



fear of death (fear of earlier death, fear of a sudden death and fear of dying)

Patients with ESKD consume a disproportionate share of health care resources and experience significant mortality and morbidity and a reduced quality of life

## PAIN

fears frustrations obstacles

Have swelling, particularly of the ankles, and puffiness around the eyes Feel tired or short of breath all the time Not feel like eating

## "WANTS"

1) assist individuals in monitoring their own health conditions, such as heart disease, mental health, and more 2) allow healthcare providers to share and report on a patient's personal health records remotely 3) help keep track of medications Among patients who do not require dialysis, we start by evaluating the duration of the kidney disease

## GAIN

"wants" / needs measures of success obstacles



The awareness of CKD is notoriously low; once CKD has developed, treatment is usually limited until the last remedies of dialysis and renal transplantations are needed for ESPO

early detection of ckd app development is optimizing users' engagement and motivation.

This application is early prediction and proper treatments can possibly

or slow the progression of this disease to end stage.

Don't take a risk but a test to protect your kidneys