**Description**

As of today, the assignment consists of a wifi communication bridge between to computers. Computer A sends data over serial to a wifi microcontroller which, in term, sends the data via wifi to a second microcontroller. Microcontroller 2 is connected to computer B via serial and reads the data using a python script

The files used for the assignment can be found on the following folders

Arduino

Client

Server

Python

Transceiver?

The files for the hardware can be found in

Cad

**NOTES**

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The shield will connect to open networks, as well as those using WEP and WPA2 Personal encryption. The shield will not connect to networks using WPA2 Enterprise encryption.

* Deal with connection losses: if connection was established and then lost, both the emitter and the receiver need to be re-started
* Change the IP addresses for the individual assignments