HỒ SƠ DỰ THI

IKI VILLAGE
IKI Living OS

Nhóm
2PM

Designing IKI Living OS

IKI WeTIME

Multi-Generational Family Living

FINAL ASSIGNMENT





THÍ SINH

Sinh viên

QUYNH TRAM

KHANH TRUNG



Parents  Distraction

Children  The fracture

Grandparents  Loneliness

How can technology not just be a tool to control inanimate devices, but become an **"operating system"** that **connects emotions**, pulling members away from their personal screens to **focus on each other?**

IKI WeTIME

CHALLENGE OVERVIEW

Presented by 5 PM

Tech Habit

High tech barriers.

Expectations

Minimalist interface.



GRANDPARENTS

Fear of bothering their busy children.

Tech Habit

Highly proficient with smartphones.

Expectations

Hands-free home management



PARNENTS

High work pressure.
Lack of quality time.

Tech Habit

Digital natives

Expectations

Respected private space.



CHILDREN

Interrupted privacy

IKI WeTİME

USER CONTEXT

Presented by 5 PM

Pains

Generation Gap

- Tech exclusion for elders
- Communication barriers
- Elder loneliness

Lack of Emotional Connection

- Missed family moments
- Together but apart
- Automation replacing care

Gains

Bridging the Gap

- Simple tech for all ages
- Better communication
- Family support & coordination

Restoring Connection

- Family activity reminders
- More quality time
- Human-centered care

IKI WeTIME

PROBLEM STATEMENT

Presented by 5 PM

3 PILLARS

01 TECH FOR EVERY AGE

Simple & Fair



What it fixes

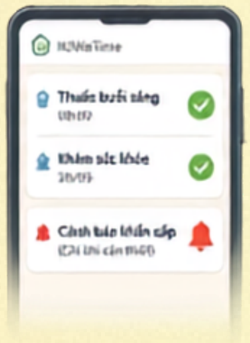
Grandparents being locked out of smart home technology

The value

Replaces complicated screens with big buttons and simple Vietnamese voice controls so older family members can feel independent and comfortable

02 SOFT CARE, NOT SURVEILLANCE

Safe & Private



What it fixes

Heavy mental stress for parents and a lack of privacy for elders/kids

The value

Uses smart alerts only during emergencies to keep everyone safe while respecting personal space



03 TECH THAT CONNECTS

Warm & Present

What it fixes

Family members sitting together but staring at separate phone screens

The value

Uses the smart home environment to help everyone put down their phones, celebrate traditions, and talk to each other naturally

THE IMPACT

- MORE CONNECTION
- BETTER SUPPORT FOR ELDERS
- STRONGER FAMILY BONDS

IKI WeTIME

PRODUCT CONCEPT

Presented by 5 PM

1 SMART SPACE AUTOMATION

Automatically configures and **transforms the kitchen/dining area's** physical environment based on a set schedule via **Bluetooth/IoT**

2 DIGITAL FOCUS ZONE

Synchronizes family members' device statuses within the dining area to minimize digital distractions

3 ON-DEMAND RITUAL PACKAGES

Quick Connection (Morning): Lighthearted **icebreaker topics** to break the morning silence

Deep Connection (Weekend): Dinner **mini-games**, deep topics, and a "Family Mailbox" for sweet notes

