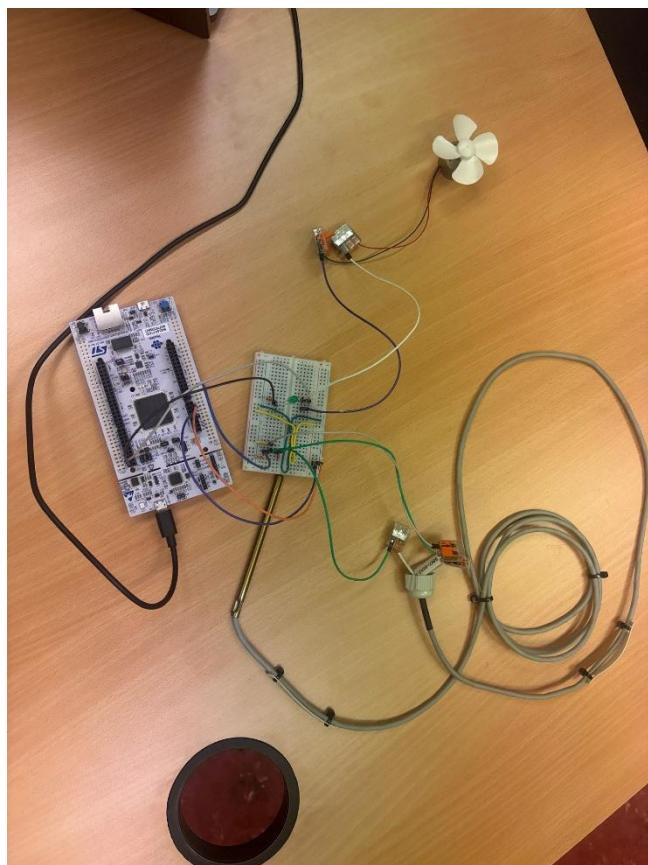
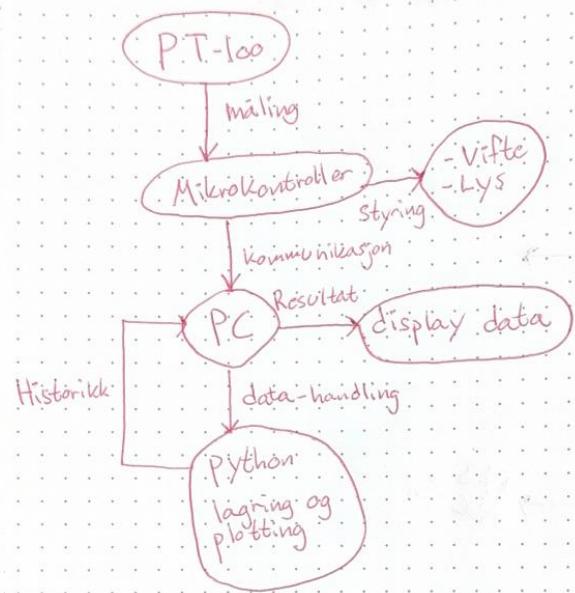
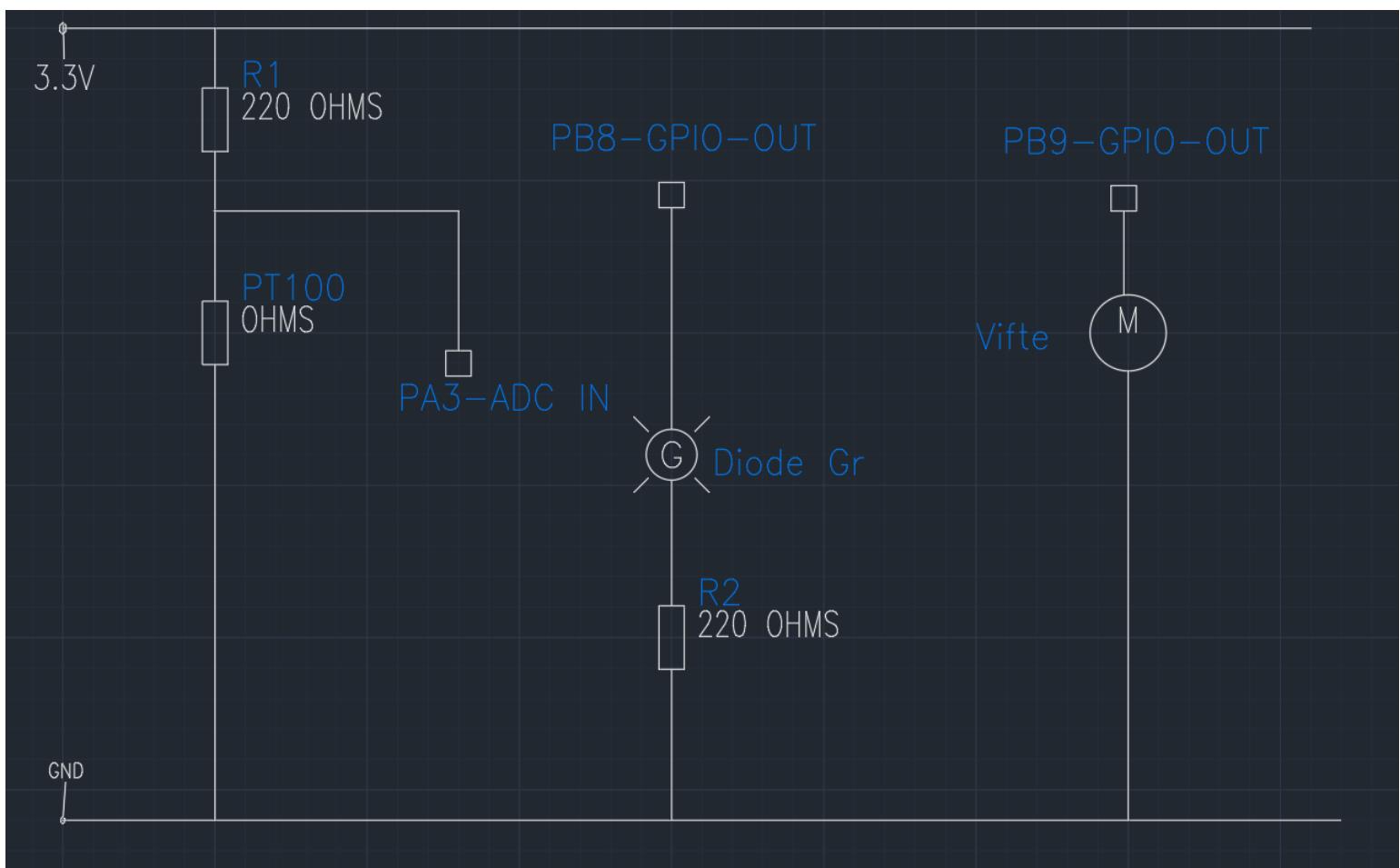


