

CSULB – College of Engineering

Computer Engineering

Senior Design Project

CECS-490A

Dr. Pill

- Jonathan Cerniaz
- Jehmel Espiritu
- Jeremy Espiritu
- Joseph Guzman
- Afzal Hakim
- Lee Roger Ordinario

Prof:

Dan Cregg

Weekly Report 5

Last week's list...   

Jonathan Cerniaz:

- Dispense history.
- How to get pills to dispense without cross-contamination.
- Start User Interface code
- Research on touchscreen interface and how we will make it work

Jehmel Espiritu:

- Start coding the motor movements for the pill dispensing
- Focus on how to implement the Launchpad for our motors
- Think about where the motors will be placed on the pill storage

Jeremy Espiritu:

- Continue researching on object recognition and dispensing for our design
- Start coding the object recognition for our design
- Help with motor placement and software development for our motors

Joseph Guzman:

- 3D Print of front plate housing
- 3D Print of storage for pills
- Design, building, and placement
- Raspberry pi implementation
- Space management
- Software Development
- GitHub Repo Organizing

Afzal Hakim:

- Log Management and Data Tracking
- Research on SQL on how to store and retrieve data
- More research on how to use Raspberry Pi

Lee Roger Ordinario:

- The complete layout of compartments and how the pills reach the dispensing area
- Dimensions of pill compartments and dispense mechanics.

Did you accomplish what you planned?

If not, why?

Are all team members accounted for?

Yes, we are all accounted for, and we are communicating consistently. We all have our assigned tasks and work together if necessary.

Next week's plan, specific to each individual:

Jonathan Cerniaz:

Jehmel Espiritu:

Jeremy Espiritu:

Joseph Guzman:

Afzal Hakim:

Lee Roger Ordinario:

Pictures/Screenshots:

References: