Machine Vision & Control Automation

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## AI Face Recognition Attendance Thermal System:

The AI Face Recognition Attendance Thermal System is an advanced AI technology presented by the contactless method of verification for time and date. With one look, able to record attendance. Furthermore, this technology has been integrated with thermal devices to capture and keep a record of the person's body temperature. Therefore, it is useful in this covid-pandemic as it is able to identify whether the person had a covid-symptom by measuring the body temperature.

## AI Face Recognition Process Step:

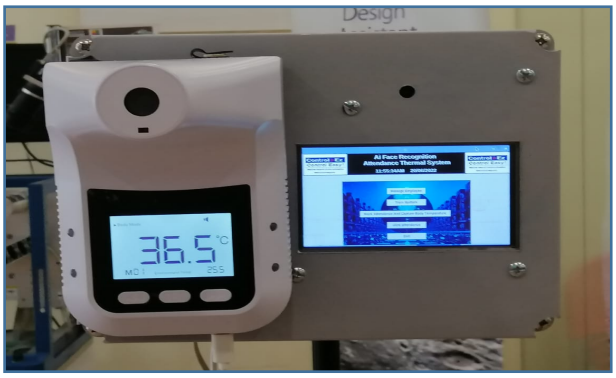
First, the person registers their name, phone, and department. Then by pressing the capture and save button, a camera screen will appear to capture the person's face 50 times. Next by pressing the train system button, The AI will start to scan through all the captured images for face recognition. Once the training is completed, by pressing the mark attendance and capture the body temperature button. The camera screen will appear with instructions for capturing the temperature and facial recognition. To view the record pressing the view attendance button will show the record of the person's name, time, dates, and temperature in a table format.

## Application of AI Face Recognition Attendance Thermal System:

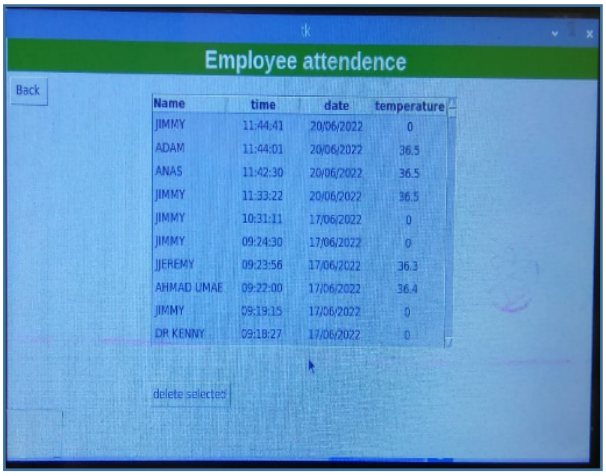
- Company & Factory
- Institution
- Healthcare
- Retail
- Immigration

## System Components:

- Control Easy AI Face recognition software
- Camera
- Temperature sensor with display
- LCD Touch Screen, keyboard and adjustable stand




## AI Face Recognition User Interface:

## AI Face Recognition:

## View Record: