

Minutes of Project number A05 held on Google Meets, at 09:00 on 19/08/2022.

In attendance:

Mr. I. Ramedies, Mr. A. Oloo

1. Approval of the previous minutes

1.1. Approved.

2. Items from previous minutes

2.1. DSP has been worked on by the student, the student has developed and tested the main building block of the synthesizer, the digital resonator.

2.2. The project report has been completed; it is acceptable.

3. Progress reports

3.1. Student – The results of the digital resonator is working as expected, it resonates according to the correct fundamental frequency and bandwidth specifications. There is a discrepancy in the research paper where the research paper's resonator goes down to -20 dB, but this resonator does not. The transfer function has been plotted and a conclusion has been drawn that the paper's software might be outdated.

3.2. Student – has looked into audio libraries to start combining audio signals together and has experimented a bit with it.

4. Action items

4.1. Student is tasked with getting audio output from the signals that are being combined.

4.2. Student is tasked with working on individual functional units of the project, as described by the system.

5. General

5.1. Study leader has assured that progress is not too bad for now, however the next meeting, some synthesis has to be completed.

5.2. Study leader gave general advise on completing the project in small bits.

6. Next meeting date

Week of the 29th August.

Signed off: