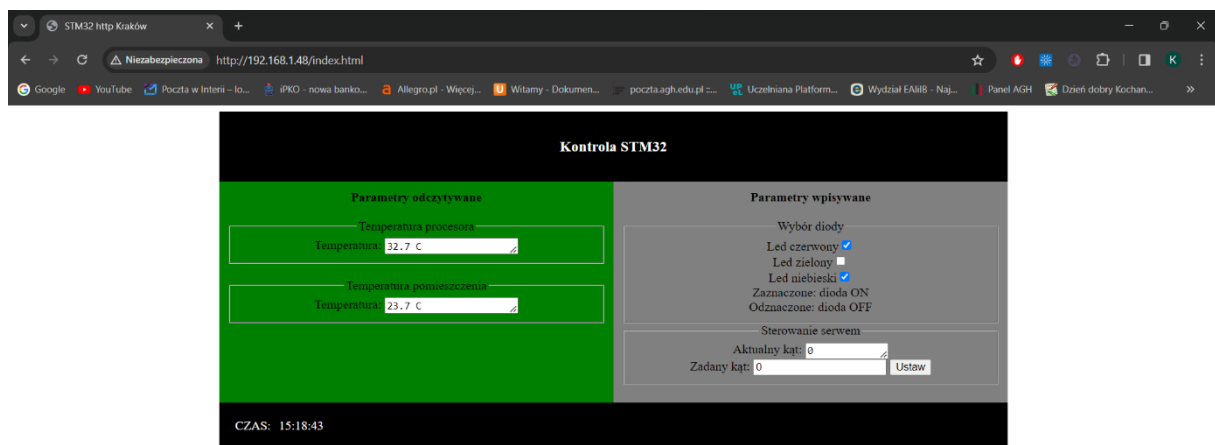


This is a project during which I created a simple http server to control diodes and a servo using the STM32 F429zi microcontroller.

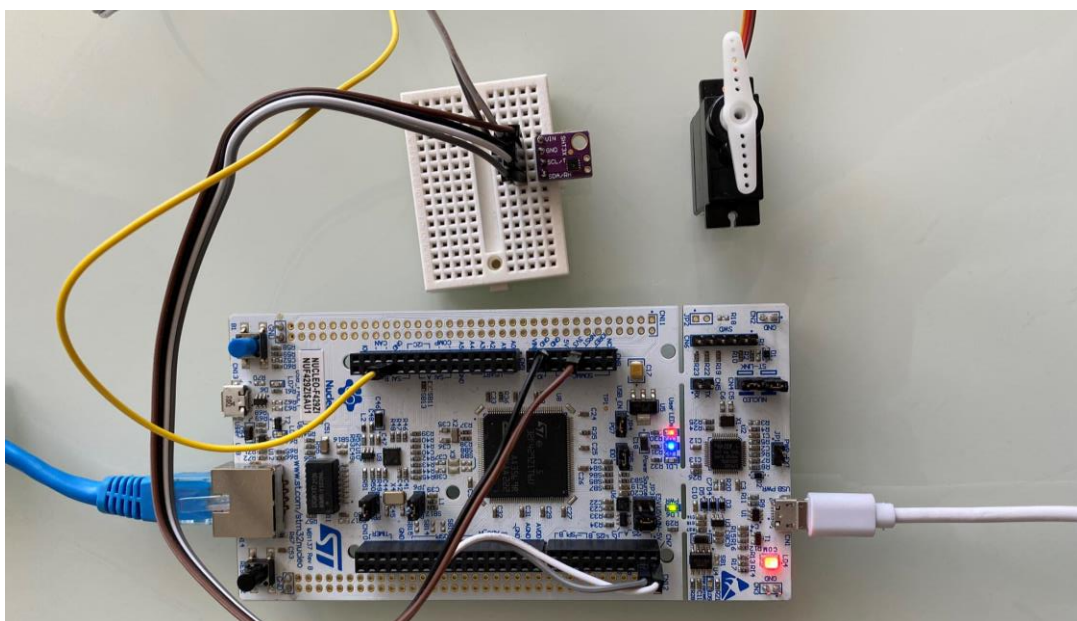
The project used:

