

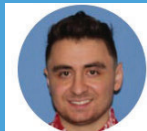


Capstone Design Team 16

Who We Are



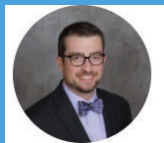
Ravi Chintalapati



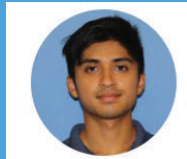
Brian Mehdian



Gaurav Nigam



Stephen Hill MD



Venkat Tummala

Capstone Team 16

- UIUC MBA
 - 2 Students
- Carle Med School
 - 3 Students

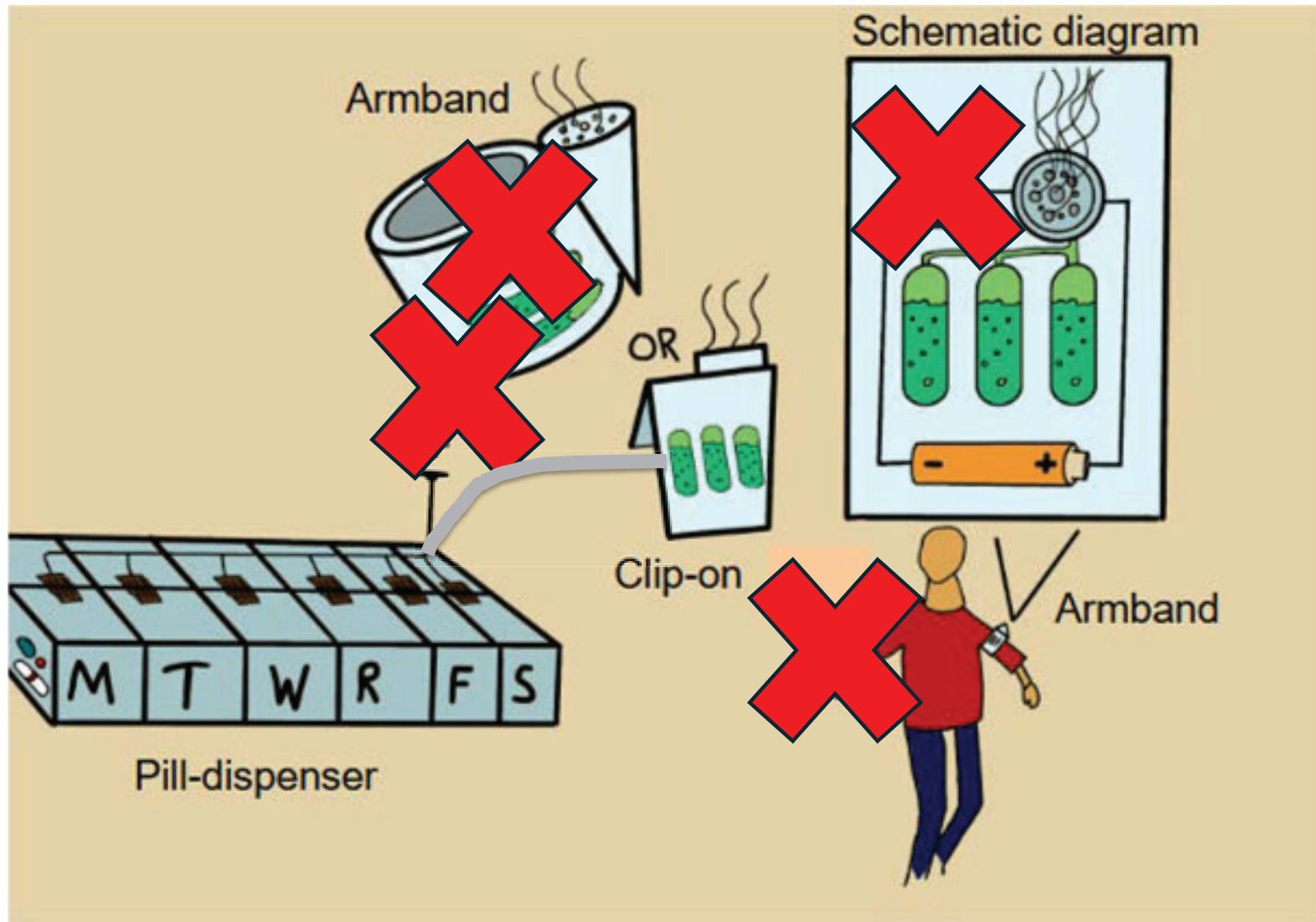
Problem

- 1 in 4 adults miss medications
 - Complex instructions
 - Simple forgetfulness
- Seniors and other adults can struggle with complex apps



