Pillbox

An app for medication management

Motivation

- Most everyone has forgotten to take their medication at some point or another. This is particularly seen in elderly.
- As such, there is a need for an easy to use application which would allow a user to be reminded of when and what they should take.

Description

- According to the Department of Health and Human Services, 55% of the elderly do not take medication according to their doctor's orders
- 2/3rds of Medicare recipients have 2 or more chronic conditions, which often lead to complicated medication regimens
- Pillbox will allow for easy medication management and adherence, all while maintaining a simple, senior citizen-friendly design
- This application will be the beginning of a multi-year project to fully develop and test a comprehensive medication management support tool

Possible Features

- Chart showing which pills to take per day and per week
- Pictures of pills and pill boxes
- Speech-to-text to enter medication names and when to take them
- Quick view for paramedics to see which medications patient has taken
- Text message alerts to emergency contacts when medication was not taken

Possible Challenges

- Our target market isn't tech savvy
  - User-friendly and ADA compliant interface
  - Consumer adoption
- Long-term goals beyond this semester
  - Needs to be extensible
- Potential legal issues