

Electronic Pill Box

Capstone project – Introduction

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Project Information

- ▶ Project name: **Electronic Pill Box**
- ▶ Project code: **E-Pill**
- ▶ Product type: **Product supports take medication at home**
- ▶ Timeline: **from August 2012 to December 2012**

Purposes

- ▶ The first purpose is to fulfill the requirements from FPT University studying program
- ▶ The second purpose is to create a complete product for going to life.

Project Team



Dr. Phan
Duy Hùng
Supervisor



ThanhCM
PM

TâmNTT
CM/Tester



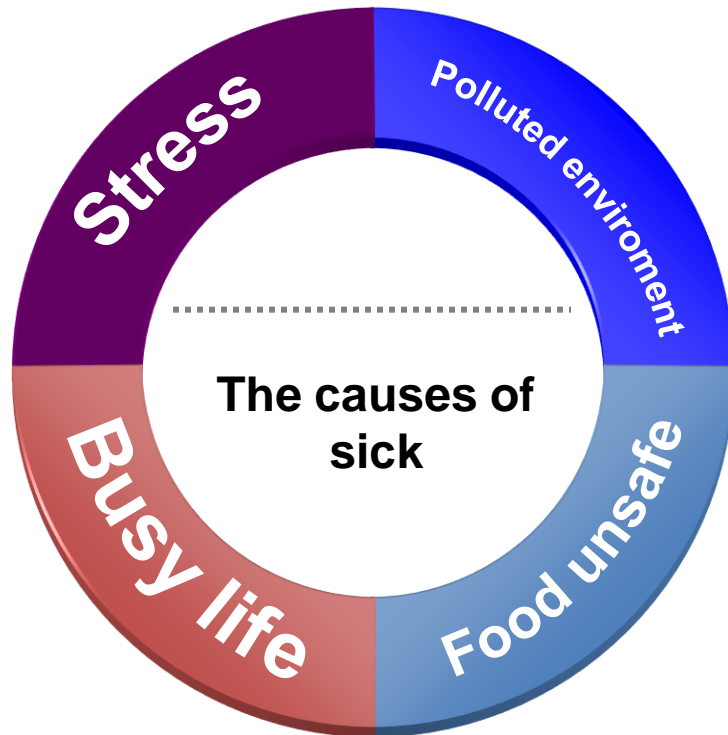
TinhNV
Dev



BinhNH
Designer/Dev



Background



Treatment

- ✓ Drinking medicine on time
- ✓ Drinking right dosage medicine

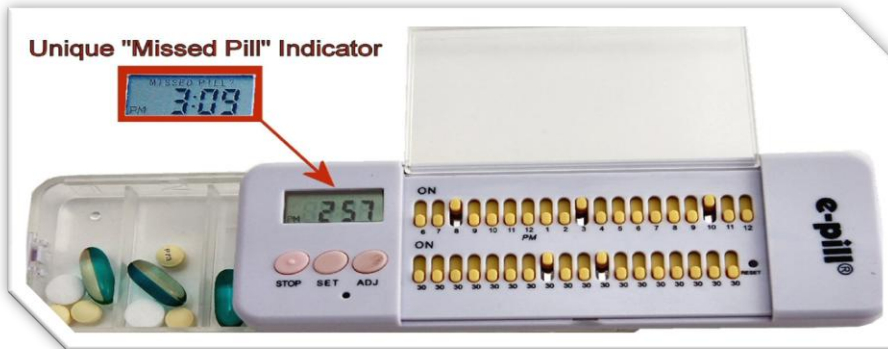
Background (cont)



Who need this product ?

- ✓ Everyone can forget take pills
- ✓ We focus on Older People

Existing Products



Although inexpensive and portable, many devices such as these do not meet the demand of the modern market

Existing Products(cont)



Med-Time Automatic Pill Dispenser and
Phillips Medication Dispenser(PMD)

❖ High cost (200 \$ – 800 \$)

Link :

<http://www.epill.com/>

<http://www.managemypills.com/content/>

❖ Unpopular in Viet Nam.

