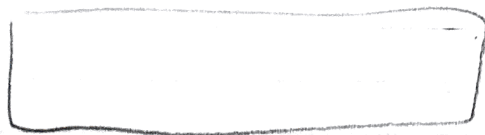


67

Sensor → Refrigerator Temp Too High or Low

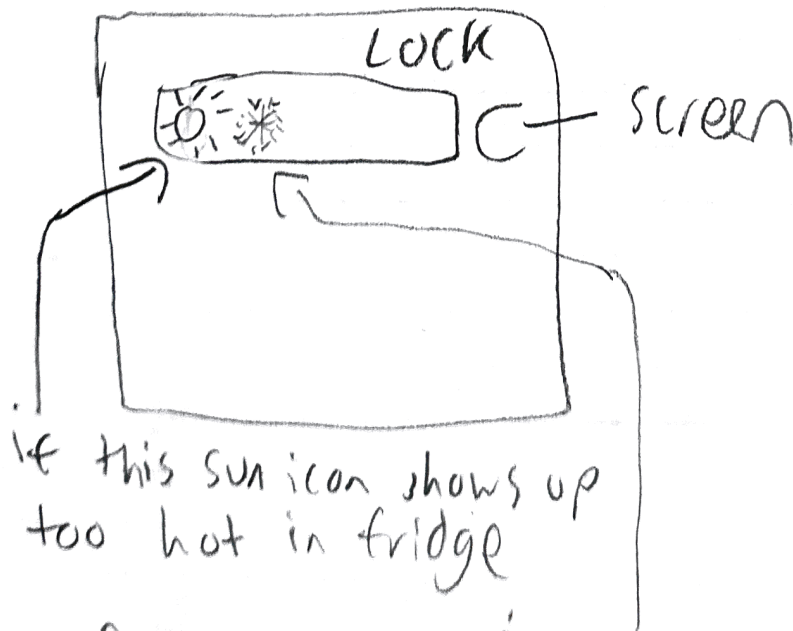
Brayden Chipman 11-18-23 2:47 PM

Top View



NOTE *this drawing is based off any type of lock can have the feature of showing a person if the inside fridge temp is too hot or cold.

