

# RoomMitra.AI

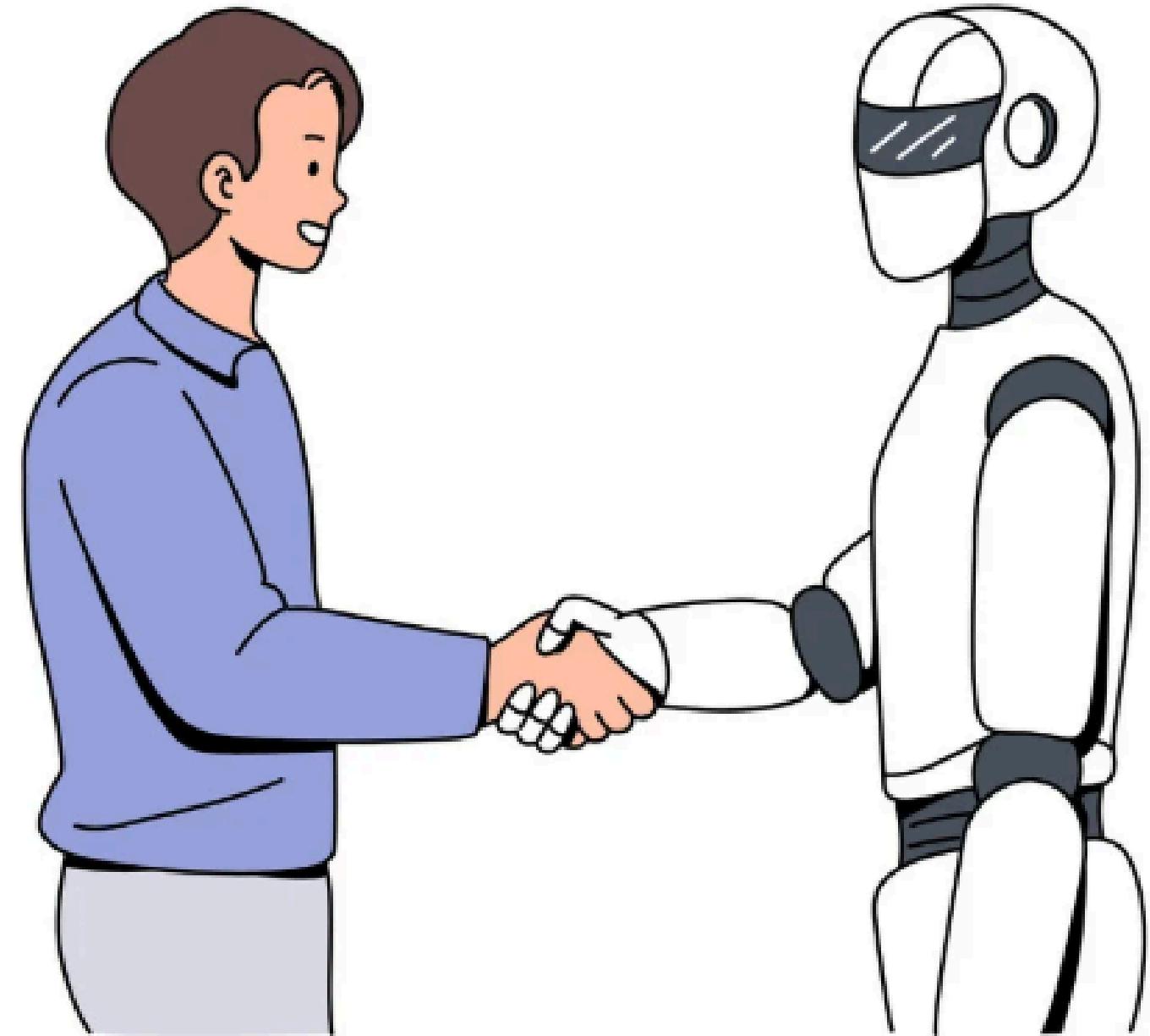
From Food to Mood, It's All Understood.

Presented By:

**Team Tech Minds**

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# Problem Statement

## Personalized Food and Facility Management

### The Real Struggle of Living Away From Home

**Living away from home is freedom—until it isn't.**

No one reminds you to eat.