- STM32F429zi
- thermometer with I2c
- servo
- real-time operating system (FreeRTOS)
- LWIP library
- UART communication

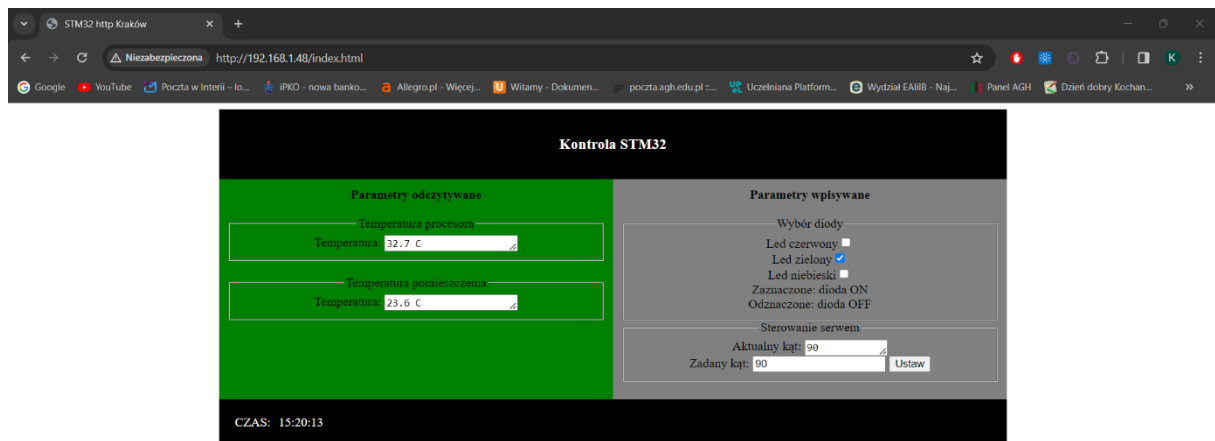
Combining all this I got the effect:



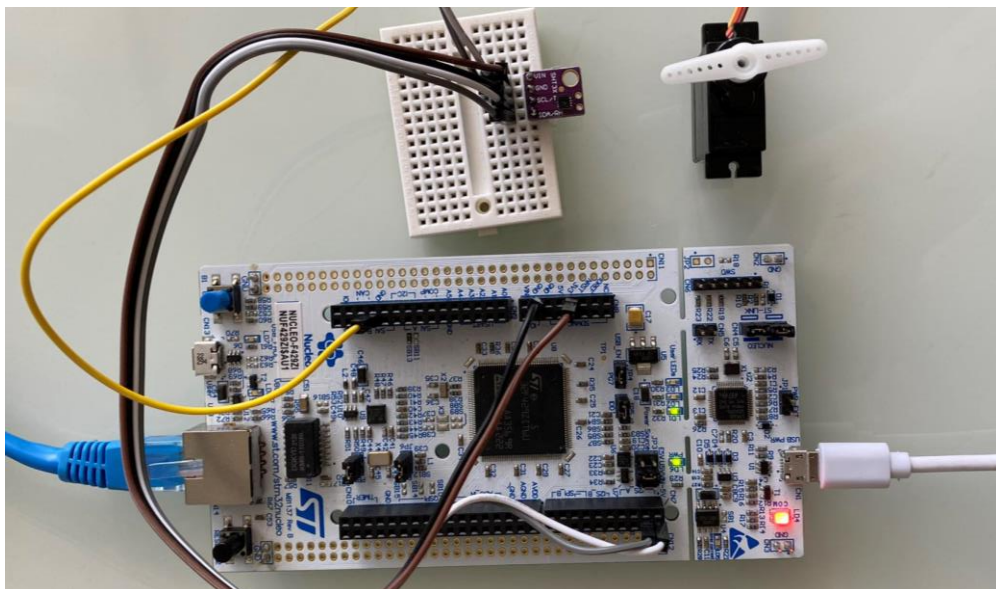
Rysunek 1 The view from website



Rysunek 2 The view shows the working device



*Rysunek 3 The view from website*



*Rysunek 4 The view shows the working device*

In addition, the code allows us to set the angle in the server using the command window

