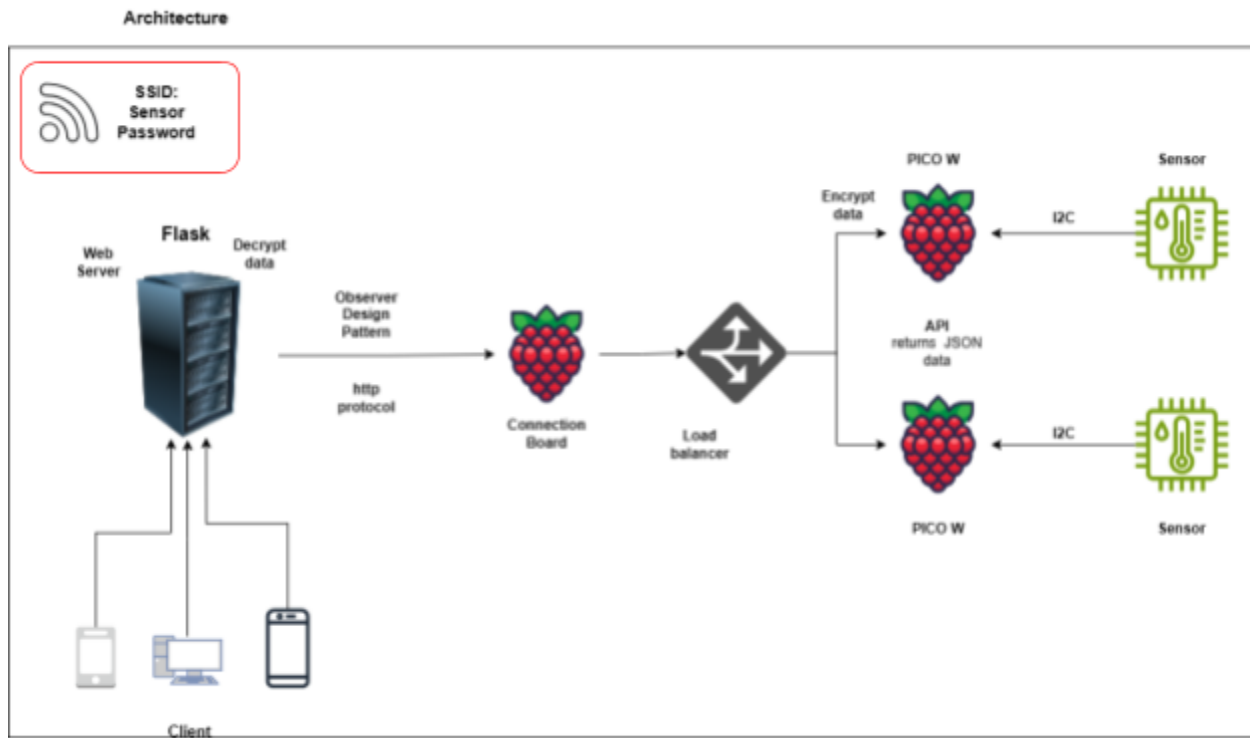**To reproduce the demo there are lots of requirements**
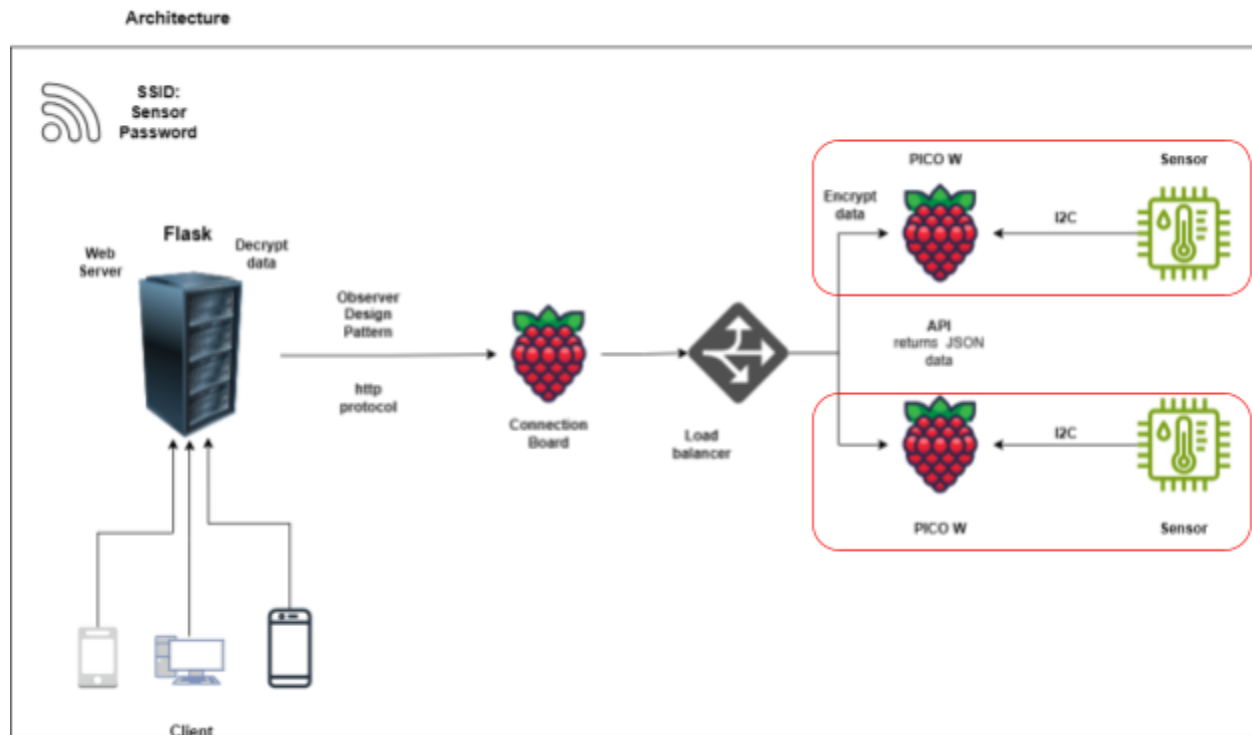
Network:

