Lab 4 Pre-lab   jky32

1) Pomodoro

sensor detects
when you start
studying

After 23 min,
reminds you to
take a break

2) GPA tracker

when grades come
out on blackboard
or Cmx, sensor
gathers data

If above user set
threshold, machine
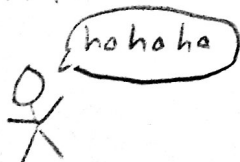is happy

If not,
machine is sad

3)

sensor tracks
movement of sun/
sunlight

As sunlight decreases,
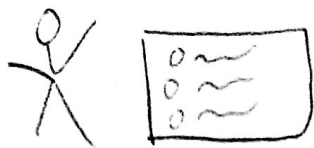counter goes down

4) Happy Together

ho ho ha

when user
laughs (detected by
sensor)

machine joins
in on the
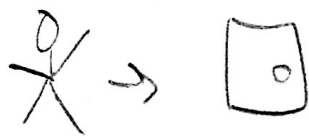fun

5) Task List

when sensor
detects one item
has been crossed off of
task list

machine also
celebrates

6) Welcome Back

when sensor
detects user has
returned home

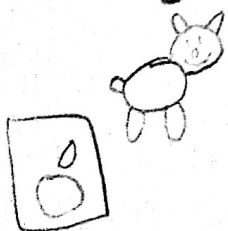machine greets
user home

7) Tea Brewer

Sensor detects
how long tea has
been steeped in water

when it's the perfect time
machine raises hands to
indicate tea is done

8) Dog

when dog successfully pees &
poops on ree-ree pad

machine celebrates

9) Dog Walking

When dog is walked

countdown goes to 0

but when time passes, countdown increases to remind you when to walk dog again

10) Water Tracker

When water depletes from cup (sensor detects)

machine reminds you to fill cup back up + drink more water