

Findie

Reliable partner for the dementia family

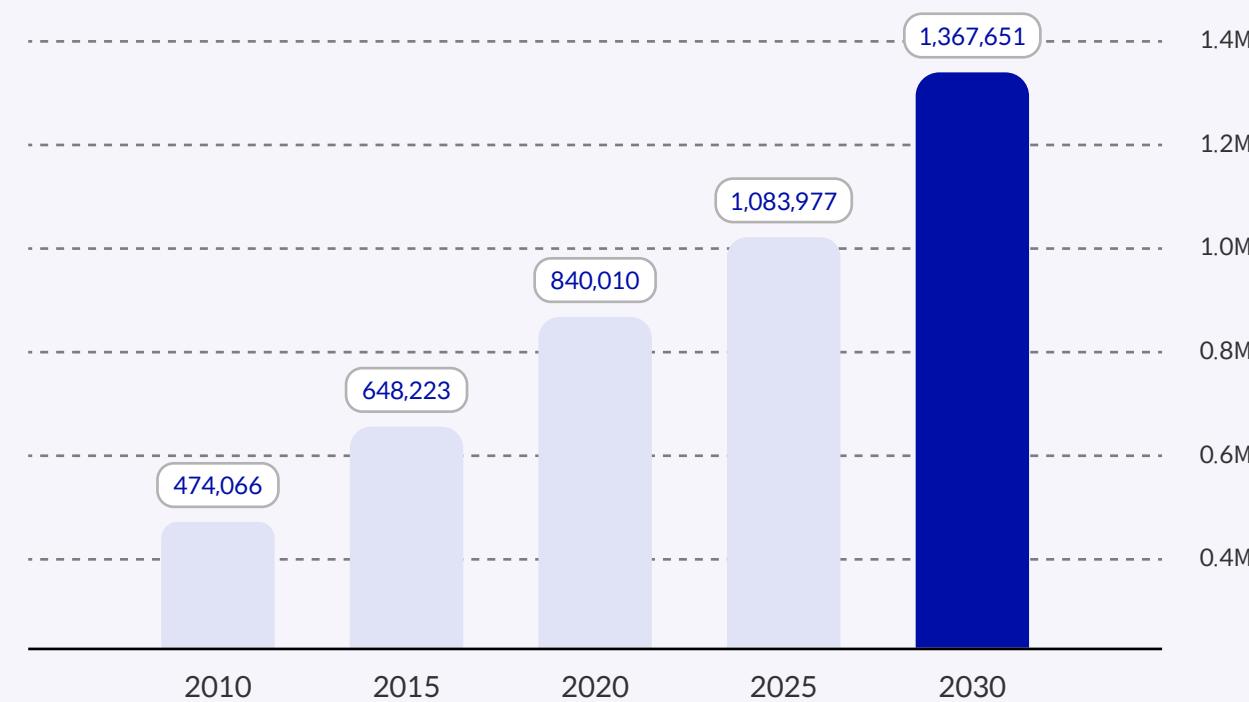
Findie is a service that helps to find missing dementia patients whose number is annually increasing by cooperating machine learning algorithms and public inputs.

When a dementia patient is missing, Findie estimates the locations of the patient and helps the patient found early by providing an immediate alarm to nearby Findies.

Findie also provides educational content to increase public awareness and understanding about dementia. Findie is a platform to create connections between patients, guardians, public and government officials to efficiently help each other. Also, there is a reward system make users keep engaged.

