

RXAIDE

An AI-Powered Medication Reminder
& Management Assistant

PROJECT PROPOSAL

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GROUP 2

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OF PATIENTS DO NOT TAKE
MEDICATIONS AS PRESCRIBED

THE MEDICATION CRISIS

- Around 125,000 preventable deaths annually
- Approximately 10% of hospital admissions are linked to medication non-adherence
- Elderly patients managing multiple medications are especially vulnerable



WHY EXISTING APPS FALL SHORT



MANUAL ENTRY APPS

Tedious and time-consuming data input
High chance of errors
Users often abandon the app

BASIC REMINDERS

Only provide simple timers
No intelligence or personalization
No progress tracking or guidance

What's Missing? intelligent & intuitive assistance, user-friendliness

OUR SOLUTION

INTRODUCING RXAIDE

AN AI-POWERED MEDICATION
ASSISTANT THAT HELPS USERS
STAY CONSISTENT WITH
TREATMENT



SNAP PRESCRIPTION

SMART REMINDERS

AI CHAT ASSISTANT

THE KEY INNOVATION

AI-Powered
Prescription Scanning



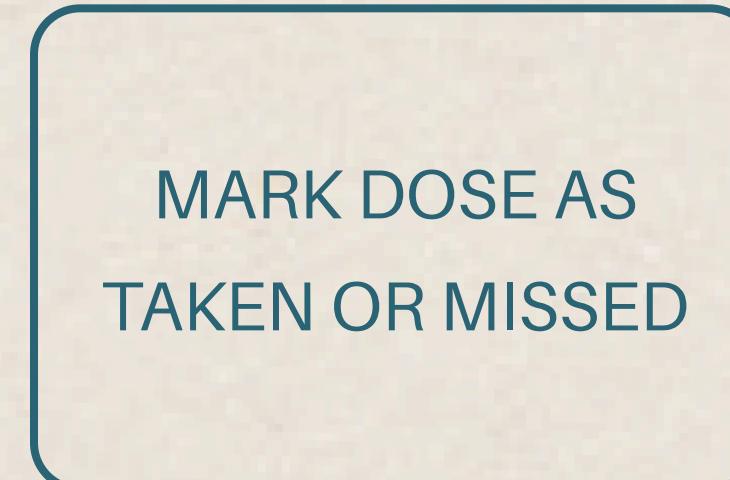
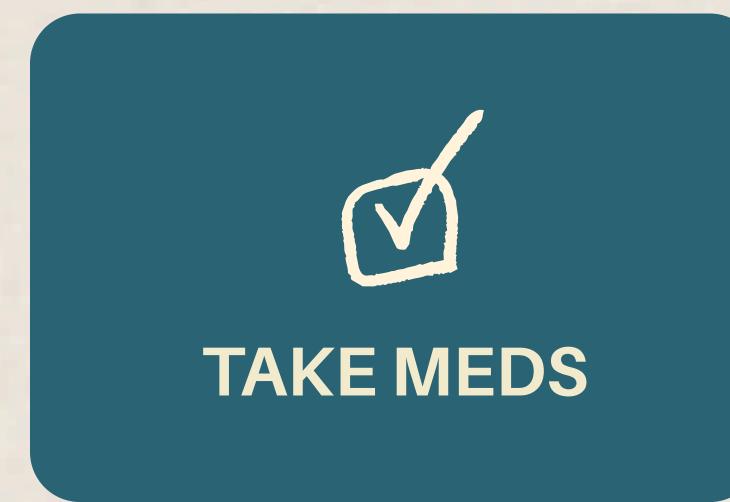
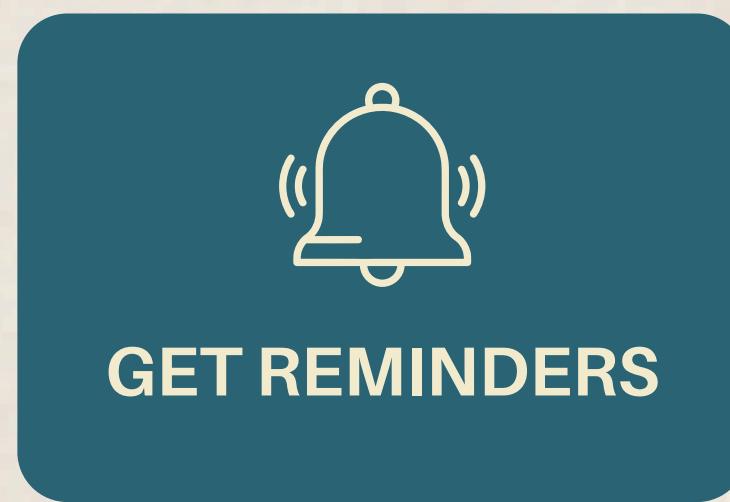
No manual entry required!

