computer science teacher. (*Interviewer:* me, *Client: Ms. x)*

Interviewer: We can begin now Ms. x, how are you doing today?

Client: I'm doing very well.

Interviewer: I'm conducting this interview in order to discuss a problem you've expressed previously regarding your exam creation process. The one related to difficulty finding questions of specific topics in the computer science DP course?

Client: I see, I am indeed still looking for solutions to this problem.

Interviewer: Could you elaborate on why this poses a problem for you?

Client: Sure. I'm starting to get a lot more students in my CS course nowadays. And I'm spending a lot more time searching for past paper questions online, that are often scattered and unsorted. A lot of the work requires manual effort that has made it more repetitive and inefficient.

Interviewer: I see, do you have any example questions that you are currently using for your exams and quizzes?

Client: Yes, I have many questions saved as images, but they are not sorted or organized. And creating different exams for each takes lots of time.

Interviewer: I see. Would you accept a web application solution to this problem?

Client: What exactly would that application be like?

Interviewer: It would allow you to browse sorted questions based on conditions you are able to set, and to create randomized quizzes and tests based on topics you chose. It will all be connected to a database with computer science questions.

Client: Interesting, that would be helpful for my class and I'm sure many DP computer science teachers.