Background

Increasing number of dementia patients(over 65) in S.Korea

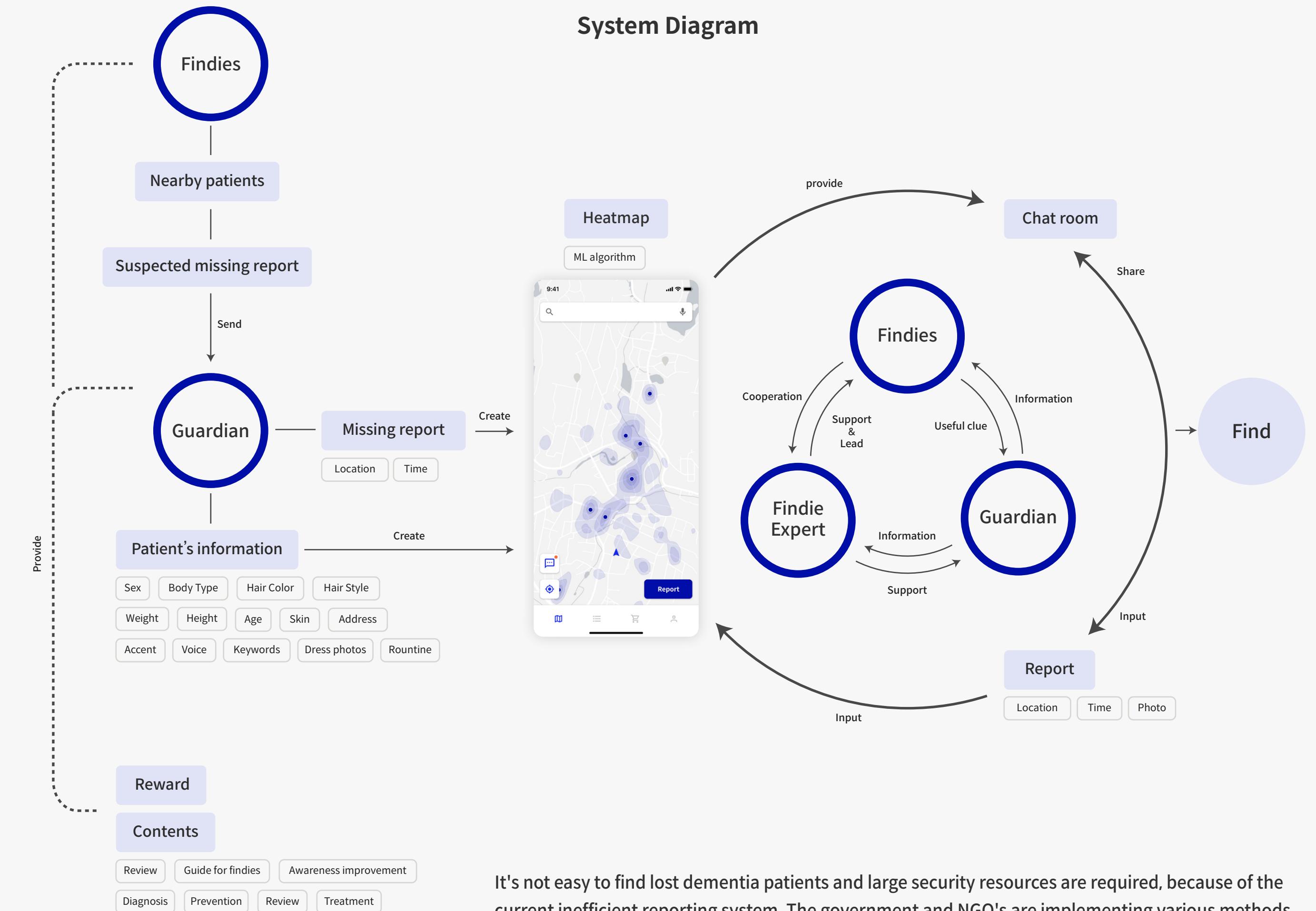


Missing reports of dementia patients in S.Korea



Dementia management is at the top of the social agenda in S.Korea. According to National Institution of Dementia, the number of dementia patients has been increased from 660,000 to 840,000, during last 5 years, also 33 lost cases are reported every day.

