**ABOUT THE PROJECT**

This project is a working system of autonomous attendance system. With our system we can make the whole process of marking the attendance less cumbersome. With the facial recognition algorithm, we retrieve images faster for processing, analyzing and checking them from the database. This project makes real implementation of facial recognition technology with an existing problem. With this implementation we are hoping to solve a lot more problems in the near future.

**REQUIREMENTS:**

* Opencv installed
* Python 3.7
* Os library installed in python
* Numpy installed in python
* Openpyxl installed in python

**HOW IT IS DONE?**

* Firstly, we create face data using the create\_data.py python script.
* After creating the data, we check whether our data is properly stored in the destination folder or not
* Then we check for the name in the excel file
* Then we run the face\_recognise.py script for the facial recognition part
* Then the algorithm will identify the faces stored in our datasets
* And then update the recognized face as present in the excel sheet