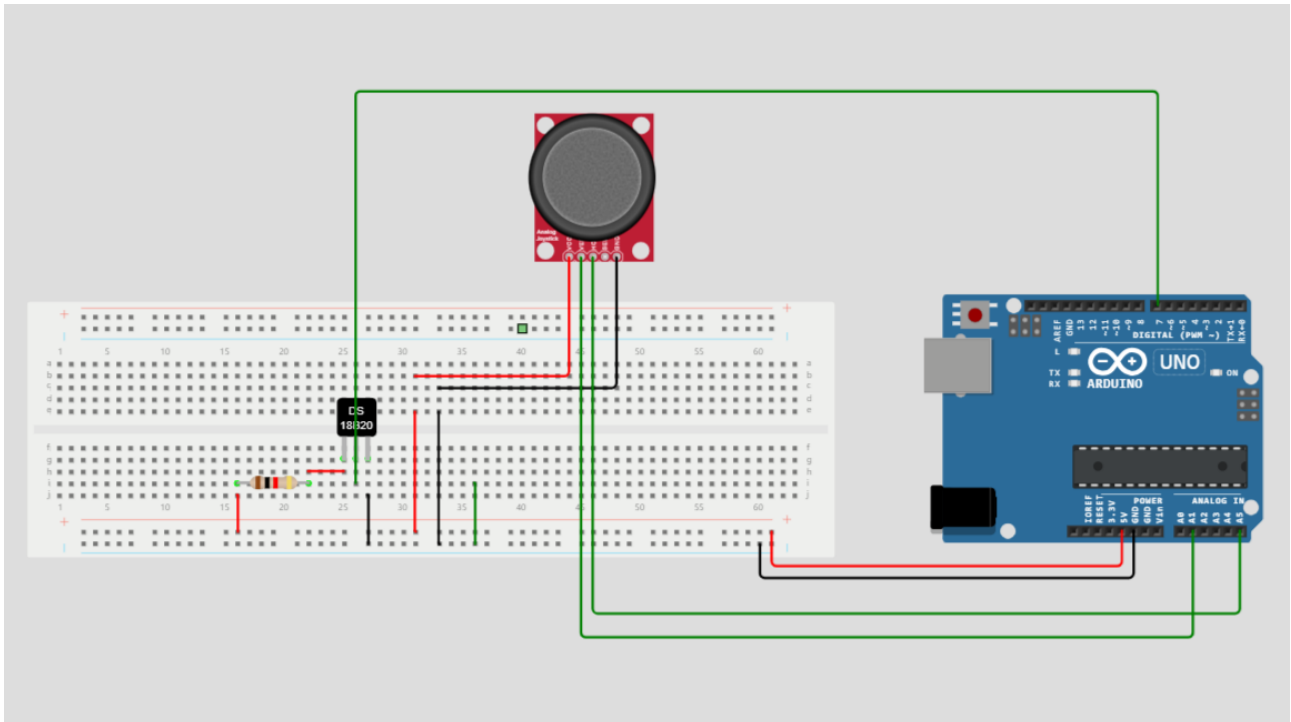


WIFI – TEMP/HUMIDITY – JOYSTICK



UDP

Packets:

Network Scout Packet:

- Sent by the server to all the network (broadcast)
- Arduinos will answer it with a Scout Response Packet

Scout Response Packet:

- Sent by the Arduino device that receives a scout packet to the server.
- Contains the name (id) of the device

Transfer Start Request Packet:

- Sent by the server to a specific Arduino device.
- Arduinos will answer it by starting a continuous transfer of data.

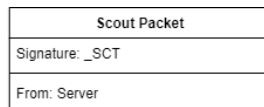
Transfer Stop Packet:

- Sent by the server to the Arduino device to stop if from transferring data.
- Arduinos will answer it by stopping the data transfer to the server.

Data Transfer Packet:

- Sent by the Arduino device to the server.
- Contains all of the data.

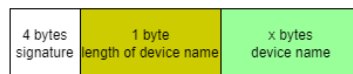
Packets Structure:



Scout Response Packet

Signature: _SRP

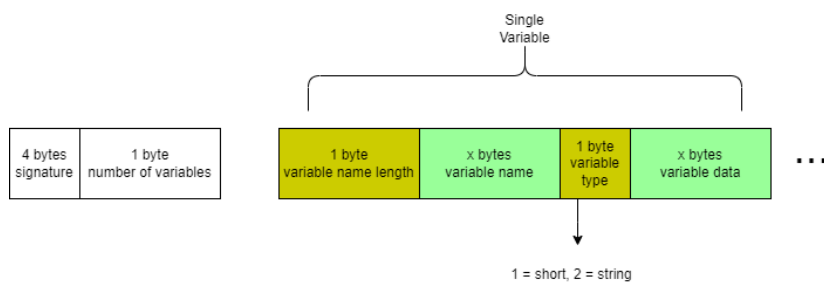
From: Arduino Device



Data Transfer Packet

Signature: _DTP

From: Arduino Device



Transfer Start Packet

Signature: _TSP

From: Server



Transfer Stop Packet

Signature: _TST

From: Server

