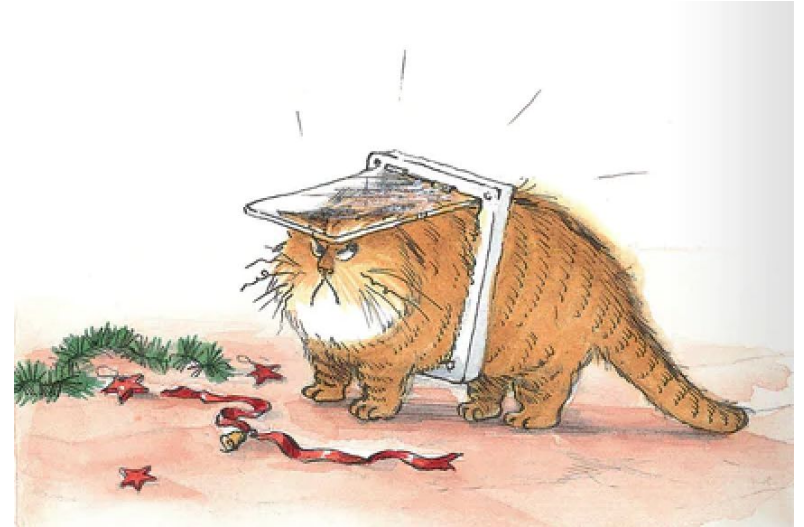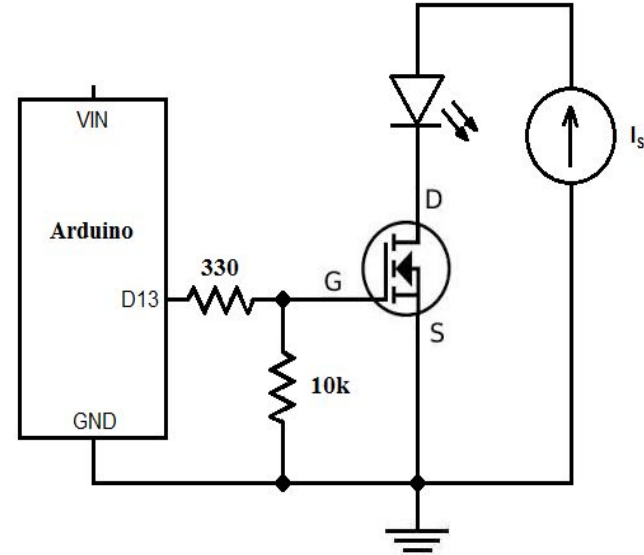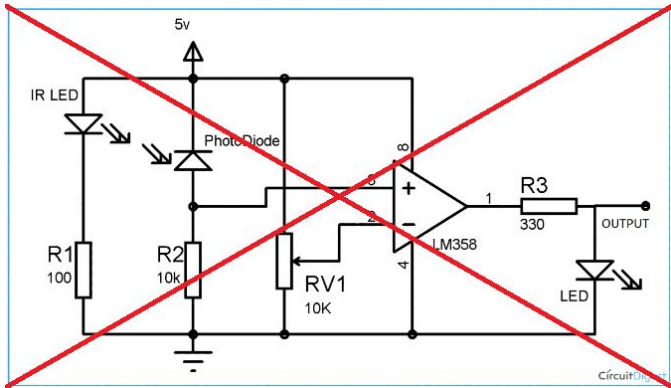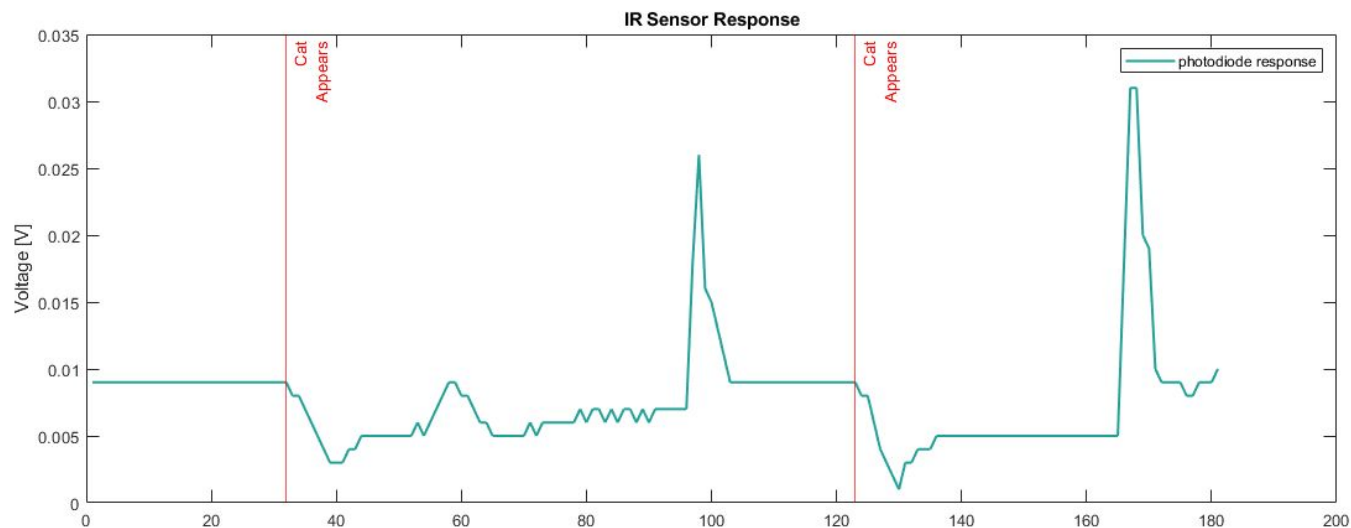# Cat flap