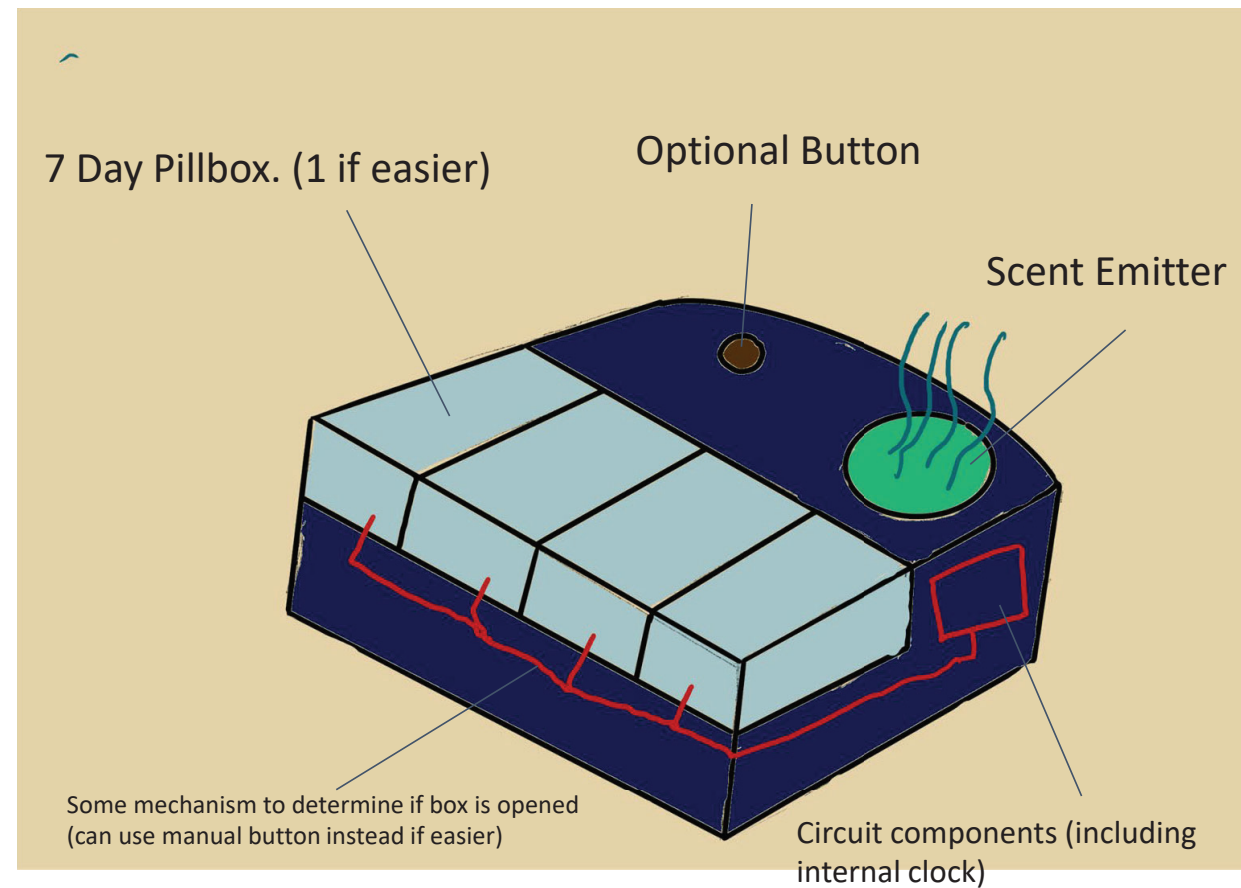
Our Vision: Adherascent

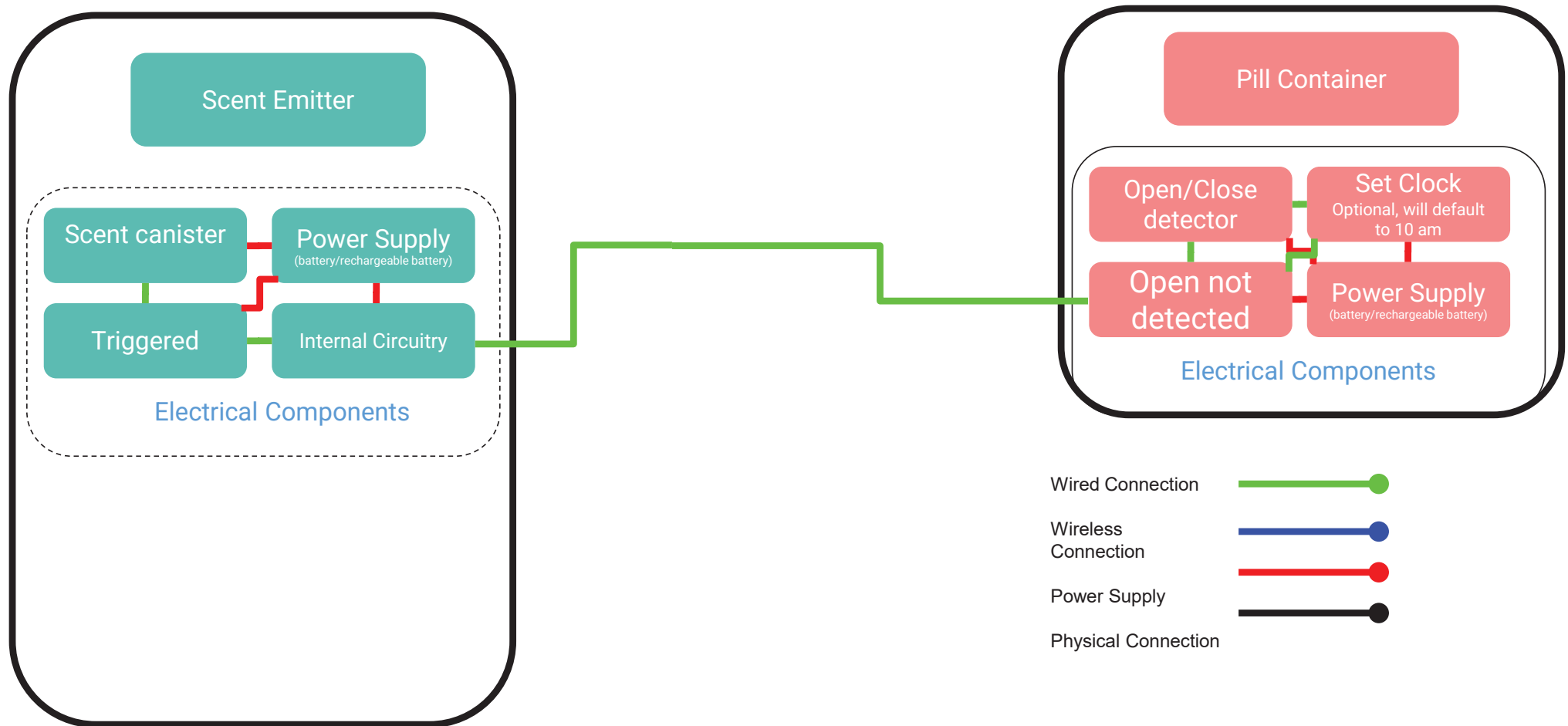
- Smart pill containers
- Wearable
- ~~Mobile App~~
- ~~Bluetooth Communication~~



Updated Design

- Greatly Simplified
- A module that detects if the box has been opened by 10 am each day.
- Releases scent if no opening by 10 am.
- Lots of room to simplify further





The Ask

We're looking for a Senior Design Team to help us with...

- Designing a pill container which can detect a simple open-close motion.
- If the open-close is not detected, it will trigger a scent emission
- No app functionality or advanced programmability needed at this time.

The Give

We can help with

- Large budget for expedited schedule and purchasing of materials
- Flexible availability for check-in meetings.
- Have a strong understanding of what needs to be done.

Questions?



Adherascent

Scent Based Medication Reminder System

Please take a picture of this slide and reach out if you want to join/learn more! We are eager to work with you!

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bmehdi2@illinois.edu

We will also try to forward an email to the class after this meeting.