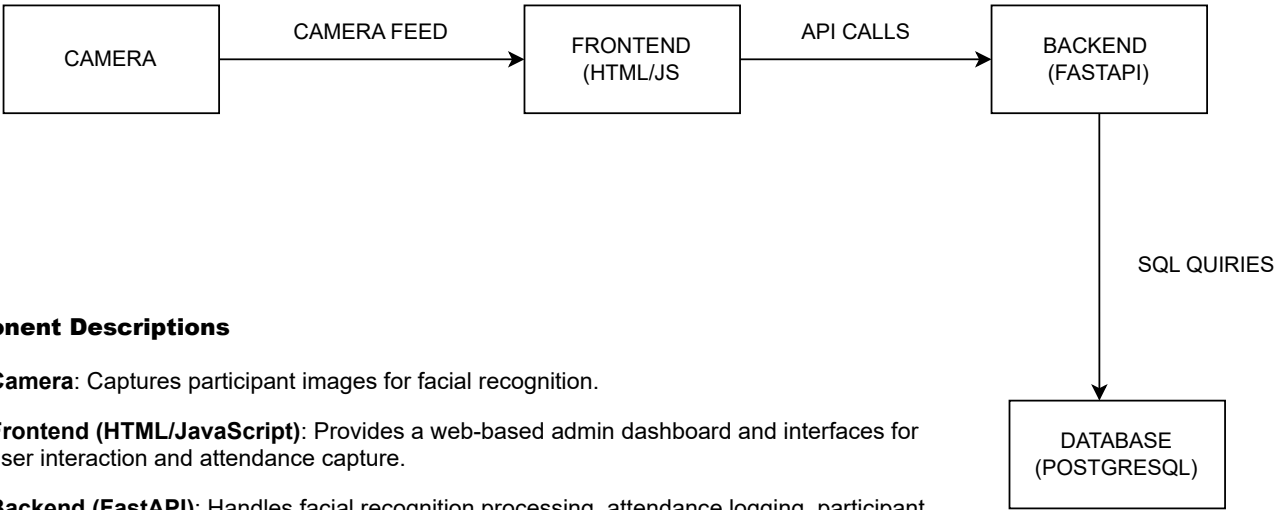


System Architecture Diagram



Component Descriptions

- **Camera:** Captures participant images for facial recognition.
- **Frontend (HTML/JavaScript):** Provides a web-based admin dashboard and interfaces for user interaction and attendance capture.
- **Backend (FastAPI):** Handles facial recognition processing, attendance logging, participant management, and API operations.
- **Database (PostgreSQL):** Stores participant data, attendance logs, and event details