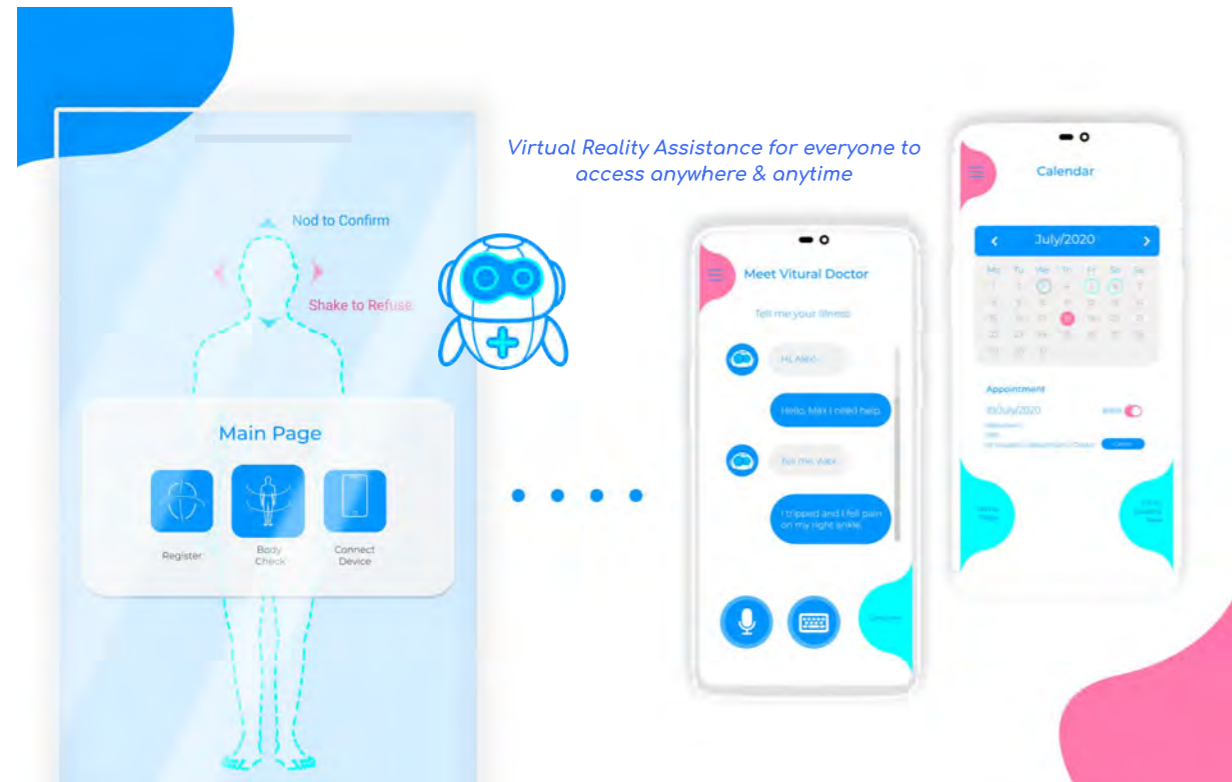# MediMate

by Vorapa Vorapanya, Sheng-chi Huang, Wenjun Ou

Please add a short description of the idea, its goal, what problemit solves, whom it is for,

MediMate is a contactless assistance and application at the hospital to help the patients go through basic check-up before seeing the doctor. The mirror will interact with your hands and head gestures and guide you from register to body's check. It will also scan your vitals such as body temperature, heart-rate, and detect your pain point. All of your information will be kept confidential and it will be linked to your own device. After meeting with the doctor, patient can access their data and further follow up anytime and anywhere through MediMate application.

WHOM IS IT FOR?

People with illness and involvement in the medical care system worry about the hygiene quality of the hospital they have to visit. Also, for medical staff and doctors who working overload due to the COVID-19 situation but need to deal with repeated procedures.

WHY IS IT RELEVANT?

In this unusual situation people have negative feelings along with discouragement and sadness, also the problems of social interactions in public spaces and avoiding gathering. The only hope for them is the front-line healthcare workers, healthcare personnel, and health system. Our project will introduce a possible solutions for the hospital.

WHAT IS NEEDED TO IMPLEMENT THE IDEA?

Smart Mirror - interact with patients and show the result
Google Soli – detect the action of hands and head gesture
Kinect – detect motion and scan patient's body's check
Data platform
Mobile application – connect between the mirror and patients' personal device
Privacy and security system
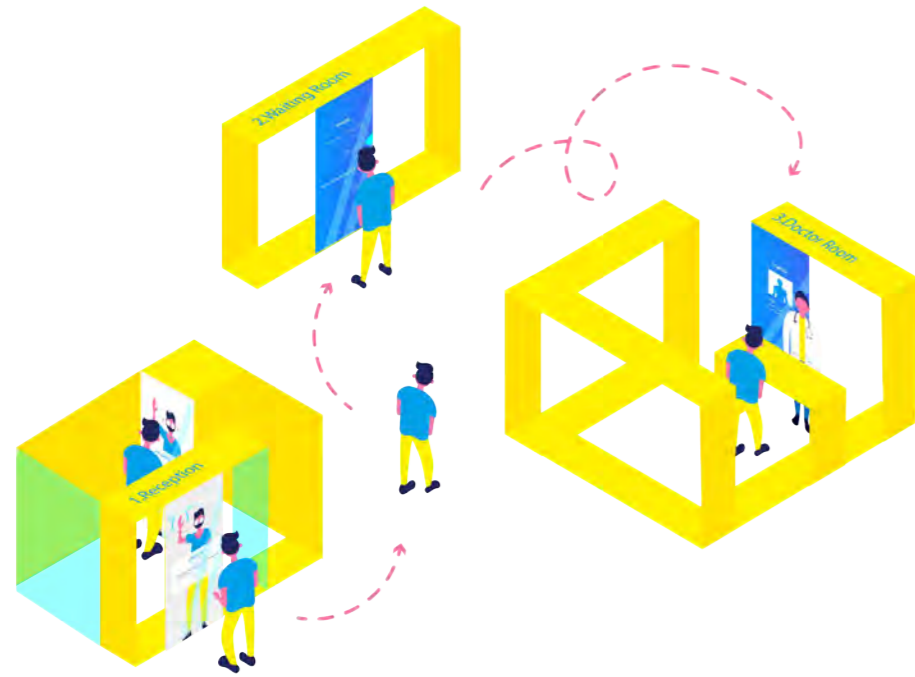
WHO CAN CONTRIBUTE?

UX/UI designer – for mirror and mobile application
Mobile apps developers
Product designer and engineer
Doctors
Medical staff

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The mirror device of MediMate help in whole hospital system

The mirror in hospital lobby help patient with register (public) / body check (semi-public)

Information from the mirror can be connected to your own device

Video / media:
https://vimeo.com/410361736

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