All devices can communicate with each other if they are on the same network
We used our mobile hotspot as a network

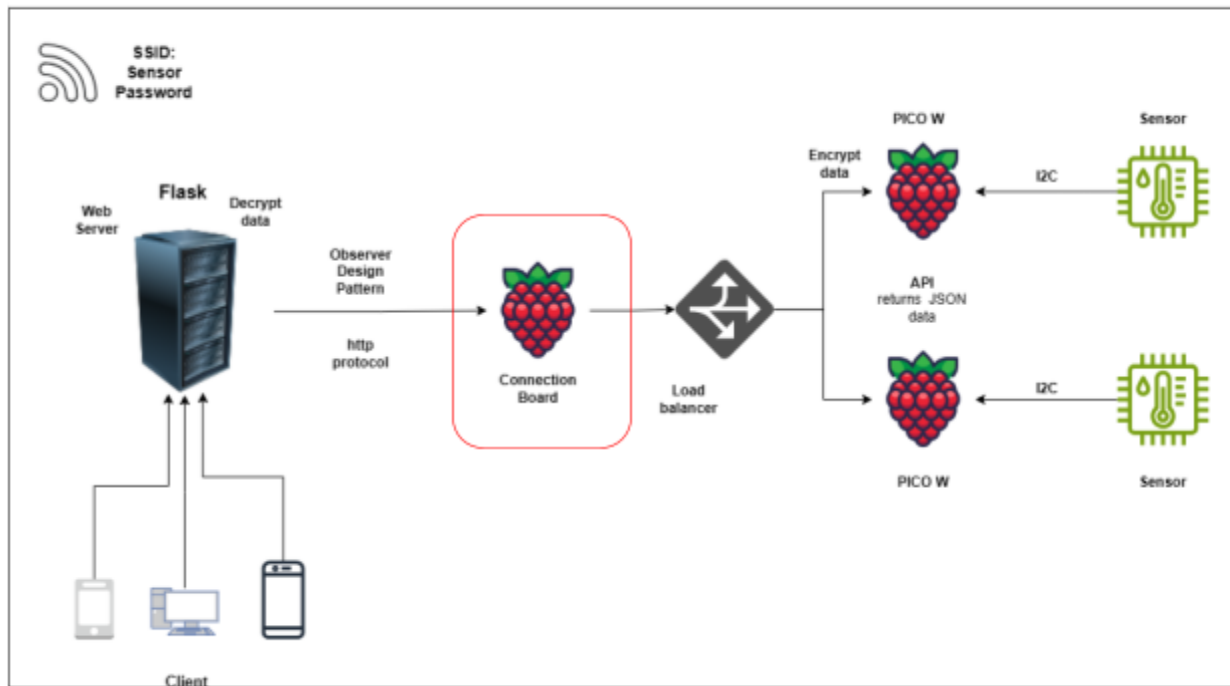The name of the network should be: sensor1
The password should be: 123456789