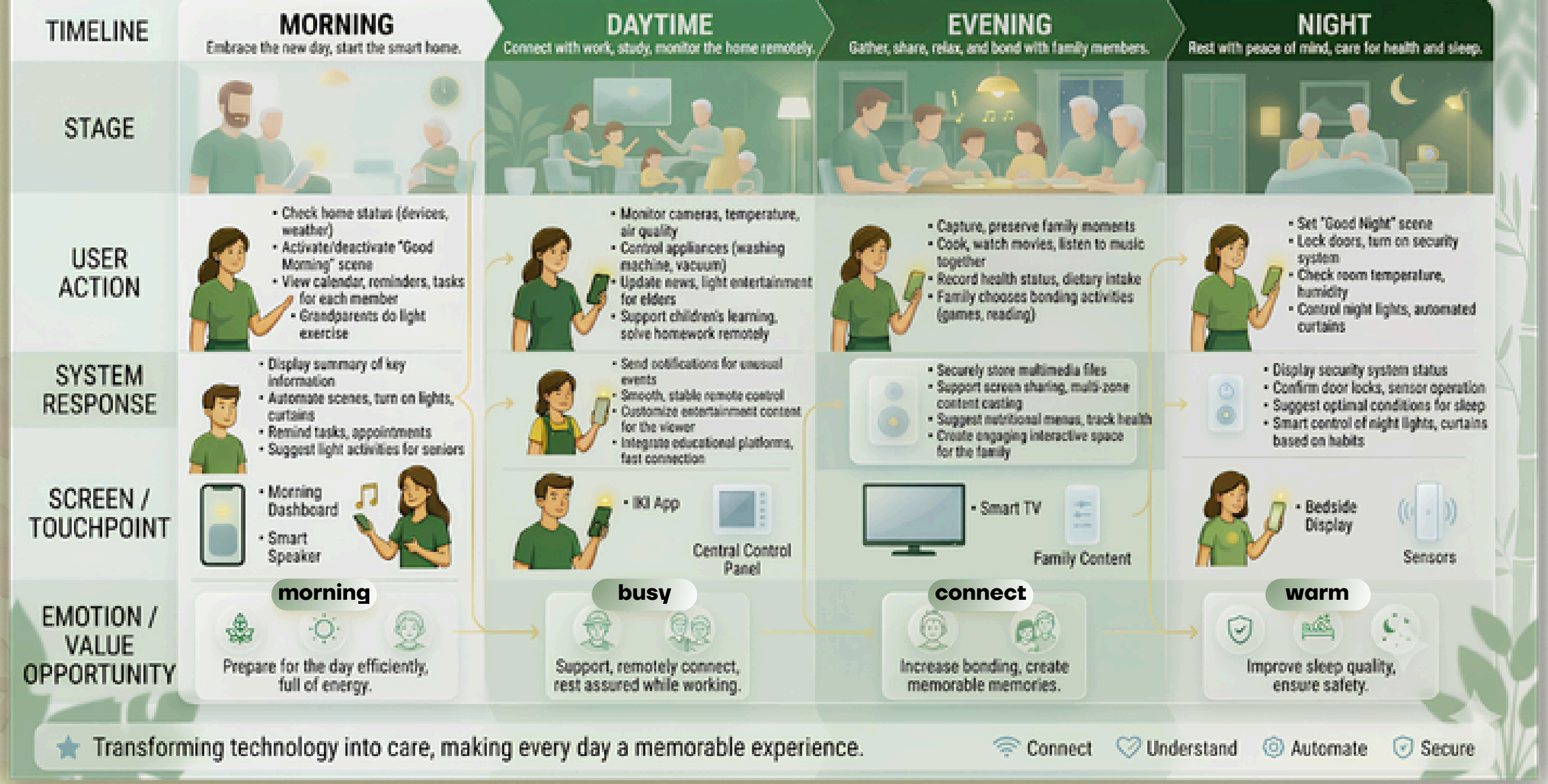
Co-cooking (Pre-dinner): Energetic **music and light** task assignments 30 minutes before eating

Modular interaction scripts that families can toggle via the app **based on their mood and time**

