

## P4 - Second Prototype

Slide link: <https://goo.gl/bzH4Ks>

\* Slide includes CAD designs

### Work Plan -

#### Steps:

\* All deadlines are contingent upon arrival of components.

1. Decide on and order necessary components (done as of 7/24)
2. Build a functional portable enclosure device (Christian - approx. 10 - 15 hours)
  1. Deadline: August 1 / August 7
3. Work on the alarm functionality of the portable device (Vanessa - approx. 5 - 7 hours)
  1. Deadline: August 1
4. Build the buddy reminder system (Richard - approx. 10 hours)
  1. Deadline: August 1
5. With the completion of step 2, construct the weekly pill holder (team - approx. 2 - 5 hours)
  1. Deadline: Latest August 7

#### Risk + Contingency Plan:

1. The most challenging aspect of our product is the portable device with respect to both printing it and achieving complete functionality. In the scenario the device mechanism ends up not working near the deadline, we have decided to go for simplicity and build a circular, manually rotatable device to pop out pills at notified times.