Code in the PICO W:

Architecture

Inside the PICO we should create a file called main.py and copy and paste the code from the file **GetdatafromSensor** which is located in the > final submission > code >PICOCode
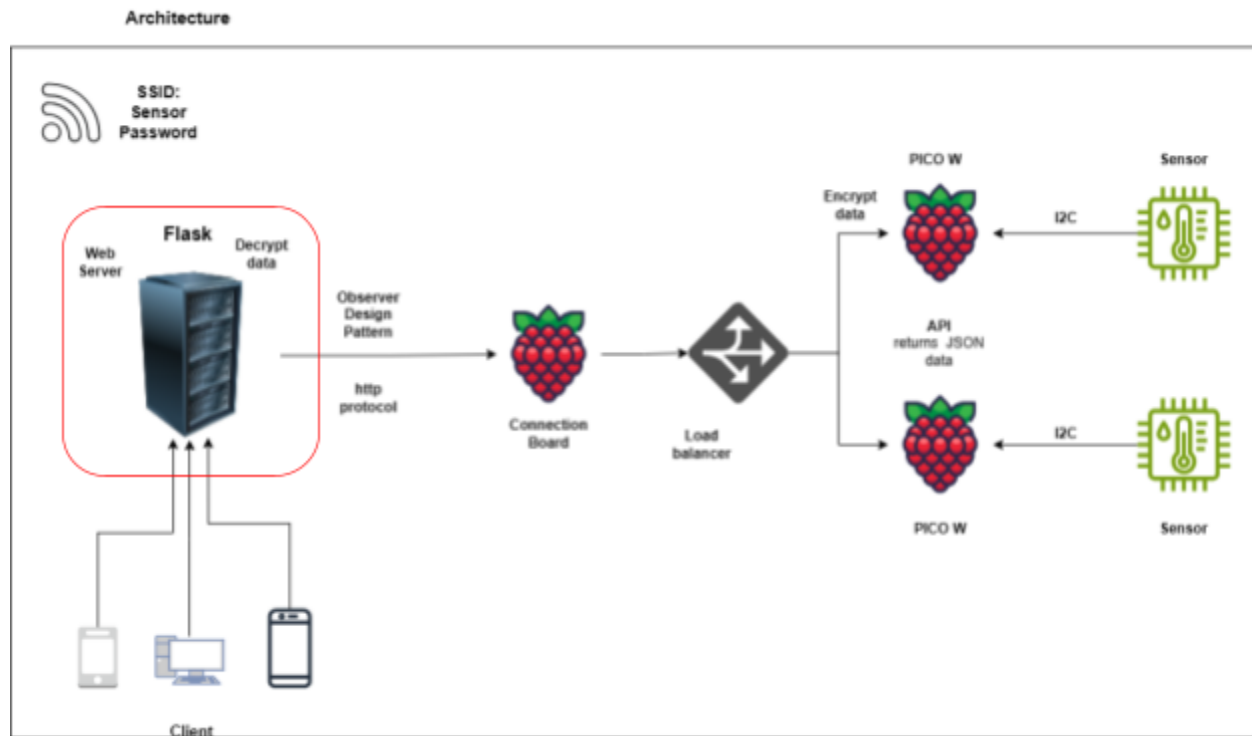
Code in the Connection Board:

Inside the connection Board PICO we should create a file called main.py and copy and paste the code from the file **connection_bord** which is located in the > final submission > code >PICOCode >

Frontend

Architecture

Flask Server

Open Anaconda Powershell Prompt

Create a new env called sf_server

Activate the environment

Install Flask in it

Now do Cd to > final submission\code\WebAppCode\sf_server

Inside it, you can find app.py run it

Commands:
conda create --name sf_server
conda activate sf_server
conda install flask

Note: the server that is running the flask app should be connected to the same network