AI Team – *Face Recognition System*

✅What to Create:

- A face detection and verification system using the webcam.
- It will check if the person sitting in front of the laptop is a real employee.

Tools:

- Python
- OpenCV
- DeepFace (or FaceNet)
- Flask or FastAPI (for APIs)

🎯 Final Output:

- An API endpoint like `/verify-face` that will:
    - Accept a photo from the frontend
    - Compare it with stored photo
    - Return **true or false** (match or no match)

📁 Example:

- Frontend sends a photo → AI checks → returns:

```json
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{
  "match": true,
  "confidence": 96.5
}
```