Front View



if this sun icon shows up too hot in fridge

if ice snowflake icon shows up, fridge too cold

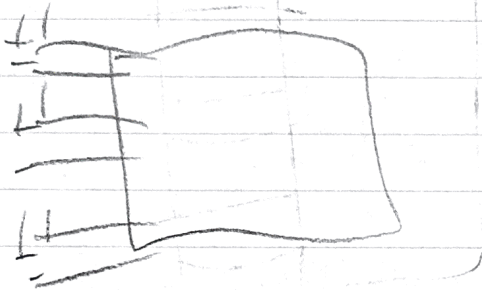
Side View



7) Lock that can
or Bluetooth

connect to wifi
2:57 PM 11/18/23
Brayden Chipman

Top view

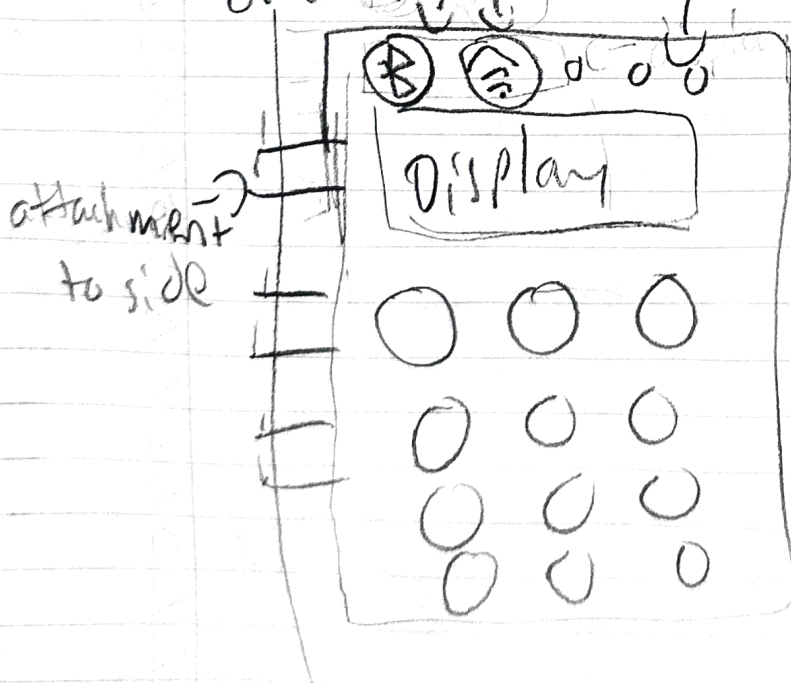


A sensor is inside the
lock to activate bluetooth
and wifi.

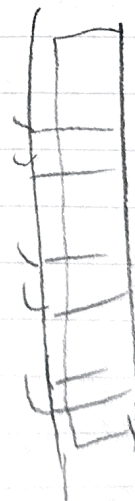
I used Ashwin's idea
in the pinpad latch as
a sample of what the
wifi and bluetooth buttons
on top of any lock
design could use. The
buttons just need to be pressed
to get activated