illustrerende bilder:

Spannings deler  
↓  
ADC-verdi  
↓  
beregner Volt over PT-100  
↓  
beregner R til PT-100  
↓  
beregner Temp som måles  
↓  
Sender til PC  
↓  
kjøres gjennom Python filer  
↓  
display via PC





```
C:\Users\K-r-i\Documents\ELE201\Prosjekt_KM_Ebrahim>python serialRead.py --port COM3
Logger DATA-linjer til C:\Users\K-r-i\Documents\ELE201\Prosjekt_KM_Ebrahim\data.csv (Ctrl+C for stopp)

#1335 ADC=1531 V=1.234 V R_meas=129.57 ohm R_cal=126.17 ohm T=68.0 C
#1336 ADC=1524 V=1.228 V R_meas=128.63 ohm R_cal=125.23 ohm T=65.5 C
#1337 ADC=1521 V=1.226 V R_meas=128.23 ohm R_cal=124.83 ohm T=64.5 C
#1338 ADC=1516 V=1.222 V R_meas=127.56 ohm R_cal=124.16 ohm T=62.7 C
DATA,1338,62.7,124.16,1.222,1516
#1339 ADC=1518 V=1.223 V R_meas=127.83 ohm R_cal=124.43 ohm T=63.4 C
#1340 ADC=1516 V=1.222 V R_meas=127.56 ohm R_cal=124.16 ohm T=62.7 C
#1341 ADC=1523 V=1.227 V R_meas=128.50 ohm R_cal=125.10 ohm T=65.2 C
#1342 ADC=1516 V=1.222 V R_meas=127.56 ohm R_cal=124.16 ohm T=62.7 C
#1343 ADC=1526 V=1.230 V R_meas=128.90 ohm R_cal=125.50 ohm T=66.2 C
DATA,1343,66.2,125.50,1.230,1526
#1344 ADC=1528 V=1.231 V R_meas=129.17 ohm R_cal=125.77 ohm T=66.9 C
#1345 ADC=1516 V=1.222 V R_meas=127.56 ohm R_cal=124.16 ohm T=62.7 C
#1346 ADC=1535 V=1.237 V R_meas=130.12 ohm R_cal=126.72 ohm T=69.4 C
#1347 ADC=1514 V=1.220 V R_meas=127.29 ohm R_cal=123.89 ohm T=62.1 C
#1348 ADC=1524 V=1.228 V R_meas=128.63 ohm R_cal=125.23 ohm T=65.5 C
DATA,1348,65.5,125.23,1.228,1524
#1349 ADC=1522 V=1.227 V R_meas=128.36 ohm R_cal=124.96 ohm T=64.8 C
#1350 ADC=1528 V=1.231 V R_meas=129.17 ohm R_cal=125.77 ohm T=66.9 C

Stoppet.
```

Figure 1