IKI WeTIME

CORE FEATURES

Presented by 5 PM



IKI WeTIME

UX ROADMAP

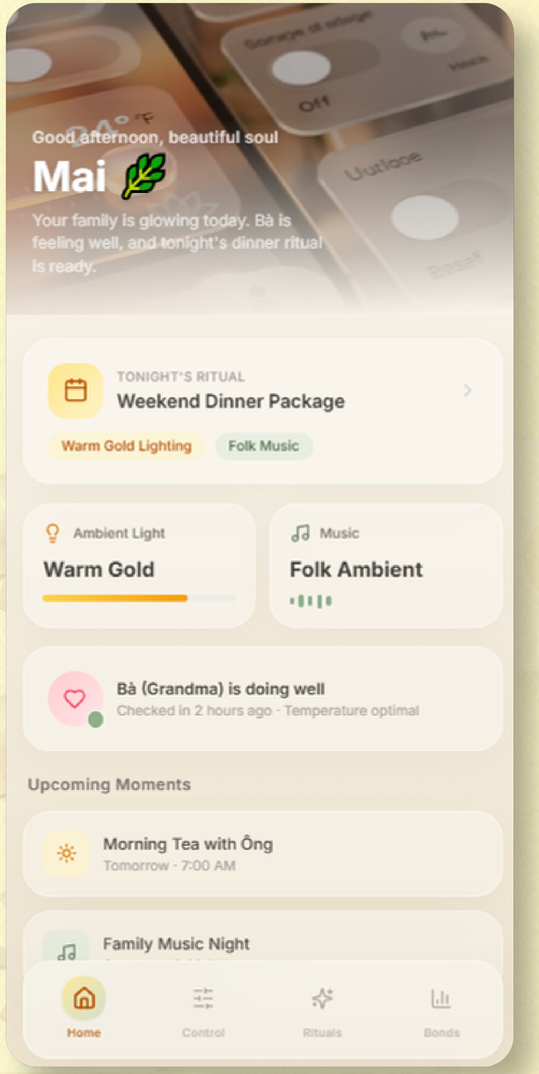
Presented by 5 PM

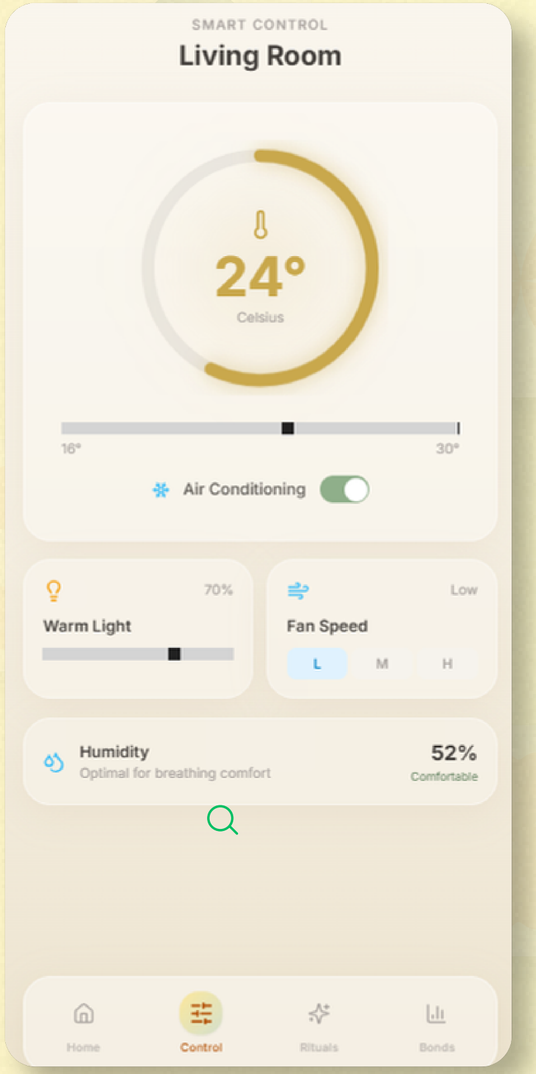


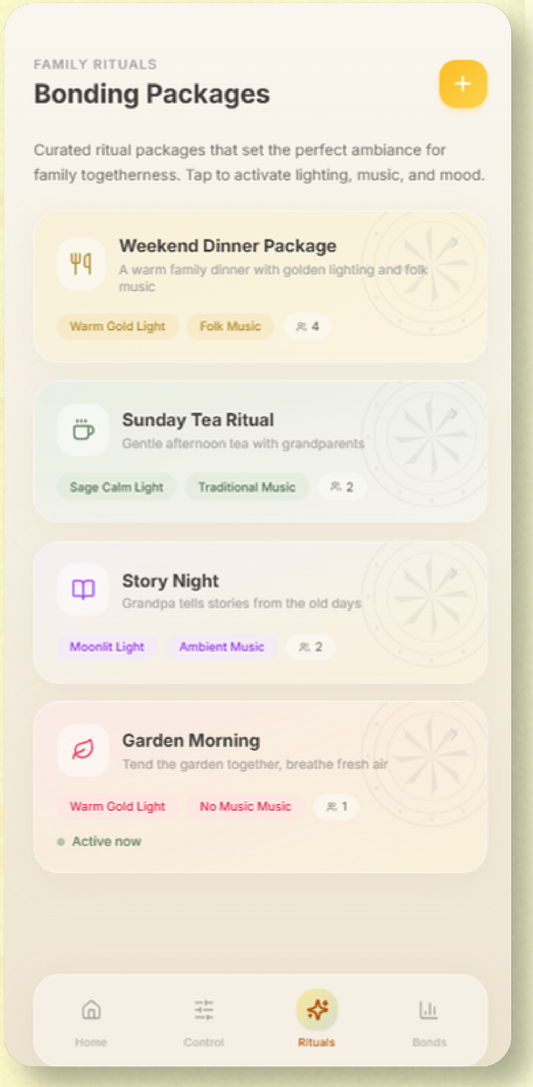
IKI WeTIME

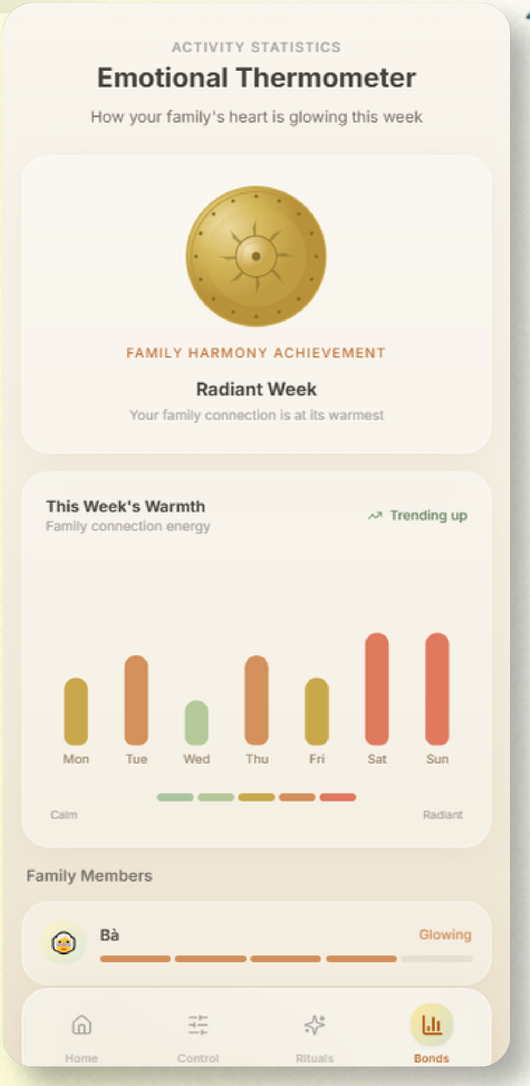
MAIN SCREENS ARCHITECTURE

Presented by 5PM









IKI WeTIME

UI MOCKUPS

Presented by 5 PM

1 IOT INTEGRATION

Easy Connection with Existing Smart Devices

Works with What You Have

Compatible with Philips Hue, Xiaomi, Tuya via Matter system. No new hardware needed

Smart Detection (BLE)

Uses Bluetooth to auto trigger dinner setup when members sit near the table

2 VOICE CONTROL

No Screens Needed:

Older family members often find smartphone screens confusing. IKI WeTime includes Vietnamese voice control.

MANAGING PRODUCT RISKS 3

The Risk: Young members might feel annoyed if the app automatically blocks their phone notifications during dinner

