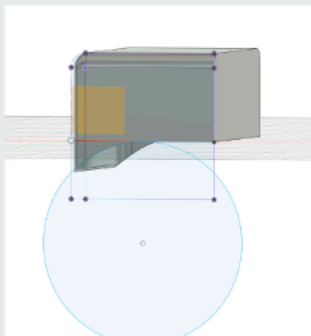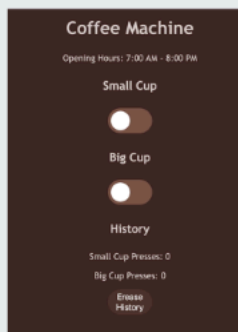# Coffee Machine

The Project.
This project was about how to control a Wemos-microcontroller over Wifi, to visualize it I choose to control my coffee machine.

A Delonghi: Pixie EN125

The goal:
The end goal was to combine factuality with pleasant user interface, which was made using Html, css, and Javascript .
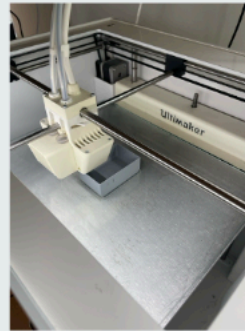

Problem solving:
Because of spacing problem, because of the micro controller within in coffee machine, an external housing needed to be made and 3D- printed.

3D design made in Fusion 360

3D printing:

Thanks to the facilities here at Campus 02 I could print the housing right here at Rosenhof.
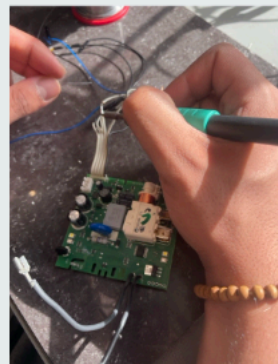

3D-printing at campus 02 Rosenhof

The result:
After soldering a bypass to contol the buttons on the coffee machine, using relays, It was time to build it all together and to mount the housing, and for all, enjoy a cup of Cofee!

Author of the work: William Ågren

Supervisor: Christian Hartinger