EL 201

Problem Statement:

The student loses attention during the class.

Abstract Solution:

Since the attention span of an average human is 15-20 minutes[1]. The class of 45 minutes can be divided into two classes of 20 minutes each. With a five minute break between both sessions. The teacher is to do something entertaining during this break. (what they do is left at their discretion as the way each teacher interacts with students is different)

This also has another advantage of increasing the conversation and making students more comfortable around the teacher, thus they would feel more comfortable to reach out to the teacher.

The student is supposed to switch on their cameras during class. They would be told that their video is being recorded. While a bot randomly chooses 5% of students in a class and just transmits a few random minutes from them to the teachers server, thereby consuming comparatively less bandwidth while giving the students enough of a reason to remain in the class to not get called out. This is especially useful for students who would not attend classes regardless of how interesting it is.
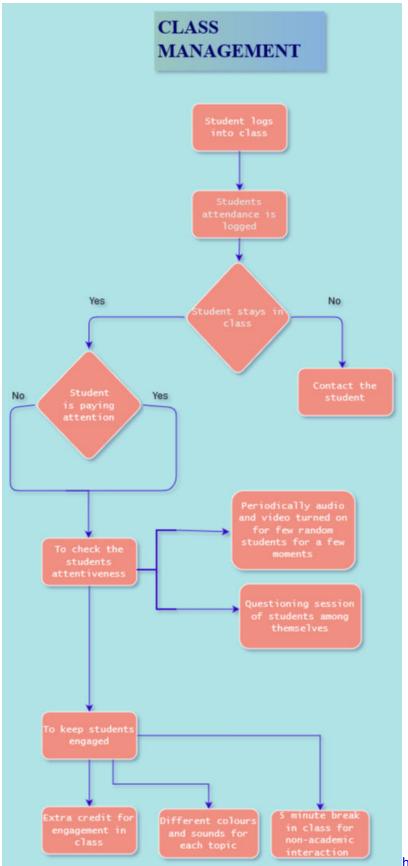
What is done with a non-interested student is left at the teacher's discretion.

Citing:

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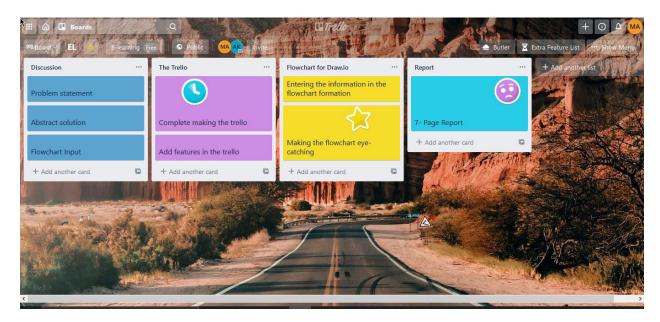
Class Management:

1)Student logs into class

2)Student's attention is logged

3)Check if student stays in class.

4)If not, contact the student

5)Else, now we check if the student is paying attention

6)To do that we periodically turn on the audio and video of few random students for a few moments

7)There is also a questioning sessions among the students

8)To keep the students engaged, we

8.1)Give extra credits for engagement in class.

8.2)Different colors and sounds for topics to attract attention.

8.3)5 minute break in class for non academic interaction.

CLASS MANAGEMENT

Student logs into class

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Students attendance is logged

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Student stays in class

- Yes →
- No →

No (Student stays in class): **Contact the student**

Yes → **Student is paying attention**

- No
- Yes

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To check the students attentiveness

→ Periodically audio and video turned on for few random students for a few moments

→ Questioning session of students among themselves

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To keep students engaged

- Extra credit for engagement in class
- Different colours and sounds for each topic
- 5 minute break in class for non-academic interaction

201/blob/main/Flowchart.png

https://trello.com/b/BoHyuQmC