System Diagram



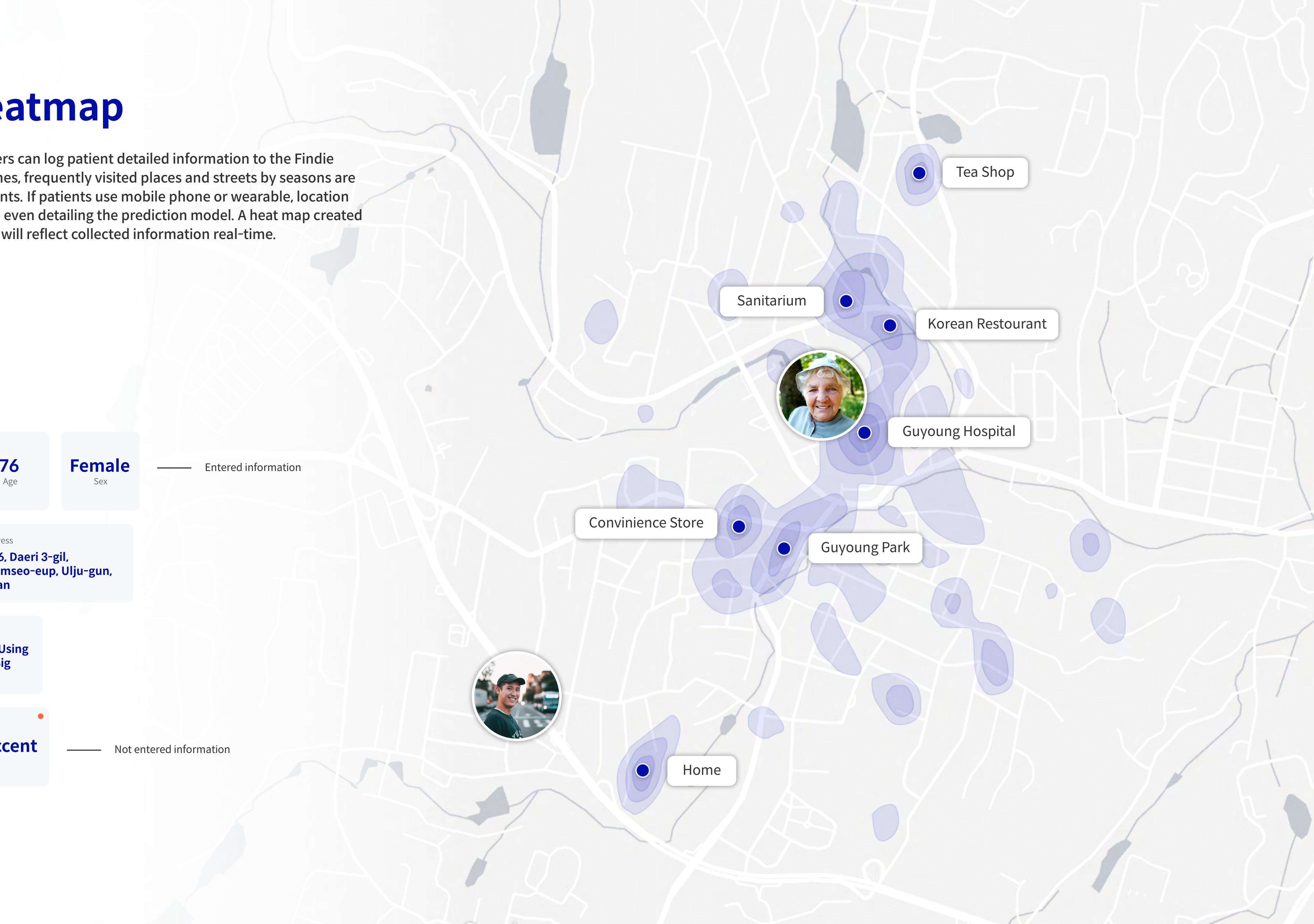
It's not easy to find lost dementia patients and large security resources are required, because of the current inefficient reporting system. The government and NGO's are implementing various methods such as a wearable tracker. However after intense design and ethnographic researches, Findie team found out rapid reports by collaboration with local welfare and security center and community may be the solution for this difficult issue.

Creating Heatmap

Guardians such as family members can log patient detailed information to the Findie with clear guidelines. Daily routines, frequently visited places and streets by seasons are baseline information of the patients. If patients use mobile phone or wearable, location data can be shared with Findie to even detailing the prediction model. A heat map created by a machine learning algorithm will reflect collected information real-time.

Patient's Basic information

52 kg Weight	153 cm Height	76 Age	Female Sex	Entered information
White Hair Color	Half Curly Hair Style	Address 20-6, Daeri 3-gil, Beomseo-eup, Ulju-gun, Ulsan		
Chubby Body Type	Detailed Info Round shaped face, Using a stick for walking, Big nose			
Voice	Skin	Accent		Not entered information

