**Setting up Nick’s Wifi script and running Pi boot up - Transponder**

**Step 1: Create a file folder directory in the Transponder named as such:**

"/home/pi/Hub/Memory/HubMemory"

Ensure there is an actual csv to transfer in this directory

**Step 2: Open the wifi\_hub.py script in the Hub folder and change the following to your specific settings.**

* **MAC = 1** , I use this for debugging purposes, make sure it is set to 1
* **Password = ‘nick’** , enter your Raspberry Pi Zero (tool) password
* **IP\_Transponder**, enter the IP address
* **Memory\_name,** enter the name of the transponder memory file

Note: I assume there is an actual file called Hub\_Memory.csv in the transponder folder, for transferring actual tool data. As indicated above, call “Memory\_name” what you want within the script.

**Step 3: When the Hub is the Transponder, not MAC! For running on boot, do the following from the Terminal:**

sudo nano /home/pi/.bashrc

scroll down to the bottom and insert this as the last line**:**

sudo python3 /home/pi/Hub/wifi\_transponder.py

hit control + x

Y to save

Enter to confirm and exit

The script runs automatically when the terminal is opened OR when Pi is reset, the script will run continuously. To verify if it worked, check the folders to see if the flag.csv file is gone and the Hub\_Memory.csv file has been updated (right click and see Properties, last updated)

**Note: If you want to terminate the script running in the background, enter this in terminal:**

sudo pkill -9 -f wifi\_transponder.py