Project decision:

PLAN 1 Door, SMEED:

Ask SMEED if he has a NFC sensor and a solenoid.

Get Raspberry Pi – DR

Can Pi drive solenoid?

PLAN 2 Fridge, Cooled Operating Online Lockbox, COOL:

Thermometer

Barcode scanner – possibly webcam

Best before dates on food – possibly using touchscreen

Online access to inventory, what’s going out of date?

LED, to say close, open too long

Extras:

OCR to recognise best before dates

Possible recommended meals – what’s going out of date?

Temperature adjustment