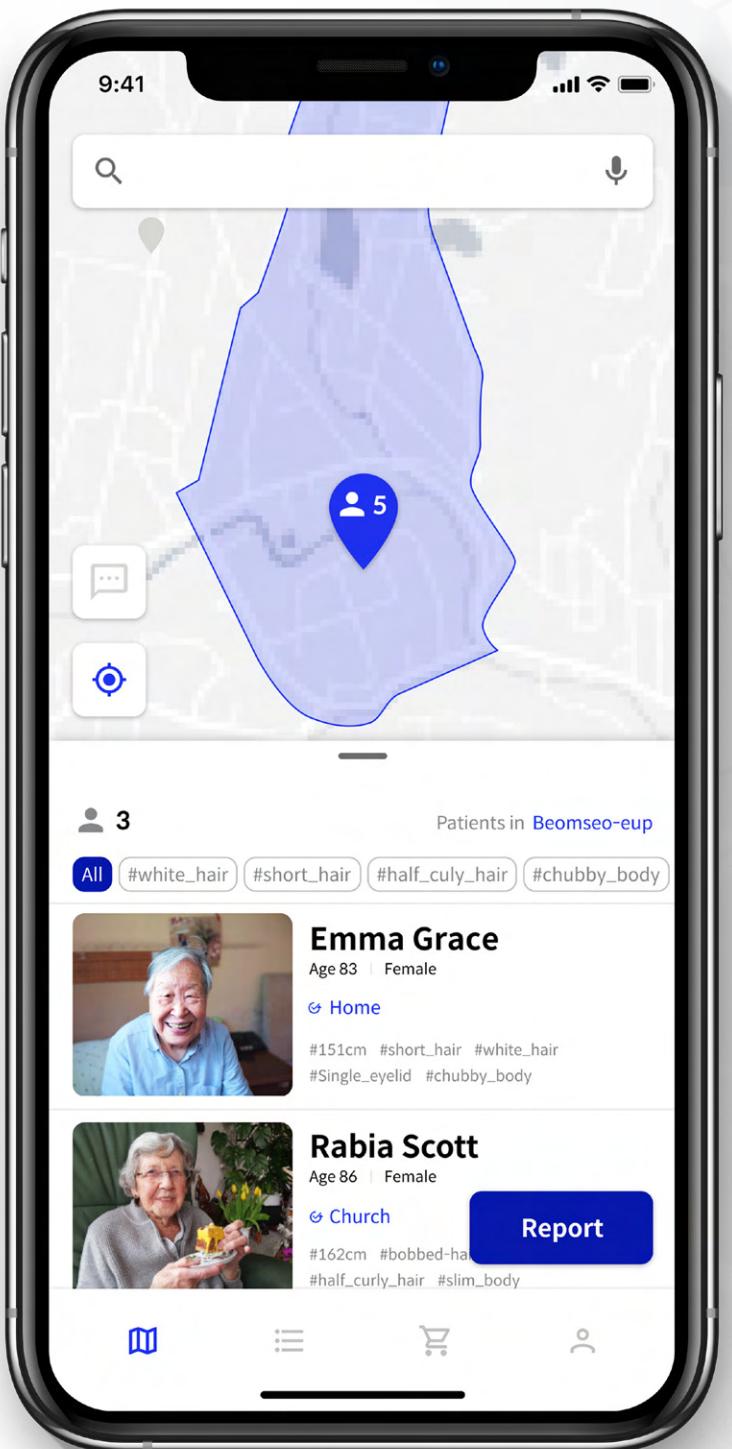


Missing Report Guide

Findie informs the guardian when the patients' activity is different from his registered routine. If there are missing alarm, it will be shared with Government officials, dedicated police officers and local Findies. They will structurally collaborate by Findie lost manual via instant chatroom such as dividing tasks and searching areas. Lost reports will be updated in real time to assist the effective search.

Suspected missing report

Findies also could report suspected missing cases via Findie app. Findie app shows how many dementia patients live near by, allow Findies to care them continuously. Although Findie app doesn't show the exact location to keep the privacy, Findies could still presume the missing case and act promptly.



Robb Gary

Age 77 | Female

Home

#174cm #gray_hair #glasses
#hightone_voice #short_arm



Russell Elisabeth

Age 84 | Female

Hospital

#156cm #bobbed-hair #glasses
#curly_hair #wide_pants



Nicholson Austen

Age 73 | Male

Home

#164cm #white_hair #fedora
#mustache #pointy_ears



Rabia Scott

Age 86 | Female

Church

#162cm #bobbed_hair #white_hair
#half_curly_hair #slim_body



Emma Grace

Age 83 | Female

Home

#151cm #short_hair #white_hair
#Single_eyelid #chubby_body

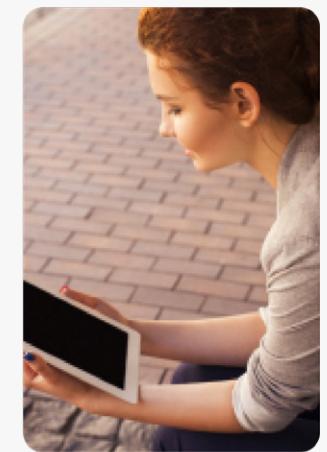
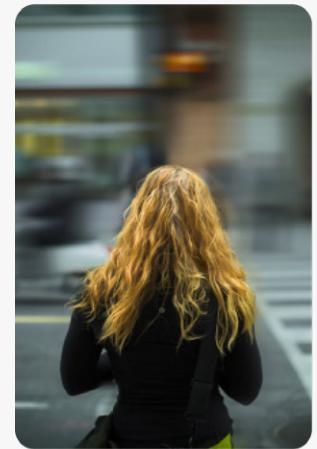
Contents

Findie provides various educational contents to help the public to understand dementia better. Findie education content also help guardians to learn how to safely support patients. Also, Findie shares the best cases of dementia patient care among the users and make the public have a better understanding of dementia. It is not to be hidden, can be managed better by positively sharing with others.

