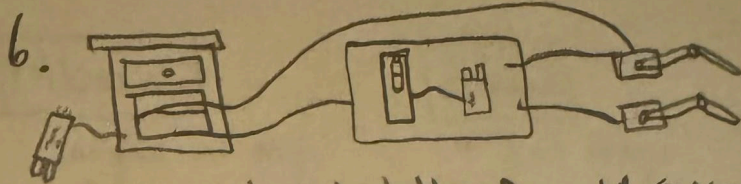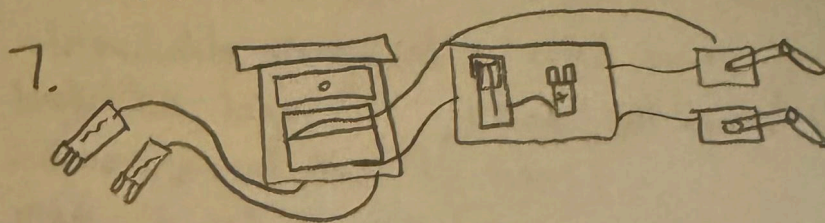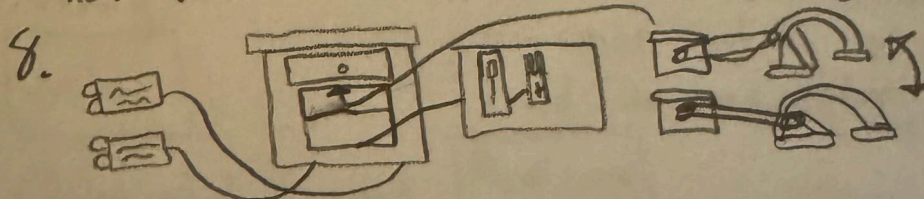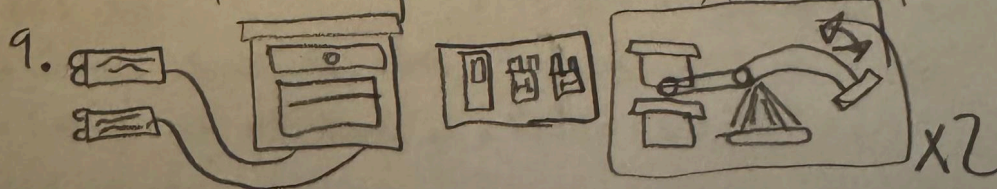**Design Process (10 + 10)**

10 + 10 cont.

6.

• Switch out button for IR sensor

7.

• Add another IR sensor for stability and place near floor to detect foot waves/motion for open
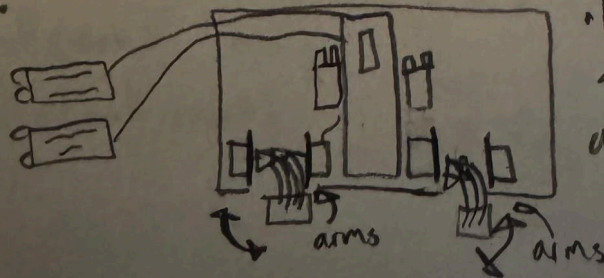
8.

• 3D printed hinge like attachments, place at top

9.

X2

• Add 2 more servos so that each arm is powered by 2 motors an gets more power, add another battery

10.

arms   arms

• Place component in small box that is attachable, IR sensors are freely placed

10 + 10 Method on Project (Redo)

1.

Place outside

bread board
servo motor
button
arm attach meant

2. Move inside

3.

place button outside

Add battery for power

4.

• Deattach servo from board for more flexibility

• Board is out of the way

• Only servo is next to the door

5.

• Add an extra servo motor for more power