Front View

Bluetooth, wifi, LEDs



Side View



8) Compression Latch

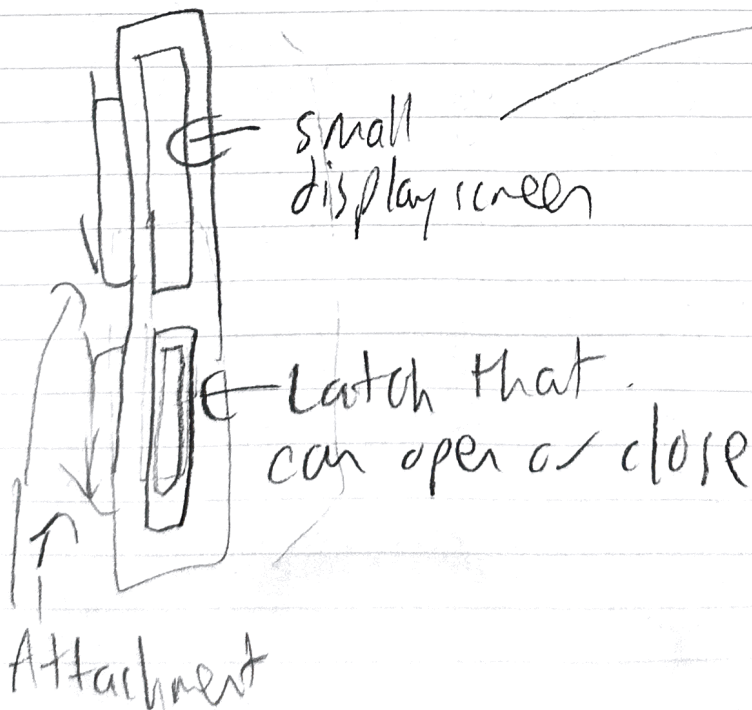
Brayden Chipman 11-18-23 3:32 PM

Top View

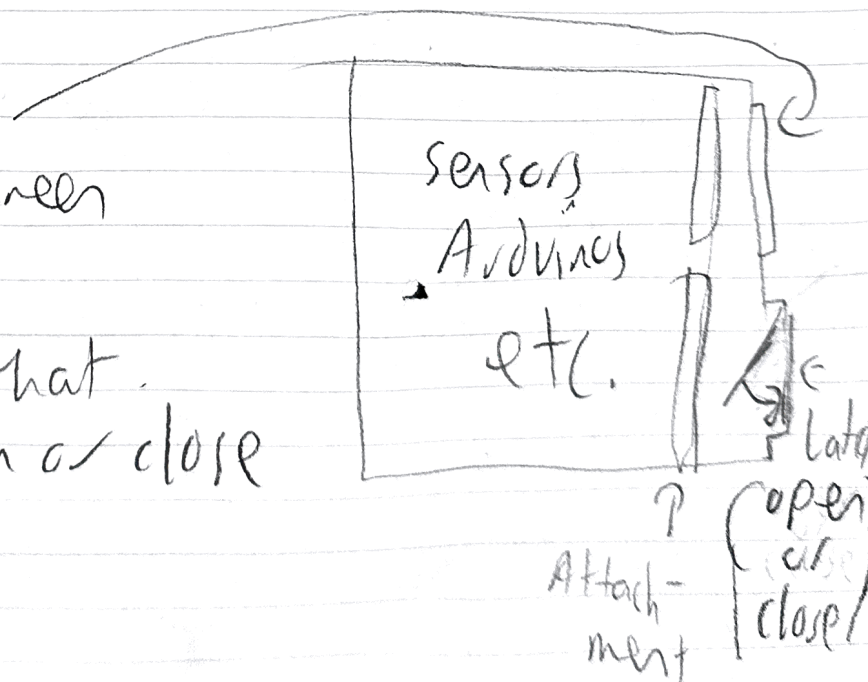


this design is a latch that can have a latch to press open or close w/ a display monitor that can update fridge conditions. Attached to side by hooks (the full device).

Front View



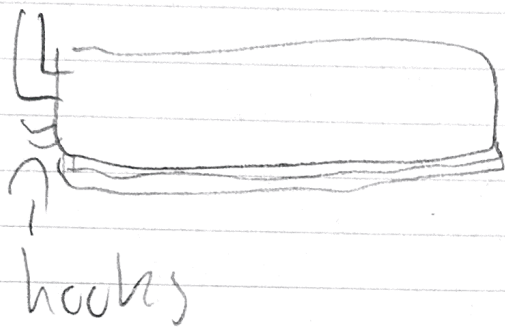
side view



9) "Childproof Lock"

Brayden Chipman 11-18-23 3:42PM

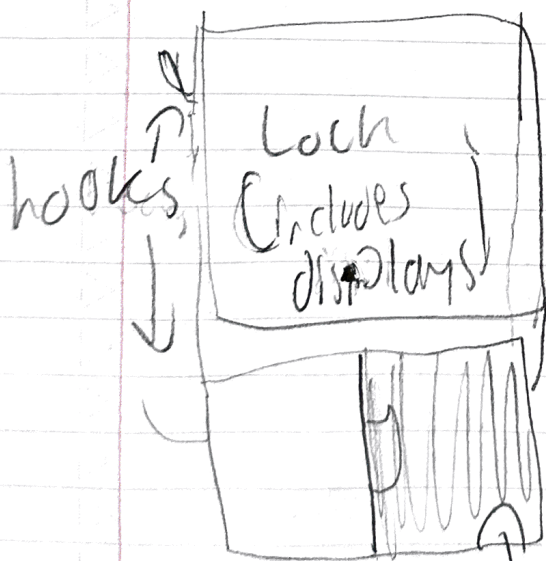
Top View



* Lock provides extra locking when with a childproof lock which can prevent the fridge from opening even more.

Hooks attach the lock to the fridge side

Front View



child lock side w/ lock

child lock side w/ hook attachment to keep stable

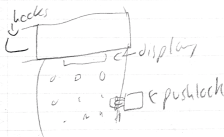
Side View



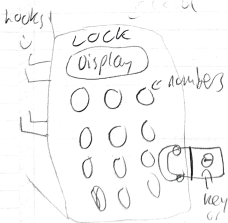
10) Padlock Locks

Brayden Chipman 11-18-23; 7:19pm

Top



Front



* padlock idea is similar to a childproof lock idea where the padlock is an extra measure to keep the fridge shut to prevent the fridge from getting

too hot or cold. Padlocks in this design will be a way to unlock the locking system to ensure it does not get randomly opened.

side