Awareness improvement



Guide for findies



Jigsaw puzzles for dementia patients

Dementia patients can be confident

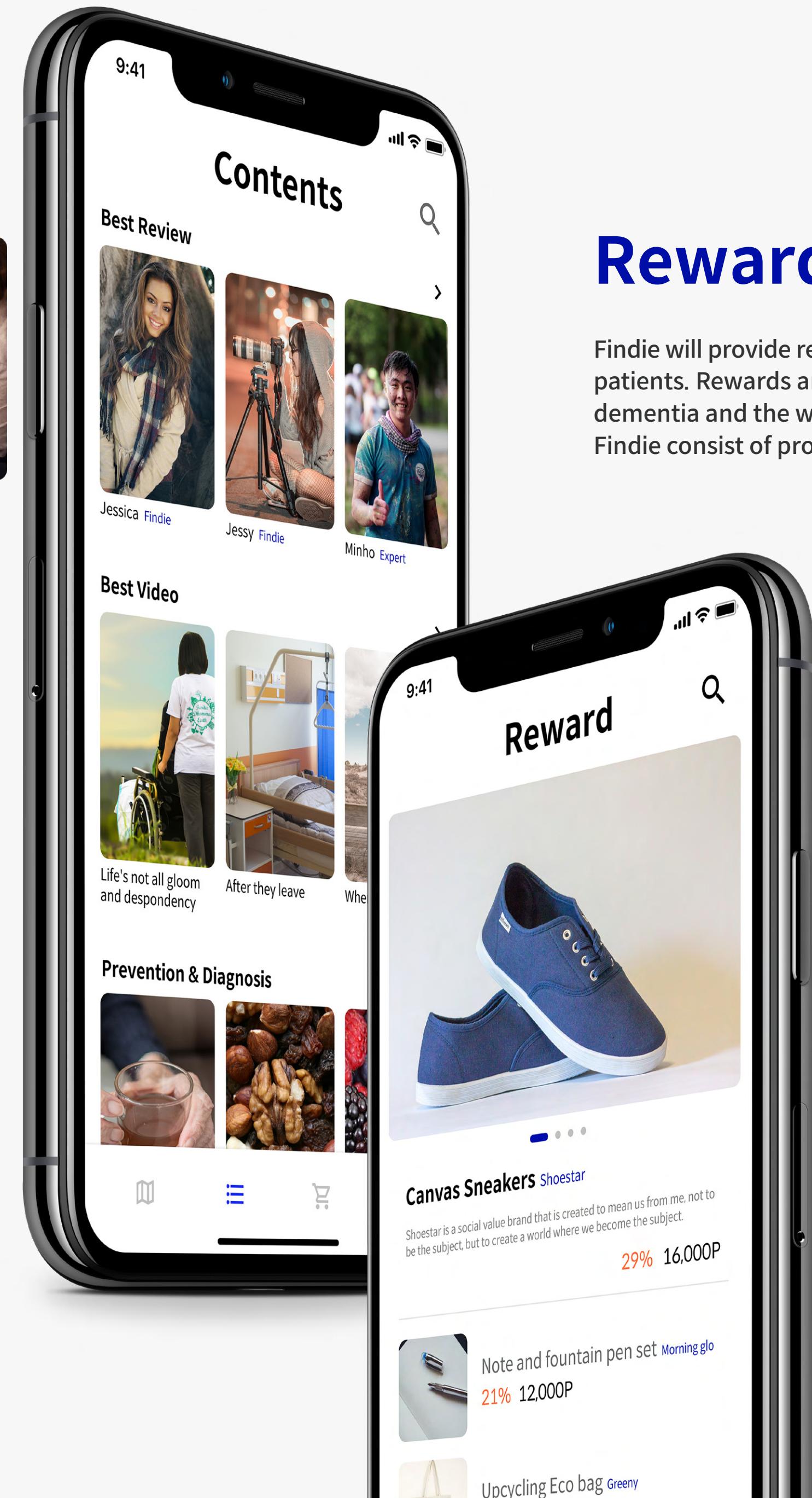
Dementia talking with a friend

Even if I have dementia, I ...

How to find people with dementia ...

The best tips taught by the excellent ...

What features does Findie have?



Reward

Findie will provide rewards to those who help find missing dementia patients. Rewards are prepared from affiliated companies that help dementia and the welfare NGOs of the elderly. The gifts provided by Findie consist of products of social enterprises to close the loop.



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