

MEng Innovation by Design



2019/2020 Ideate-Prototype-Realize

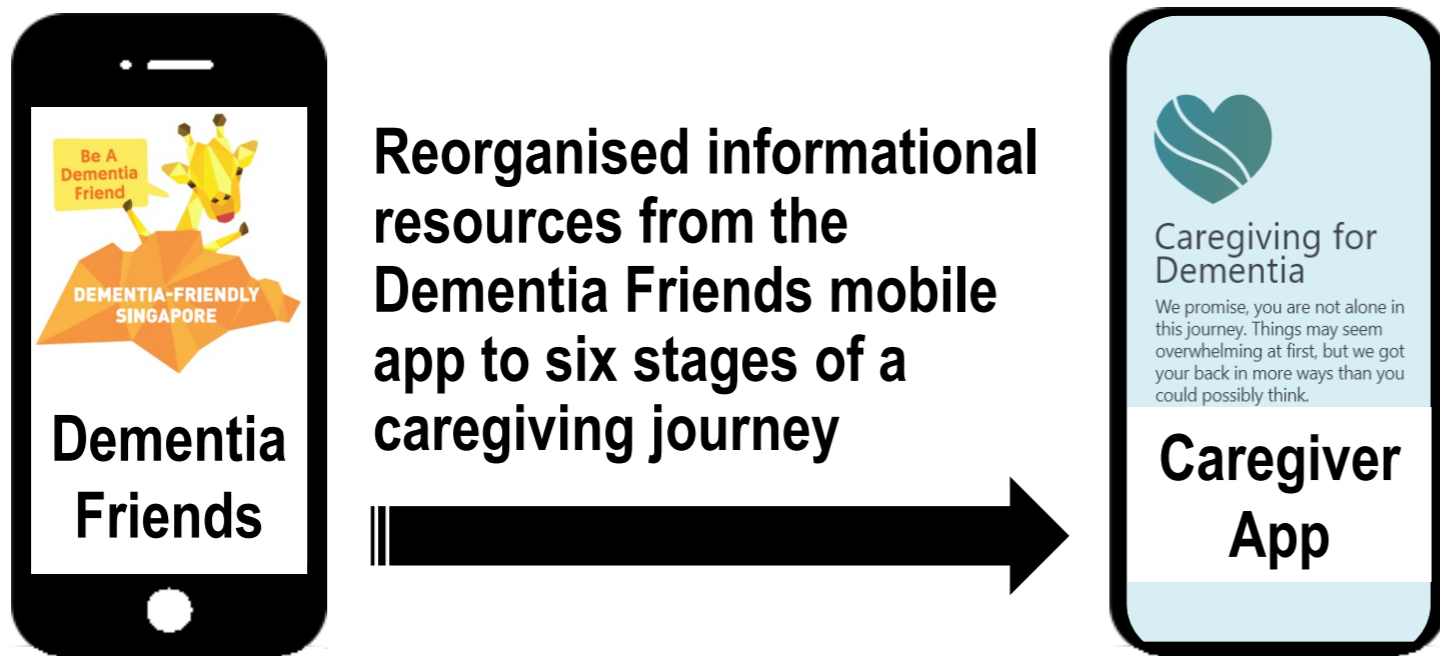
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Harnessing Mobile-based Technologies for Caregiving of Persons with Dementia



(Source: AgingWell Hub and Caregiver Action Network)

Information and support services are mapped to the different stages of a caregiver journey



Prototyped app design

- Caregiver profiling
- Targeted information
- Useful support features



Future development/ Recommendations



This project reviews, builds on and extends the existing Dementia Friends mobile app for different caregiver profiles.



Design Phenomena

The complexity of supporting families of persons with dementia (PWD) encompasses a multitude of issues.

Problem/ Opportunity

An online survey on the use and effectiveness of the Dementia Friends app found that the barriers to access information and support services for caregiving of PWD are due to lack of awareness and features for caregivers.

Desirable Outcomes

Reduce caregivers' burden and improve their capabilities in management of care by matching caregiver needs to informational resources using mobile technologies.

Future Development

A caregiver app that will help caregivers to increase social connectivity.

Reimagining the caregiving journey through co-creation

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