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Objective/Background/Motivation

- ***Current classrooms utilise traditional attendance taking methods (either online or paper) to record students' presence.***
- ***These are time consuming and sometimes the teacher / instructor forgets to do them leading to administrative issues.***

Existing Solution

- ***The problem doesn't have any real existing solutions; however, the technology behind it, facial recognition, exists.***
- ***There have been developments over time to solve the registering process (making attendance online rather than paper or even a study in South Africa that uses radio frequency), but our solution aims to improve upon this.***

Your Solution

- ***We can use facial recognition, facing the door of every classroom, to automatically recognise and register students***
- ***These cameras would be activated 5 min prior to the lesson and continue till 5 minutes after class begins enabling all students to be recorded effectively***

Resources Needed

- ***Cameras that can send live feed to a device***
- ***Facial recognition software (we can code this by using what we have learnt)***
- ***Training data***