No one nags you to clean your room.

No one notices when you're feeling low.

😔 Skipped meals,

🏡 Messy rooms,

💡 Uncomfortable environments,

❤️ Emotional disconnection...

We often overlook these things, but they silently take a toll on our body and mind.

Whether you're a student or a working professional, managing food, comfort, and care alone is a challenge.

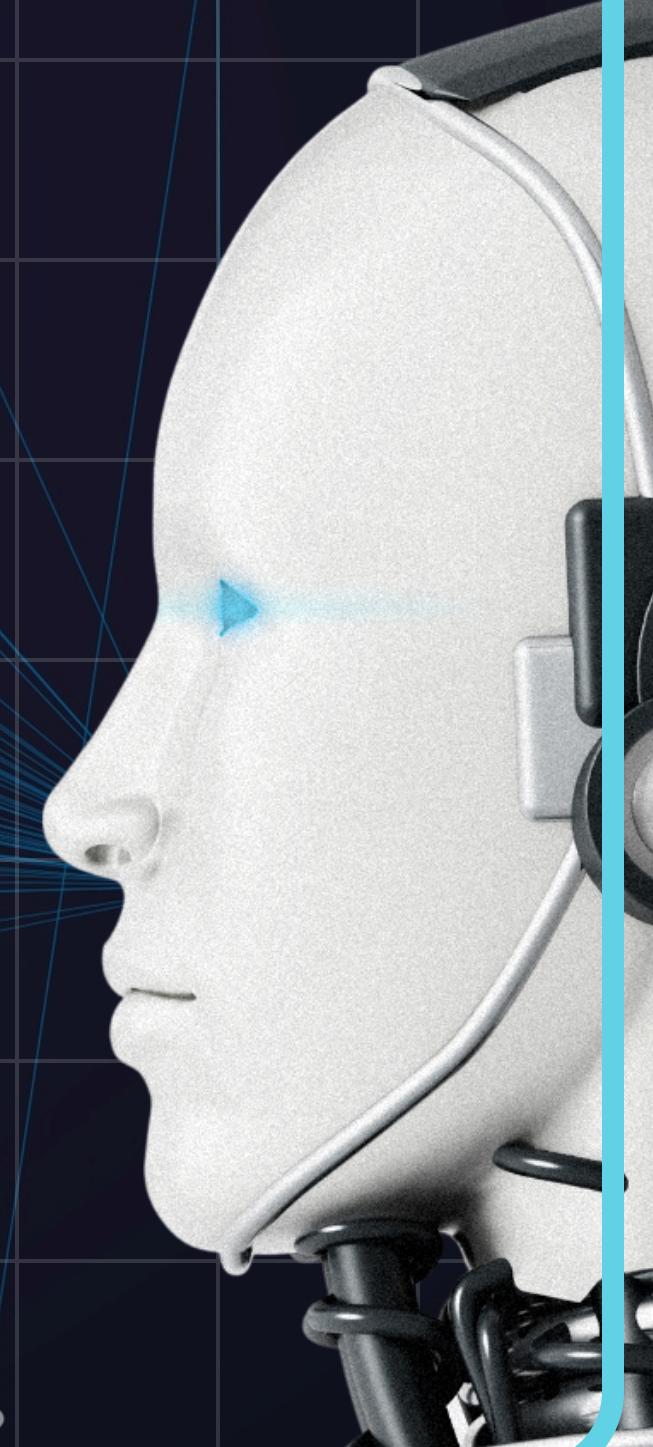
# Our Solution: RoomMitra.AI

## From Food to Mood, It's All Understood.

When home feels far, RoomMitra.AI feels close. A smart, caring companion that doesn't just manage your room—it understands your needs, your habits, and your moods.

- 🍎🥗 Craving healthier food? It's got you.
- 🌡️ Feeling too hot or too cold? It adjusts.
- 🧹 Need a cleaning routine? Already scheduled.
- 💬 Missing home? "**Rumi**" is always there to talk.

RoomMitra.AI isn't just smart tech— it's your personal comfort zone, powered by AI, built with heart.