The Solution: We do not force them. Instead, we use a friendly game system. When the family spends phone-free time together, they earn points to unlock fun family rewards or badges

IKI WeTIME

FEASIBILITY

STEP 1:
MULTI-GENERATIONAL UNDERSTANDING
3-GENERATION VIETNAMESE FAMILY

Deep research on 3-generation Vietnamese families, overcoming 'digital loneliness'



STEP 2:
HUMAN-CENTERED PHILOSOPHY
GENTLE TECHNOLOGY

Tech is an assistant, not a 'boss'. Empowering family choice



STEP 3:
EMOTIONAL INNOVATION
REMOVE KPIs & PERCENTAGES

Remove metrics that create pressure. Emotional 'togetherness' & wellness chart



STEP 4:
PRACTICALITY
EASY INTEGRATION

Safe in-home storage. Integrate with existing hardware



STEP 5:
BEST UI/UX
EMOTIONAL DESIGN

Large font layout, large buttons for seniors. Modern, premium green tone



Principle to Innovation

Feasibility to Design

Feasibility to Design

IKI WeTIME

RUBRIC FIT

Presented by 5 PM

Presented by

SPM

PRODUCT MANAGMENT

More than an OS for the house, IKI WeTime is the OS for family moments.

THANK YOU FOR FOLLOWING