

AURA



TEAM GRANDPABOST

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BACKGROUND



Anywhere that needs safe, quick, and easy visitor check-ins.

- Events
- Corporate Offices
- Hotels
- Hospitals

- ⊗ Slow Response in Peak Hours
- ⊗ Consistency & Efficiency Gaps
- ⊗ High Operational Costs
- ⊗ Risk of Human Error

Fully on-premises AI receptionist with

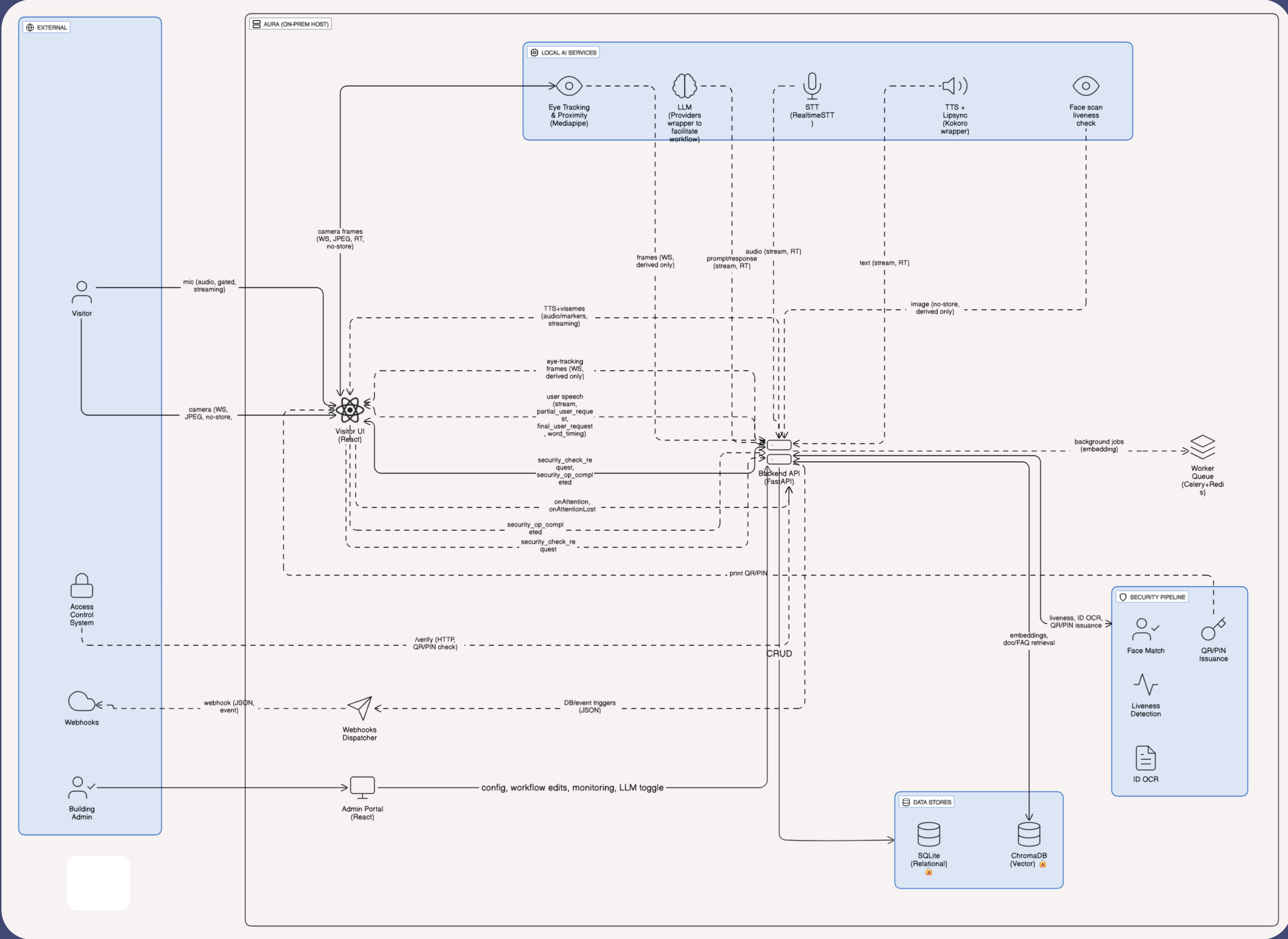
3D human-like avatar:

- Lip-sync
- Eye Tracking

Secure identity verification:

