Meteo Team

PROCESS CONTROL PROJECT

INITIAL PRESENTATION

Project timeline

week 1

- members selection

- work distribution

- initial presentation work

week 2-3

- deciding on sensors and electronic parts

- consulting, connecting to an MCU

Project timeline

week 3-4

- programming the sensors to process the measurements

- testing the output

week 4-5

- working on a 3D model for the meteo device in Fusion360

- finishing the model, consulting

Project timeline

week 5-9

- printing
  and assembling all
  parts
- consulting and
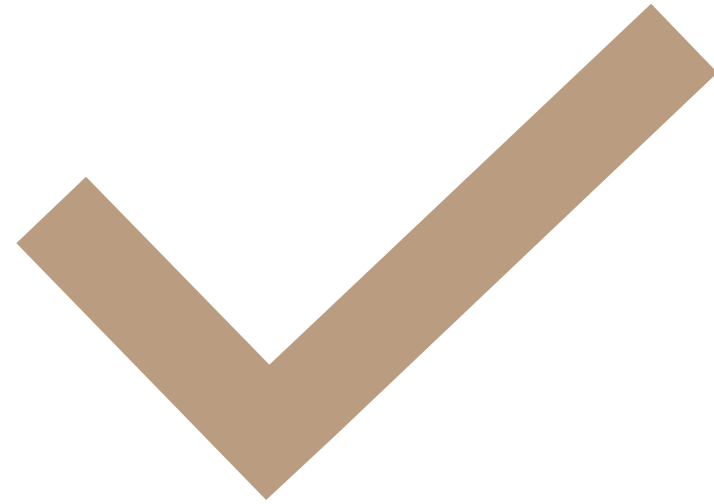 correcting
  the printed parts

week 10-12

- integration of VESNA meteo device using API
- setting up the device on an IoT cloud services
- programming the MCU to send measurements to the cloud service

Project timeline

week 12-13
- finishing up
- working on documentation
- working on the final presentation

Team Members

- Filip Hlubík: 3D modelling, testing outputs
- Ivana Dukayová: data exchange, cloud service
- Marek Horecký: programming of a microprocessor, testing outputs, team leader
- Richard Bielovič: choosing appropriate sensors, assembling all parts
- Viliam Vrba: 3D modeling, testing outputs