# Our Solution:

# RoomMitra.AI

The home screen features a background image of a bedroom with a tufted headboard bed, two lamps on side tables, and a window with curtains. Overlaid on the image are several interactive elements: a blue atom icon in the top left; the text "RoomMitra.AI" in the center; a yellow button labeled "Chat with RUMI" below it; a "Smart Food Suggestions" card with a fork and knife icon; and a "Room Environment Control" card with a blue air conditioning unit icon. At the bottom, there's a navigation bar with links for "Food", "Room Control", and "RUMI".

**Room Comfort Settings**

- AC
- Lights
- Fan

Temperature: 24°C

Cleaning Schedule: Morning

Save Preferences

**Saved Profiles**

**Name:** Archita  
**Age:** 21  
**Food Preference:** vegetarian  
**Room Temperature:** 18 °C  
**Study Schedule:** night  
**Cleaning Preference:** Evening

**Name:** Mayuri Paliwal  
**Age:** 21

**Why Choose RoomMitra.AI?**

Your friendly buddy away from home! 🏠 ❤️ RoomMitra.AI understands your needs — from personalized food suggestions 🍽️ to a comfy room environment 🌃. We're here to make your day smoother and happier, because you deserve a little extra care, every day. 😊 ❤️

Smart, simple, and made just for you — that's RoomMitra.AI. Experience comfort and care like never before!

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**Personalize Your Experience**

Name:

Age:

Food Preference:  Select

Preferred Room Temperature (°C):

Preferred Light Brightness (%):

Have you drunk water today?

Did you eat something nourishing?

Take 3 deep breaths, now... better?

It's time to wind down for sleep.

Rumi says: You are loved and supported.

# What Makes RoomMitra.AI Special?

## 🥗 Smart Food, Smarter You

Food fuels mood. RoomMitra.AI learns what you like, what you need, and recommends meals that nourish both body and brain.

→ Because skipping meals fuels stress—let's feed focus and happiness.

## ❄️ Room That Knows You

Your room affects your mood. Whether it's lighting or temperature, RoomMitra adapts to create a calming, personalized space.

→ A soothing environment reduces anxiety and boosts productivity.

# What Makes RoomMitra.AI Special?

## 👉 Clean Room, Clear Mind

Clutter causes chaos. With auto-scheduled cleaning that suits your day, your room becomes a mental reset zone.

→ Organized space = organized thoughts.

## ✉️ Mom Can Still Peek In (If You Want 😊)

RoomMitra bridges the emotional gap. Parents get gentle updates and can send encouragement—no pressure, just presence.

→ Because emotional support is still just a message away.

# What Makes RoomMitra.AI Special?



## Meet “Rumi” – Your AI Buddy

Rumi doesn't judge—Rumi listens. From reminding you to hydrate to checking in when you're feeling low, Rumi cares.

→ Mental health starts with small, daily nudges.



## Dashboard That Gets You

Track your habits, feelings, and routines—all in one intuitive space.

Awareness is the first step to balance.

→ It's not just data; it's your story, visualized.