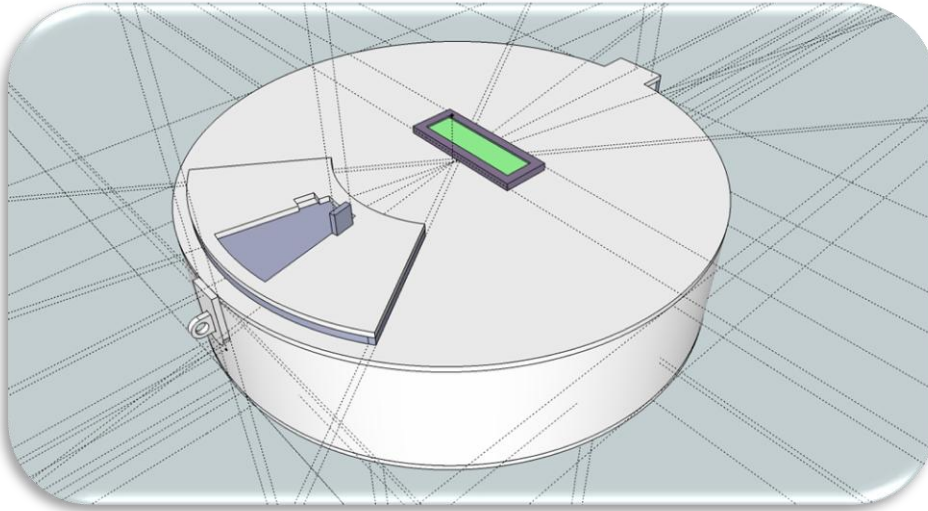
Project Definition & Scope

- The team will design and build an electronic pill box
- The pill box will be developed with existing technology for the design and implementation of the project.

Project Definition & Scope(cont)

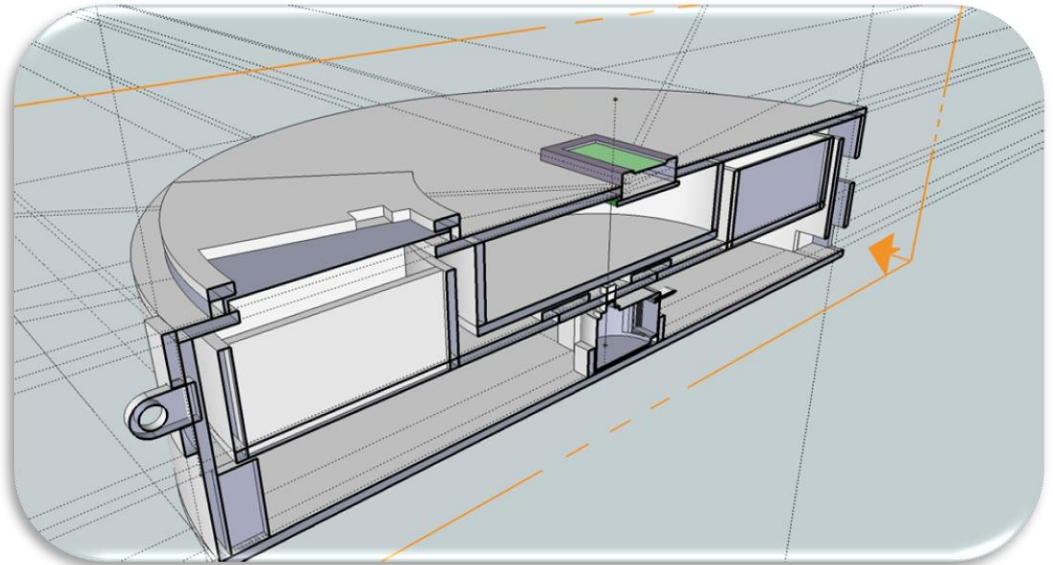
- The end goal is not to develop any new technologies associated with current manufactured dispensers.
- Rather, the goal is to design a unit with the same basic functionality, but for a much cheaper price.