- ID card scanner
- Liveness Detection

Project Architecture



Tech Stack

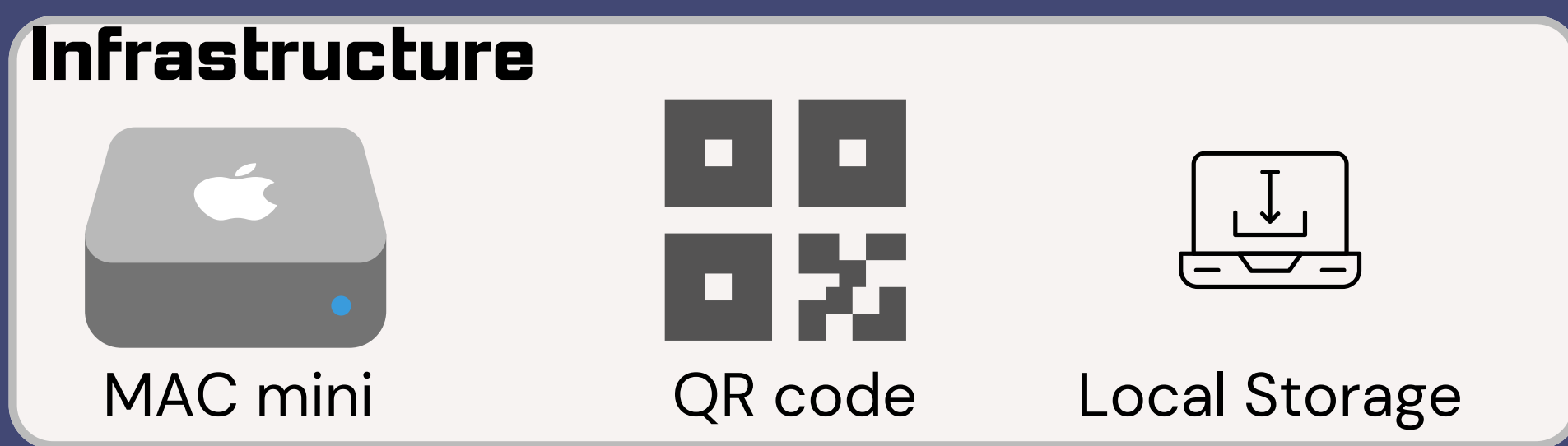
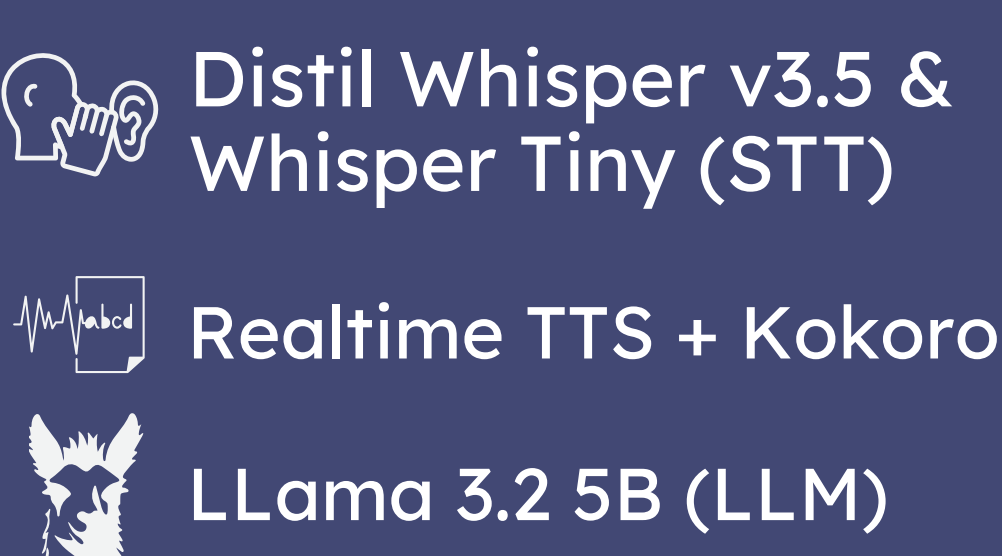
Frontend