# Deep Dive – How Rumi Supports Students

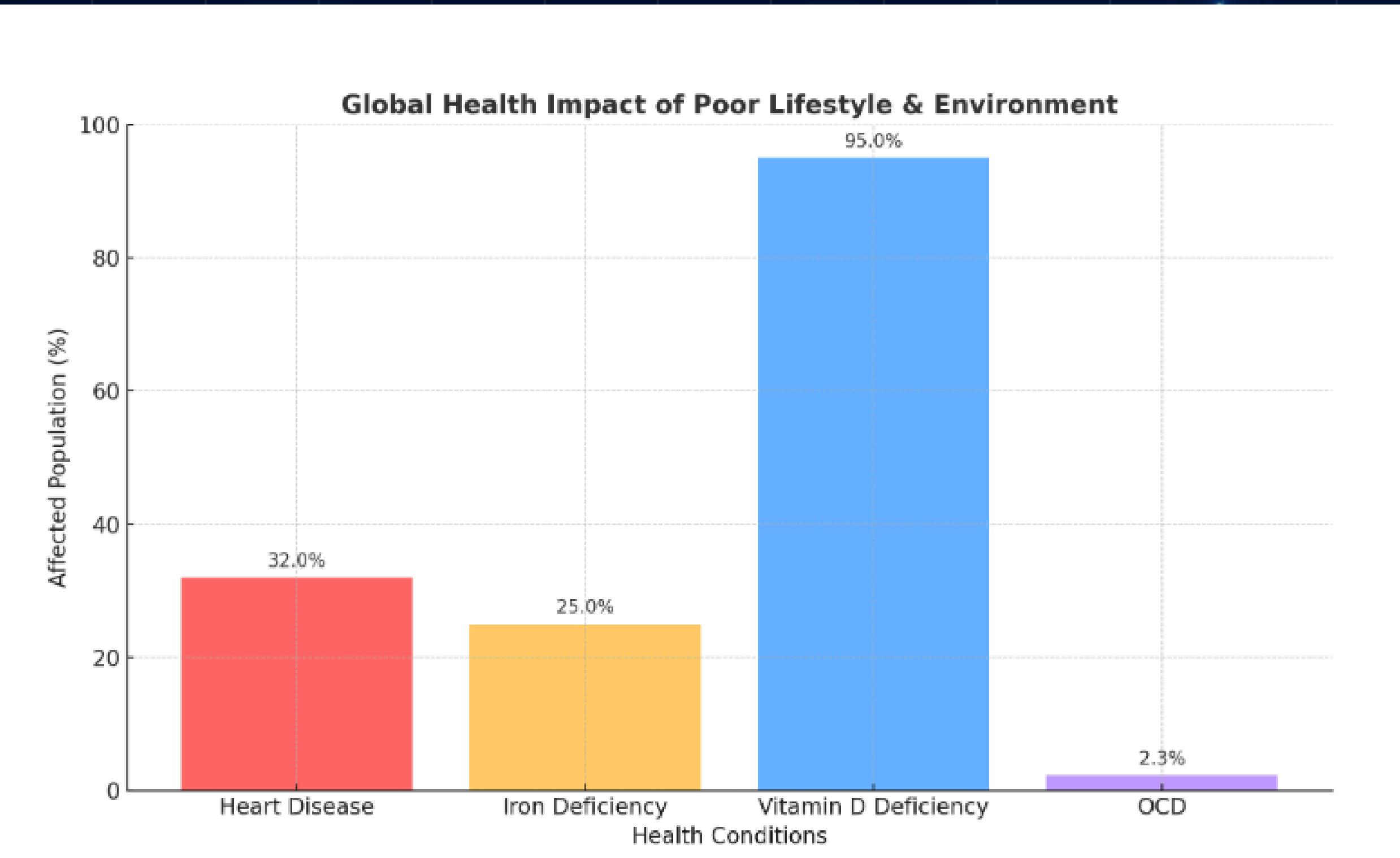
The image shows a mobile application interface for "RUMI". At the top, there is a navigation bar with links: Home, About, Profile, View Profiles, Food, Room Control, and RUMI. Below the navigation bar is a section titled "Meet RUMI" featuring a small robot icon.

The main area displays a text-based conversation between two users:

- Rumi:** Shanti... ❤️ Don't forget to drink water 💧 . Staying hydrated keeps you glowing and sharp!
- Shanti:** Thanks, Rumi! You're the best 🎉
- Rumi:** Take a little break, stretch your arms 🧘 . You're doing amazing and I'm proud of you!
- Shanti:** I needed that reminder. Thanks again ❤️
- Rumi:** Shanti, how are you feeling today? Mentally and emotionally — I'm always here 🌸
- Shanti:** A little tired, but pushing through with your love 🌸
- Rumi:** That's okay, even strong souls need rest. Sending you virtual hugs 🤗 and strength 🌟

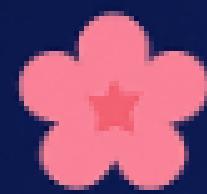
**“Rumi isn’t just AI – it’s your wellness companion, always by your side.”**

# The Silent Health Crisis of Independent Living



Sources: WHO, Healthline, Oregon State University (LPI), Treat My OCD (NOCD)

# What Makes RoomMitra.AI Truly Unique



## Female Health Mode

Food & wellness tips  
during periods and PCOD



## Auto-Clean Scheduler

Learns habits and suggests  
best cleaning time



## Emotion-Aware “Rumi”

Adapts tone based  
on emotional input



## Private Parent View

Safe and minimal parental  
dashboard

RoomMitra.AI doesn't just support your lifestyle – it understands it.



