

Kampung Ria

How might we support caregivers of patients with dementia so they have the strength and wellbeing to make the most of their time together with their loved ones?

The Challenge

Dementia is a growing public health concern, with cases projected to rise sharply in coming decades. It is a degenerative condition that not only affects the patient, but also the family and caregiver, who must accommodate behavioural and physical needs, as well as the emotional burden of experiencing personality change and memory loss.

While much research has focused on the medical management of dementia, the daily experiences of patients and caregivers often remain underexplored. Caregivers face physical, emotional, and financial burdens that can lead to burnout, reduced well-being, and even compromised care quality for the person with dementia. In Singapore, cultural expectations, limited respite options, and fragmented community support can further intensify these challenges.

The Solution

"Kampung Ria" provides interventions that improve caregiver resilience and wellbeing, as well as patient quality of life. Our solution aims to close the gap between existing services and actual caregiver needs, informed by direct voices from caregivers and people living with dementia.

Kampung Ria is a dementia-friendly community hub designed as a vibrant, welcoming 'utopia' for people living with dementia and their caregivers. Modeled after a lively kampung (village) atmosphere, we combine safety, familiarity, and stimulating activities in one accessible space. Offering themed activity rooms, hobby areas, a caregiver respite café, and on-site support staff, Kampung Ria enables caregivers to confidently drop-off their loved ones for regular sessions or ad-hoc breaks.

Complementing the physical hub is the "Kampung Ria Companion App", a digital platform that connects caregivers, patients, and service providers. The app allows caregivers to:

- Book and manage respite or activity sessions at Kampung Ria.
- Receive real-time updates and notifications about their loved one's activities and well-being.
- Access educational resources and community support groups.
- Log care needs, preferences, and incidents to help staff deliver personalised care.

The Impact

By integrating a physical community space with a smart, caregiver-centric app, we aim to reduce caregiver stress, enhance patient engagement, and foster a stronger sense of connection within the dementia care ecosystem.

For persons living with dementia, Kampung Ria provides stimulating, personalised activities that can slow cognitive decline and improve mood, whilst allowing caregivers to relax with peace of mind. This blend of physical and digital support transforms caregiving from an isolating responsibility into a shared community effort.

Vote!

Vote for us to help caregivers regain resilience, wellbeing and joy during their years spent caring for loved ones with dementia.



The Design Team

Chia Yao An, Kendrick - Office of Patient Engagement (OPEN)
Taye Shi Min Charmaine - Office of Patient Engagement (OPEN)
Tay Lip Shin Jasmine - Office of Patient Engagement (OPEN)
Rahmahwati Bintie Rahmat - Office of Patient Engagement (OPEN)
Kata D/O Narayanasamy - Office of Patient Engagement (OPEN)
Andy Kwan - Office of Patient Engagement (OPEN)
Alfonse Ooi Kong Cher - Office of Patient Engagement (OPEN)
Angie Lau Loke Yee - Temasek Polytechnic, School of Design
Charliz Ang - Temasek Polytechnic, School of Design

WELCOME TO Kampung Ria

A Place for Dementia Joy & Respite, bringing care, connection, and peace of mind to dementia patients and their families.

Kampung Ria is a Disneyland-inspired haven with creative activity zones, a caregiver lounge, and a seamless drop-off experience, paired with an app - Kampung Ria Mobile

Kampung Ria Mobile allows for accessibility and also an emotional companion for the caregiver community. The app also helps for better scheduling and bookings, as well as allow caregivers to know about coping with dementia loved ones.

A place where dementia is no barrier to joy, connection and peace.

Kampy and Riri both felt helpless in their situations. With loads of emotional stress, they found Kampung Ria! Here's what happened.



Reponses of caregivers from our team!

- I like the focus on providing support to the caregiver!
- I would bring my mum here, i feel that it would really help her stay positive and involved in a community.
- I like how this solution takes care of both parties, feels very intentional and as a caregiver i feel loved and heard! Amazing.