Snap photo → Gemini API

Extracted Data:

- Medicine name
- Dosage
- Frequency
- Duration

HOW RXAIDE WORKS



CORE FEATURES



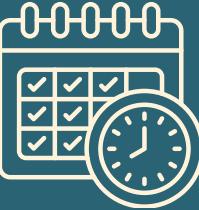
PRESCRIPTION SCANNING

AI extracts meds, dosages and frequencies



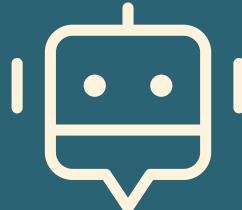
RELIABLE REMINDERS

Actionable notifications with take/skip actions



SMART SCHEDULING

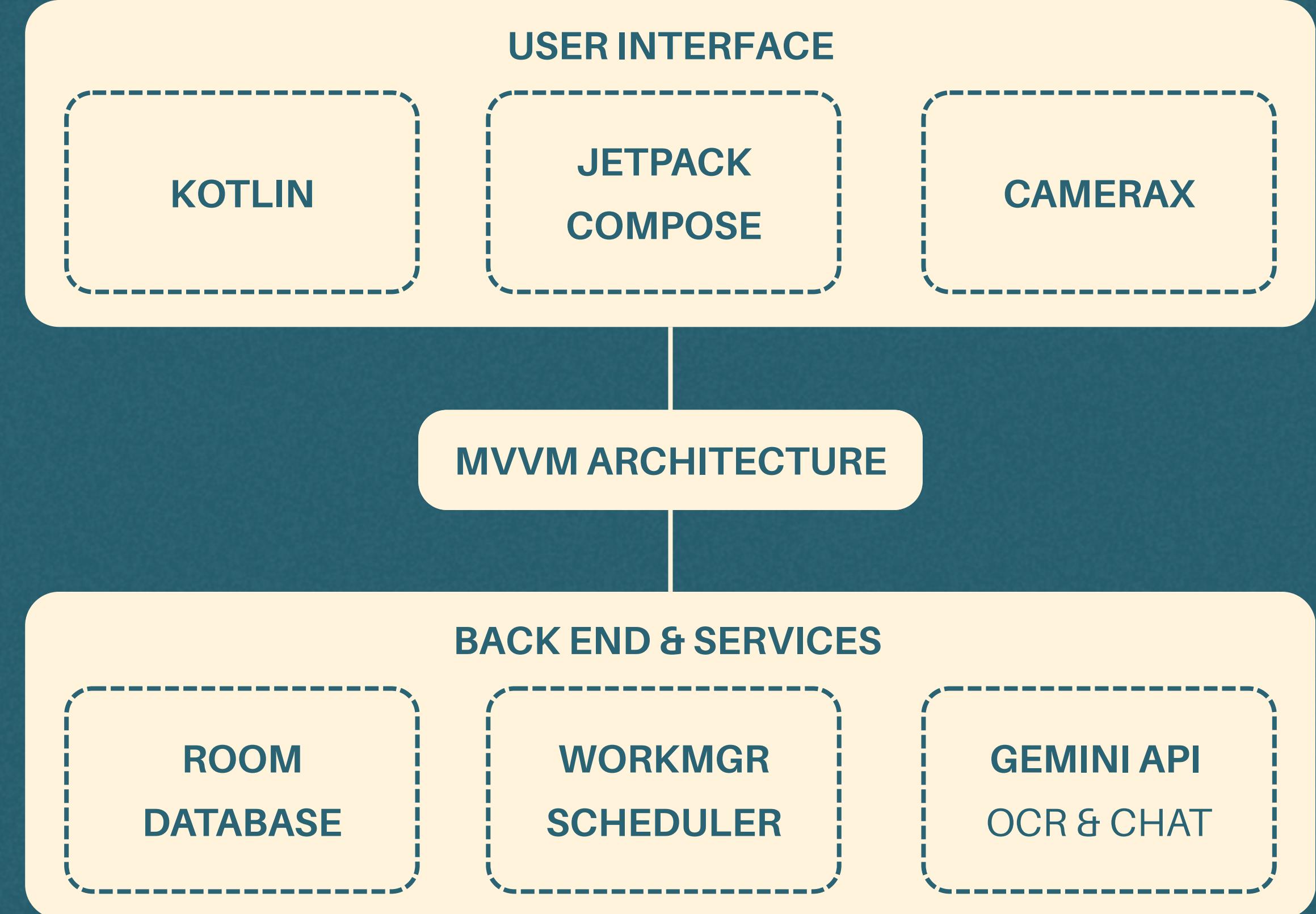
Auto-generates personalized reminder times