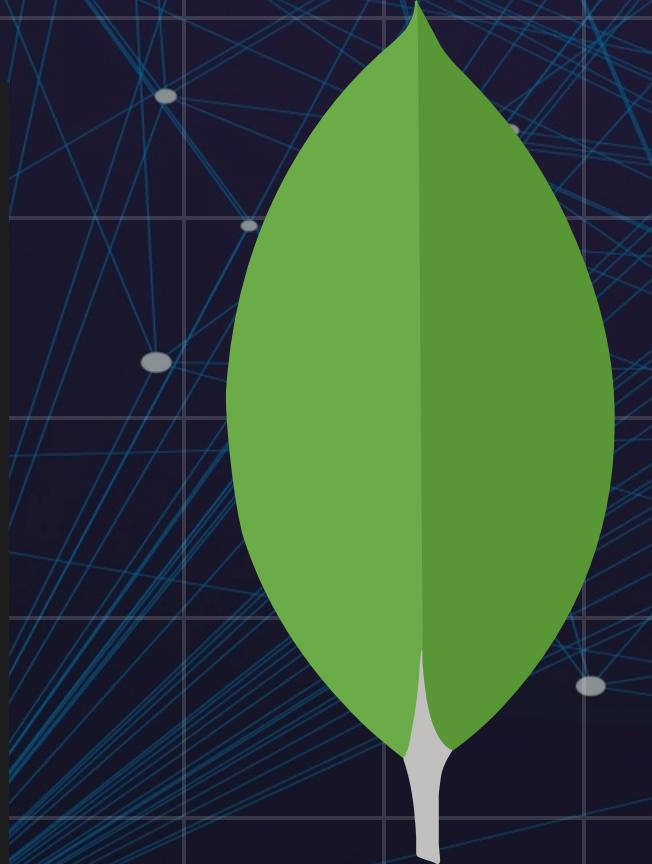
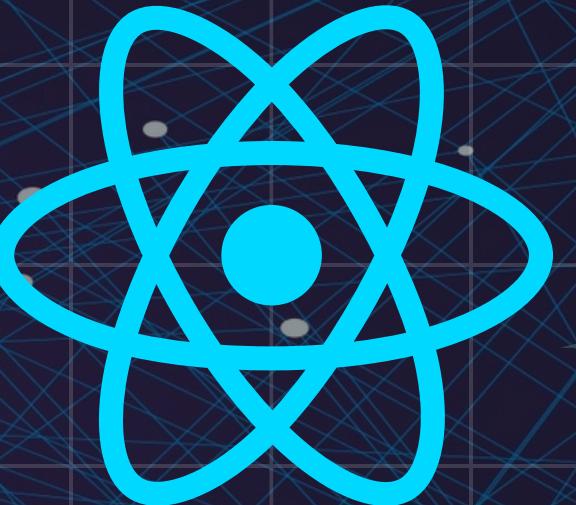
# TechStack Used:

