## **CLOUDY WITH A CHANCE OF IOT PRESENTS**

## HASSLE FREE ATTENDANCE USING FACE RECOGNITION

FOCUS ON WHAT'S IMPORTANT

ON AN AVERAGE, A TEACHER TAKES ABOUT 6 MINS TO TAKE ATTENDANCE FOR A CLASS OF 60 PEOPLE.

## THAT'S 10% OF THEIR TIME

BY AUTOMATING THIS PROCESS WE SAVE BOTH TEACHERS AND STUDENTS A LOT OF TIME

S3 BUCKET (Classimages)

S3 BUCKET (Croppedfaces)

ATTENDANCE DB

Sends segmented pictures to be stored in an AWS

Detects and crops faces and sends

update azure database

RPi Camera

Detect Faces

Recognises Faces and returns JSON

Display attendance

## **ADVANTAGES**



**ECONOMICAL** 



**SAVES TIME** 



HUGE IMPACT ON INDUSTRIES AND INSTITUTIONS



**VERY ACCURATE**