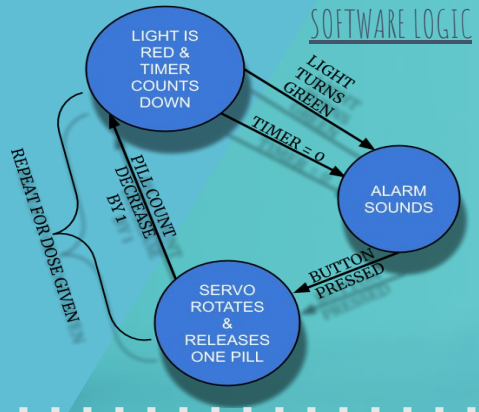
The Smart Pill Popper

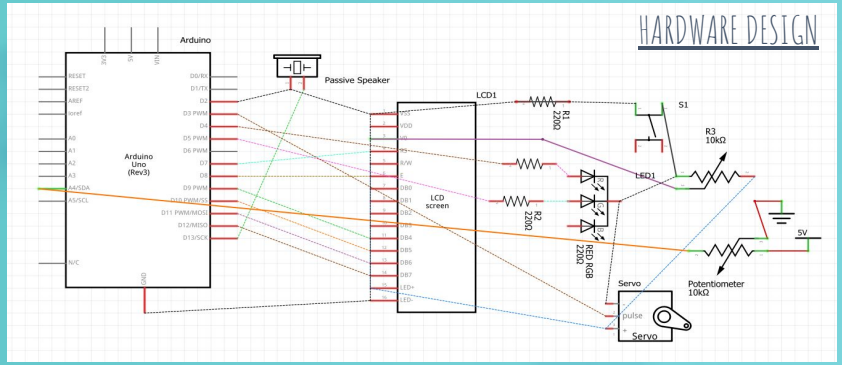
Created by: Tori Hagenlocker & Emma Jungman

Problem Statement: To design and build a device that reminds and monitors patients as to when they should take their medications in an efficient manner.

Software Logic



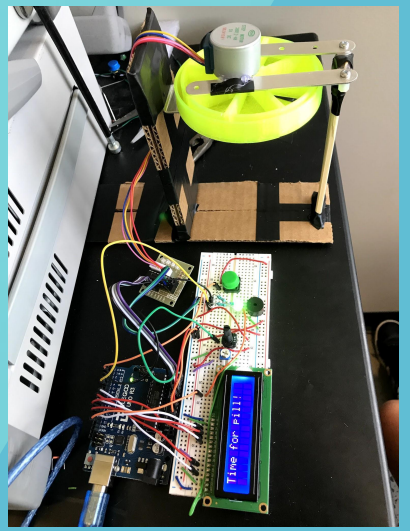
Hardware Design



Instructor & T.A.:
Michael d'Argenio & Denis Dineen

Project Requirements:

- ❑ Regulate the amount of pills to be administered in a certain time frame on a certain day
- ❑ Alert client with speaker when pills are ready based on a displayed timer
- ❑ Show count of pills left before bottle is empty & need replacing



Final Design

Rules & Responsibilities:

- ❑ Tori Hagenlocker - software developer, hardware design, mechanical
- ❑ Emma Jungman - hardware design, software diagrams, presentation design