Agnes & Nabaz - IR sensors

- Looked more into the sensor circuit
    - Test with Arduino (resolution, small photodiode current, amplifier)

- Separate circuit for power saving
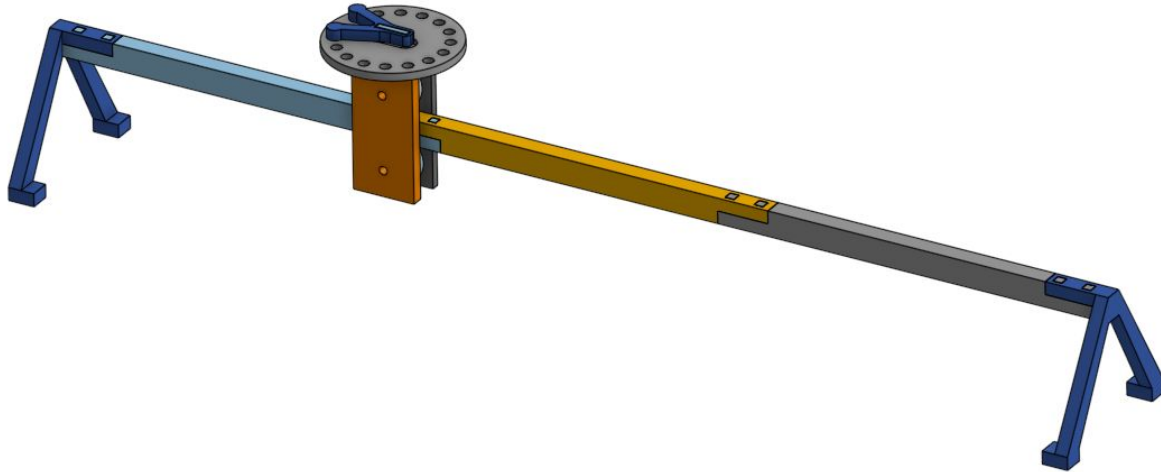   - Comparator, specifications, low power microcontroller