Backend



AI/ ML Components



METHODOLOGY

CORE FEATURES

Local & Flexible Conversational Intelligence

- STT-TTS (dual Whisper models)
- Conversational AI using LLM



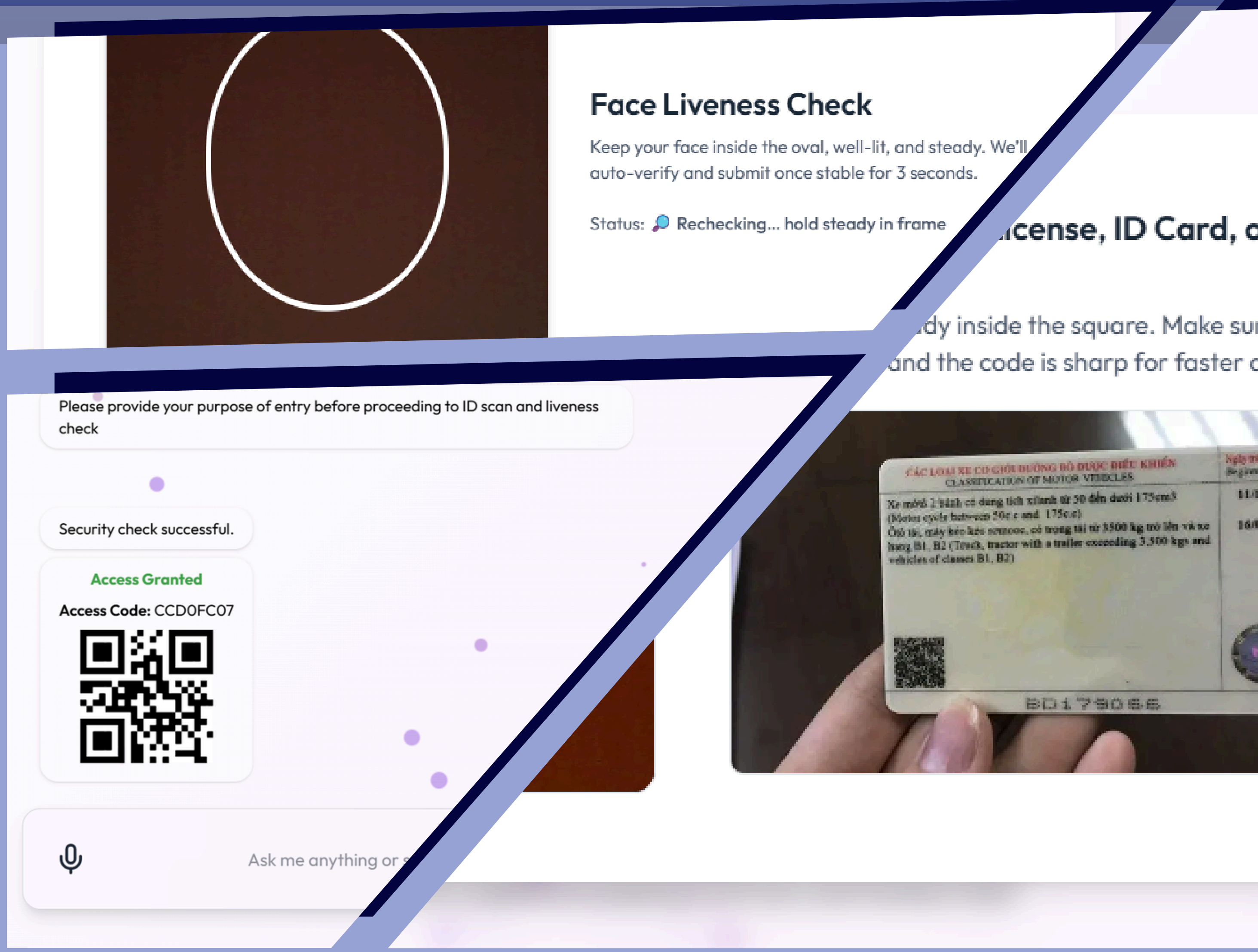
Dynamic Content & Workflow Management

- GUI-based visual workflow editor
- Document & FAQ-based Q&A with ChromaDB
- Webhook integration for real-time updates

Identity Verification & Humanized Interaction

- Physical ID card / Driver's License + Facial Recognition + Liveness Detection
- QR-based Visitor Check-in & Access Control
- Real-time 3D Animated Avatar with lip-sync & eye tracking

IN ACTION



DELIVERABLES

3D avatar	Fully local	RAG engine	Multi-layer visitor verification	Dual STT-TTS design	Flexible workflows	Local and cloud-enabled models.
Human interactiveness	Privacy	Building aware AI	Security	Human Interactiveness	Edit without Coding.	Ollama (offline) & ChatGPT API (online)

Uses SOTA models and RAG techniques

Human-like interaction, verification, and customizable workflows

Independent on cloud infrastructure and APIs.

Different from all the agent tools out there

Ready for real-world developments