

## Appendix 1: Initial Interview Transcript

N: Hi, I am Nont, a student at ISB. As part of the IB diploma, I am taking the IB computer science course, which part of the curriculum is writing a program for a certain client. This is part of the IA, or internal assessment, where the aim is to create a program and help a client in some way. Can you introduce yourself?

A: I'm Art. I play the guitar and teach as a music teacher.

N: What is your job title(s) and what does it entail?

A: Mainly I teach music, but I also produce music for several artists

N: Where do you work for?

A: I teach at some music academies and work a freelance job producing music at 'warner music'

N: How do you think music differs from other industries?

A: Probably that in the music industry people share their work with each other, play music together, many creative people joining together to create a piece of work.

N: Are there specifically any problems encountered in this field of work?

A: As a music teacher, I would say teaching different types of students, as many of them like different things. I think accommodating for them is the hardest part.

N: How do you accommodate your different students?

A: For example, if a student is forced to attend because of their parents, I can't teach them or a lot of information or hard techniques. So, I have to let them play more simple songs and let them enjoy it first.

N: What about the problems you face as music producers?

A: There are mainly two things. One, communicating with the artist themselves, grasping what kind of song they want to create. So, I have to study their past works beforehand. Two, their target audience with they are trying to reach with their music, as different age groups would like different kinds of music.

N: As of right now, are there any computer software that helps assist you in your work?

A: Related to music, would be websites which we can search and view chords of music pieces, like chordTabs.

N: In these applications that you use currently, are there any problems with the program?

A: chordTabs has a lot of songs and users can very easily find the songs they want. However, this application doesn't have functions to change the key of the song.

N: Are there any other features that you would want in these types of programs?

A: If possible, I would love to have a function in the application that will allow me to play the backing track alongside viewing the chords.

N: How would these added functions help you in your daily life?

A: Without it, the application makes us do extra tedious and impractical work. For example, when performing live, each singer may want to sing in different keys, so having the ability to immediately transpose the key makes it more practical

N: Thank you.

