

Zoom

Pros

- Doesn't freeze when everyone opens camera
- Co-hosting feature

Cons

- Order of participants changes frequently (probably because it is based on audio activity)
- Students may get logged in using a different account, making them unrecognizable
- Anonymous login possible

Google Meet

Pros

- Participants are ordered alphabetically, making it easier to monitor individual students
- Students must login using the ULAB email to facilitate identification
- Anonymous login can be prevented

Cons

- No co-hosting features
- Video feedback freezes when everyone opens camera. In the PC where we conducted the experiment, Google Chrome stopped responding. Firefox did not display said problem. However, it still froze video feedback several times.

Final Remarks

- Using Google Classroom's "Quiz Assignment" for exams is a good idea
- Google Meet is the better choice between the two for monitoring
- In this experiment, Firefox provided better results in handling multi-video streaming. However, even when using Firefox, it is recommended to use the "sidebar" layout in Google Meet and pin individual students for invigilation
- Despite taking all precautions, students may find ways to plagiarize. Therefore, it is recommended to hold open book exams and prepare questions that focus heavily on PLOs 2, 3 and 4 (i.e., Problem Analysis, Design/Development of Solutions and Investigation)