Project Expectation

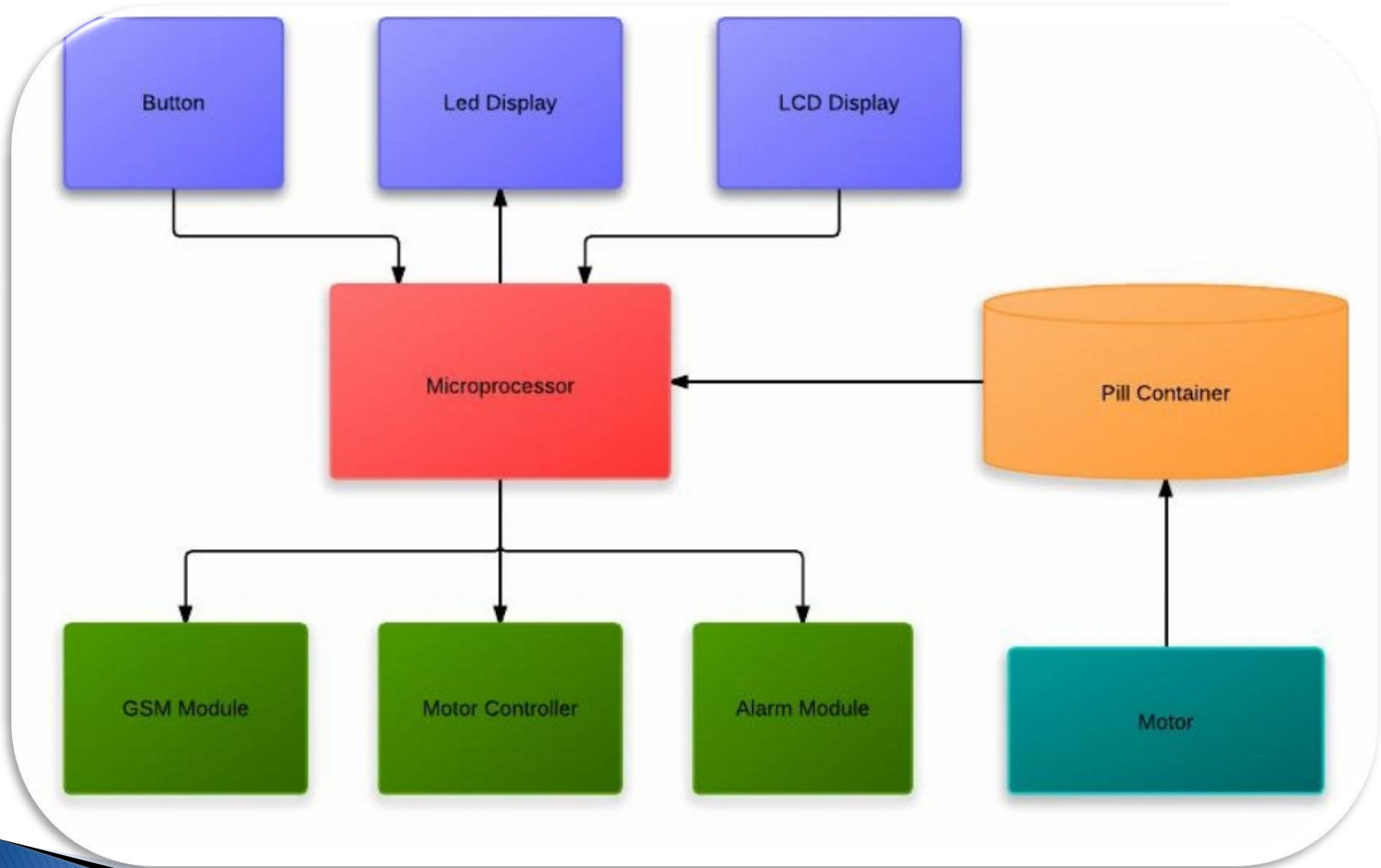


Design overview

Cross plane

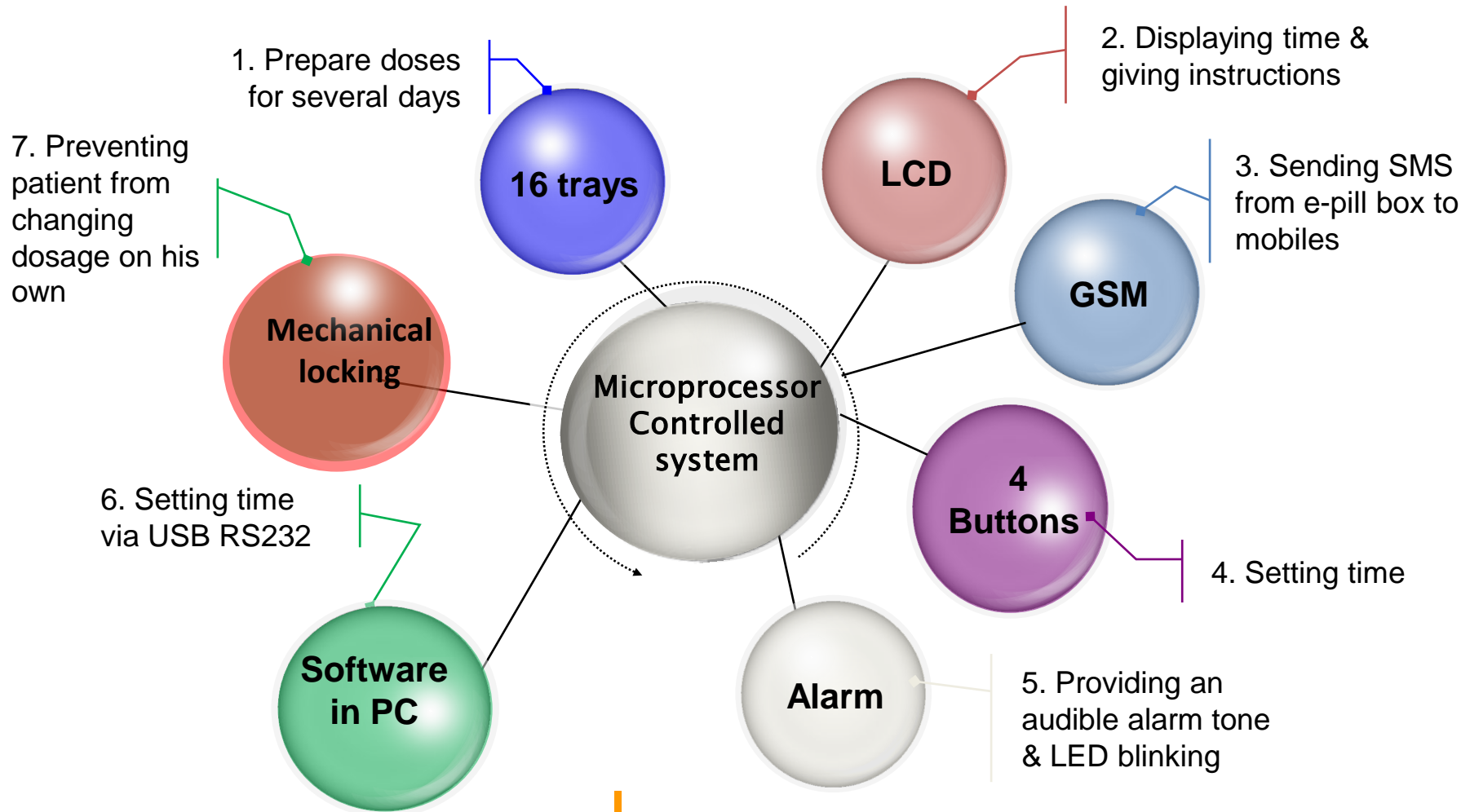


Project Expectation



Block Diagram

Project Expectation(cont)



Some features of electronic pill box.

Thank You!