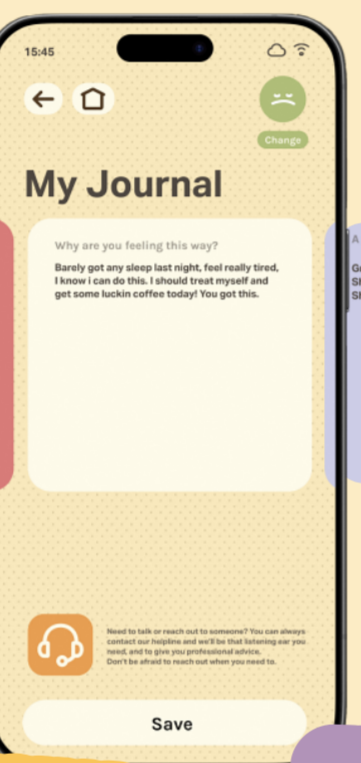
Kampung Ria Mobile App Features!



Scan to see Kampung Ria Mobile Prototype Video!



Voice record feature for preferences



Ending things on a good note.

AN EMOTIONAL COMPANION

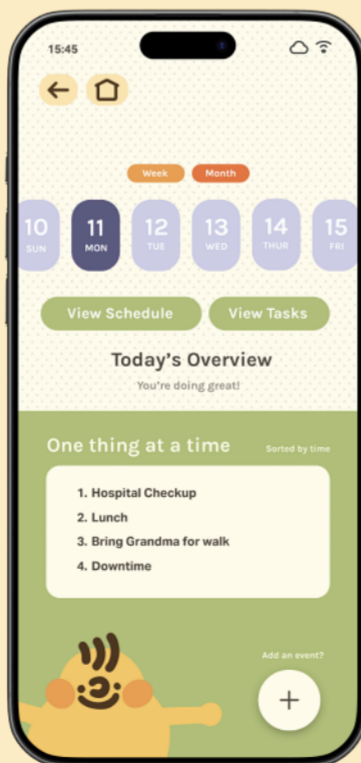
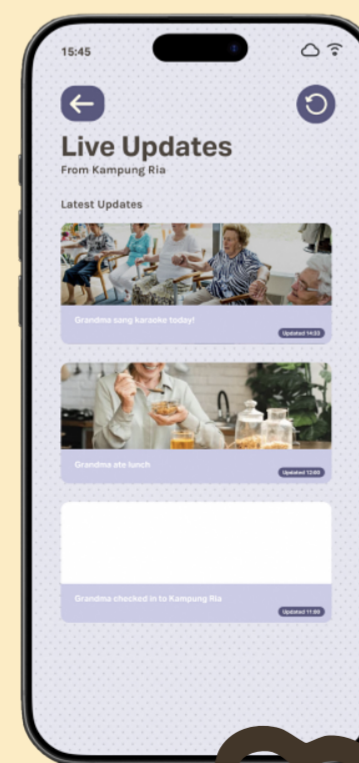
FRIENDLY INTERFACE

#EFFICIENCY
#COMMUNITY
#EDUCATING
#PEACE OF MIND



My Mum has been throwing more tantrums lately, and I have tried everything I know, any tips on how to deal with this? I feel quite helpless...

I feel so burnt out, how did you guys cope with being a caregiver? I do need some tips!



RIRI the beloved caregiver!



KAMPY, our loved ones with dementia



Kampung Ria! (This is a virtual mockup of the physical space)

Kampung Ria provides a supportive environment through three main spaces: a lounge for caregivers to rest and connect, a café offering community, encouragement, and employment opportunities, and activity rooms that facilitate music/karaoke, memory-making, and hands-on workshops for engagement.



Scan to see the video showcase of Kampung Ria!



A board for encouraging sticky notes! Located in Cafe!



TEAM NAME: HEARME
Chia Yao An, Kendrick. Angie Lau Loke Yee. Charliz Ang. Taye Shi Min Charmaine. Tay Lip Shin Jasmine. Andy Kwan. Rahmahwati Binte Rahmat. Kala D/O Narayanasamy. Alfonso Jevohn Ooi.