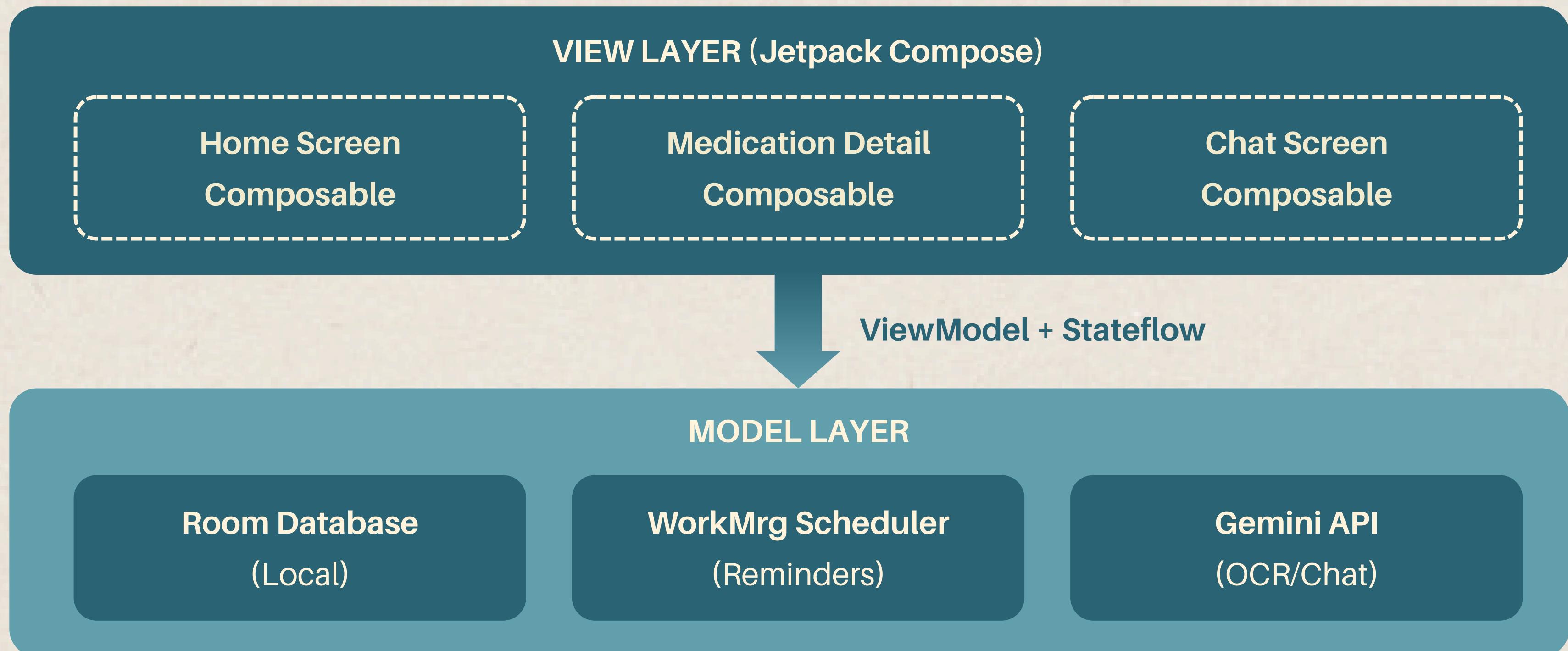
CHAT ASSISTANT

Conversational interface for questions & updates

TECH STACK



SYSTEM ARCHITECTURE



EXPECTED OUTCOMES

Learning Outcomes

- Functional Android medication app
- AI-powered prescription scanning
- Automated scheduling system
- Reliable reminder tracking
- Conversational chat assistant

Project Deliverables

- Functional Android medication app
- AI-powered prescription scanning
- Automated scheduling system
- Reliable reminder tracking
- Conversational chat assistant



WHY RXAIDE?

We want to build something that genuinely helps people.

HEALTHCARE IMPACT

ACCESSIBILITY

AI INNOVATION

THANK YOU FOR YOUR ATTENTION!