Agnes & Nabaz - IR sensors

- Tested actual current
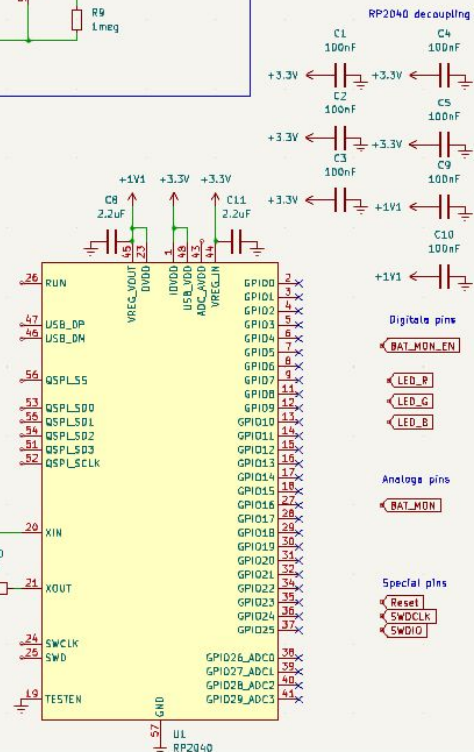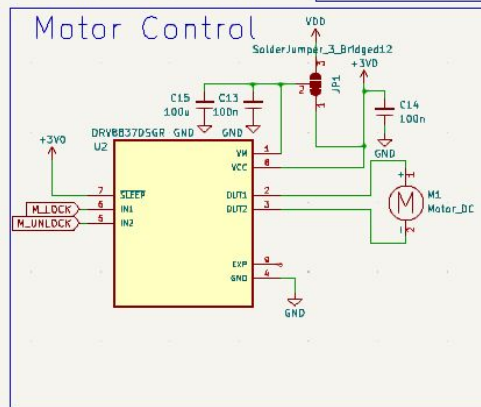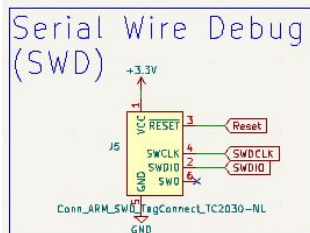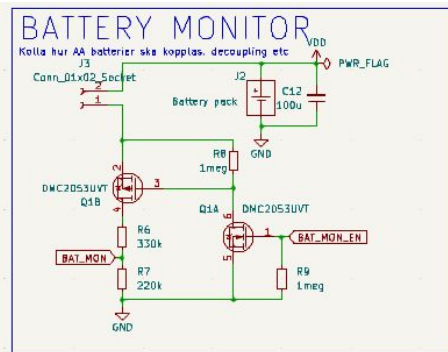 - Multimeter. Quite dynamic response. Changing bias point?
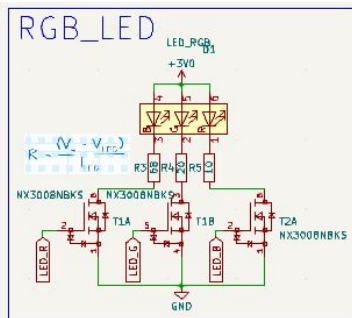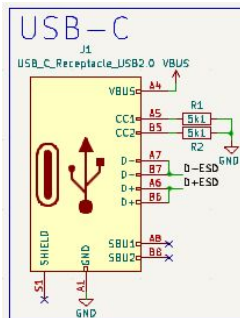
Jakob & Arvid - Antenna

Finished designing, printing and assembling a rig to accurately measure the antennas range and effect of the tags angle relative to the cat flaps antenna.

Jakob & Anders

- Started with PCB design.
- Not done..
- Yet.
- Soon though!
- Hopefully. :)

Matilda

- Worked on sending/receiving data from the pi. Half gave up because of relevancy. Broke the pi and rescued it.
- Followed some tutorials to make a mobile app in Python
- Soldered with Anders
- Helped Anders with examining the motor using the power profile kit, gotten interesting results, had to hunt down Johan
- Random smaller tasks (planning, report, fixed small things in Git, meetings)

Questions?