HTML



{.js}

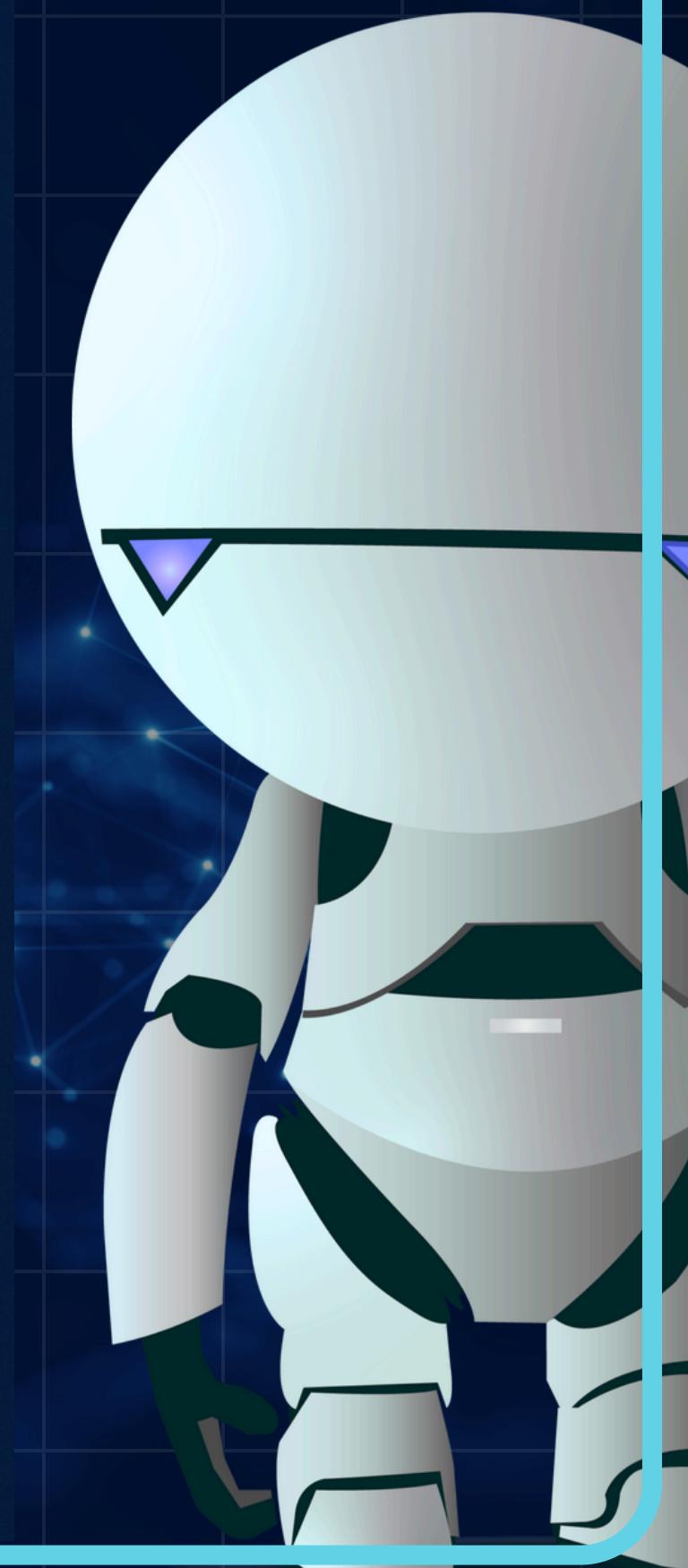
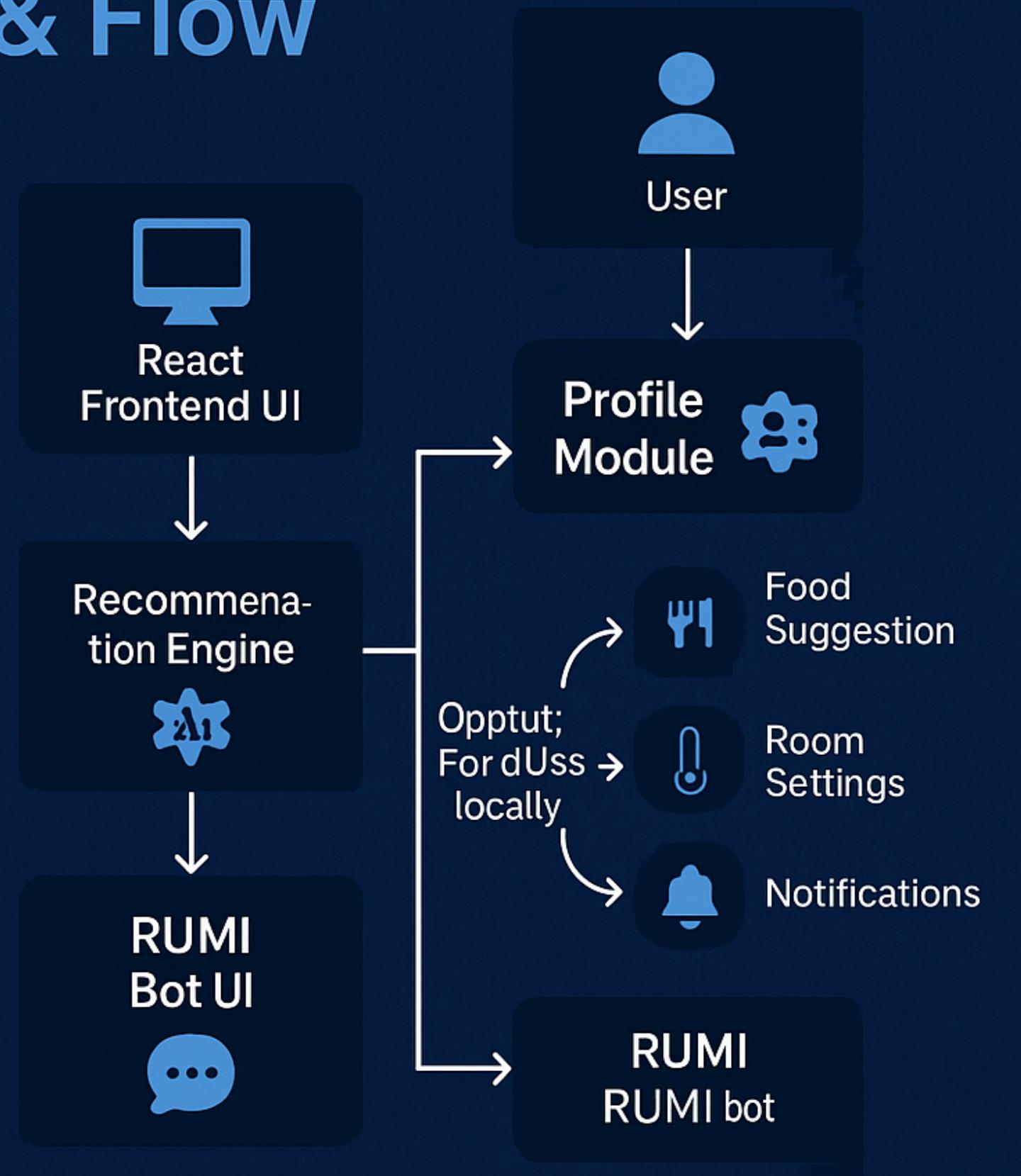
JavaScript



