

Hotel App Features

CHAT APP

Languages:

1. English language: Gemini 3 AI speech
2. Afrikaans: Lelapa AI
3. isiZulu: Botlhale AI
4. isiXhosa: Botlhale AI

Dashboard:

Menu side panel

1. Live Analytics:
 - a. ARR,
 - b. Occ%,
 - c. Rack Rate,
 - d. MTD RM Rev,
 - e. MTD F&B Rev,
 - f. F&B Rev,
 - g. Eskom sePush,
 - h. Weather,
 - i. Currencies
2. Live token use:
 - a. GEMINI_API_KEY usage count and cost
 - b. Nightsbridge API
 - c. PMS API
 - d. POS API
 - e. MTD UPSELL REVENUE
 - f. MTD UPSELL %
3. Live Departments Tickets:
 - a. GEMINI_API_KEY Agentic proactive departmental notification
 - b. ORION DEV CORE LAN NOTIFICATIONS
 - i. ROOM RESERVATIONS
 - ii. RESTAURANT RESERVATIONS
 - iii. HOUSEKEEPING
 - iv. MAINTENANCE
 - v. CONCIERGE
 - vi. AI AGENT
 - vii. MANAGER
4. AI Reports:

- a. Export to pdf, docx, csv, json, python
- 5. HR/ Legal / Docs (In-house - AI can use as reference)
- 6. AI Features:
 - a. Guest Response suggestions- - when there is a complaint, AI writes suggested responses to standardise guest feedback
- 7. Settings:
 - a. Google Workspace login, (Optional... not sure yet)
 - b. Users (creation, editing,
 - c. Dark/ Light mode
 - d. Sounds - notifications

Department Modules:

Housekeeping: GEMINI AI VISION, Create Ticket, Close Ticket, Room Status

Maintenance: GEMINI AI VISION, Create Ticket, Close Ticket, Room Status

Front Office: Nightsbridge, PMS, Reservations, Guest relation, Concierge

Restaurant OR Dineplan: Reservation

HR: Schedule Uploading, Staff Auth

THE BACKEND:

SECURITY/ DATA ENCRYPTION/ SECURE API VAULT

Secure Firebase Database
 Live System updated
 Live Guests List
 Live Reporting
 PII
 API KEY Vault
 POS Integration
 PMS Integration
 POPI Act Compliant

Gemini 3 FEATURES:

GEMINI 3 AI VOICE CHAT - GENERATIVE LANGUAGE API
 GEMINI 3 AI AGENTIC GUEST RELATIONS
 GEMINI 3 AI AGENTIC ROUTING (LAN Ticketing Systems)
 GEMINI 3 AI MAPS API
 GEMINI 3 AI ITINERARY PLANNER
 GEMINI 3 AI VISION
 GEMINI 3 AI BIOMETRICS AUTH (Camera, Fingerprint, Sign)
 GEMINI 3 AI MOBILE POS
 GEMINI 3 AI LEARN, L&D (STAFF DEVELOPMENT)
 GEMINI 3 AI GOOGLE WORKSPACE AUTH