PROBLEM
For older adults with memory loss and their caretakers, routine medications can be very stressful due to the risk of health consequences if forgotten.

VALUE PROPOSITION
Pilltender is an automatic medication dispenser that reminds older adults to take their medicines with minimum steps intuitively.

PILLTENDER
Personalized Medication Dispenser

Shadman Abedin, Allison Chou, Celina Hipolito, Will Wang

DESIGN PROCESS

Ideation

Sketches

Usability Testing

Paper Prototype

Pill Pods
Easily scan and store up to 6 different medications that are automatically dispensed when needed.

Interface
Navigate Pilltender's easy-to-use interface with a few taps or voice command to complete any task.

Cup Attachment
Taking medicine is one step with Pilltender's specialized cup attachment that centralizes water and appropriate medications.