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Notes for Client Meeting 1

The software will be in Linux and to be installed on all the computers in the new lab.

The Unit Coordinator(UC) should be able to:

- Have an admin setup ready to use and the necessary documents (exam questions, computer usage guidelines etc) ready ahead of the exam/test.
- See the list of students who will be sitting the exam (via StudentID) and the course unit for the exam.
- Verify the submission of a student's work by looking at the individual file uploads from each computer at each exam session.
- Keep track of the progress for the session via a progress tracker apparatus.
- Halt the session/a particular student in the event of an emergency.

The highest priority for this is real time synchronisation of changes made to student folders on the computers against the folders saved to the main server where the UC will have access to every student's work in one place.

Extensions

1. Ability to integrate software/scripts written by school staff by having student folders be highly modular.
   (e.g. Dave's software script used to randomise exam questions, tokenizer to compare students' codes for possible plagiarism)
2. Further access given to students after a few days of sitting the exam so that they can access/download their own submissions.
3. User friendly UI features:
   - Invigilator portal/dashboard which allows an invigilator to leave remarks about a certain incident/question.
   - Visualised progress indicators like progress bars to show how far a student has worked through a certain exam.
   - Countdown timer to alert students of the time remaining for the exam.
   - Quick access buttons to alert the invigilator of a possible error/typo in the exam, for help, and to submit their work.

As for selective network blockage (e.g. Discord auto-blocked to prevent communication between students), the students should only be able to do simple web browser searches. I am not sure how this can be integrated into this system?