# Face Recognition Platform with Real-Time AI Q&A using RAG

**Registration**

- Enter your name
- Capture frame using Webcam
- Detect Face
- Identity and encode Facial Features

Store the details in log file for each day

LOG

Store the name, metadata(timestamp), encoded facial features

**DATABASE**

**Live Recognition**

- Capture frame using Webcam
- Detect Faces with bounding box around the faces
- Identify and encode facial features

Matching ?

YES → Recognized face successfully!

NO → Unknown face recognized!

**Chat-Based Query Interface**

Query from frontend...

**RAG Engine**

Fetch details from the log file

Answer the query..