# System Architecture & Flow

## Architecture Description

- User Interface (React Web App)
  - Pages: Home, Profile, Food, Room, RUMI
- Notification Icon & Reminder System
- Profile Module
  - Stores user preferences (food taste, temperature needs, routine)
- Recommendation Engine
  - Logic to suggest food & adjust room conditions
  - Sends reminders (e.g. "Drink Water", "It's Sleep Time")
- RUMI AI Buddy
  - Saves user profile and settings locally
- Local Storage (for now)



# What's Cooking Next at RoomMitra.AI?



Integration with  
Smart IoT Devices



Advanced Nutrition &  
Fitness Tracking



Voice Assistant  
Integration



Social & Community  
Features



Emergency &  
Health Alerts



Multi-language Support  
with Local Dialects



Gamification &  
Rewards System



Extended Parent  
Companion Features



# Roadmap : From Missing Home to Making One in Code

## Stage 1: Idea to Interface

🏠 Felt the need while living away from home.

Missed reminders like: "Shanti, did you eat?" or "Take rest, beta."

Realized: What if a bot could care like home does?

## Stage 2: Idea to Interface

🧩 Defined 3 personalization pillars:

🍴 Food Preferences

🌡️ Room Environment

💡 Emotional Support via RUMI

✍️ Designed user-friendly UI with React.js



## Stage 3: Refinement & Realization

- Added bell icon 📡
- Daily reminders implemented
  - "Drink water"
  - "It's sleep time"
- JS 🖥️ Designd routig UI with React.js



## Stage 4: Notification System

- Added bell icon 📡
- Implemented daily rminders:
  - "Drink water"
  - "It's sleep time"
- Made it interactive and caring



## Now: Presenting with Purpose

- Not just a tech projecct...
- But a compassionate companion
- Built from real emotion and daily struggle.



But more than a project — it's my safe space, shared with others.



From being away from home to building a little home within code...



# Thank You!