IoT Security and Privacy

Assignment 2 – Lab Environment (10 points)

Partner: Ishan Patel

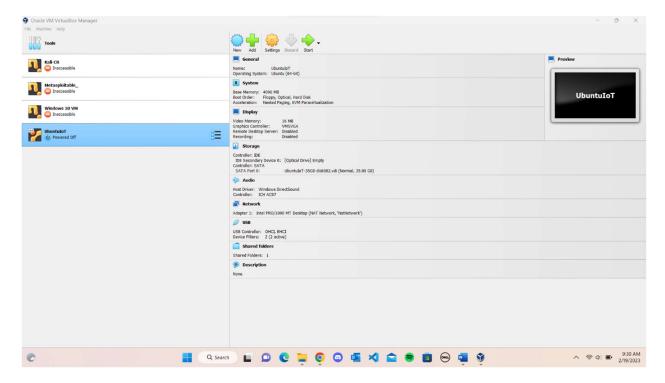
Questions

Please refer to Get started with ESP32 via VS Code and PlatformIO

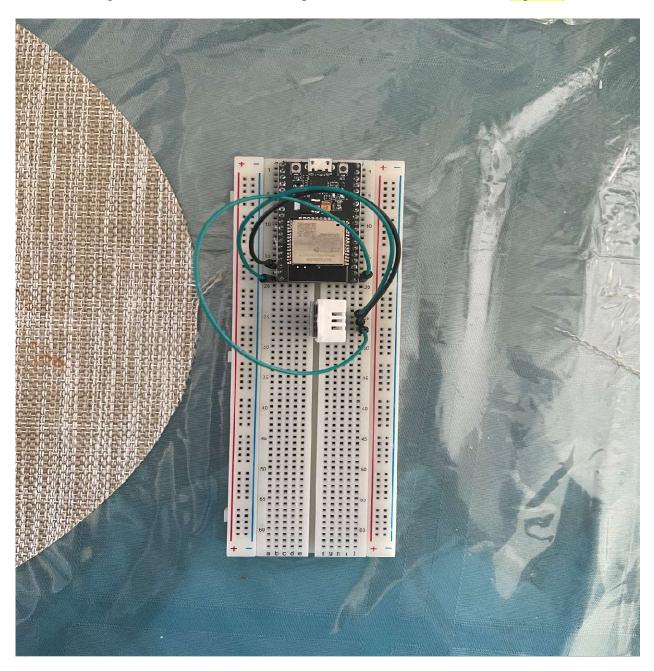
1. Please finish the optional and very short survey (2 minutes). Copy and paste the following link to a browser to fill out the Google form: https://forms.gle/WkpGtXRPMWxnc3nJ8. Just say *Done* below to claim the 1 bonus point. (1 bonus point)

Done

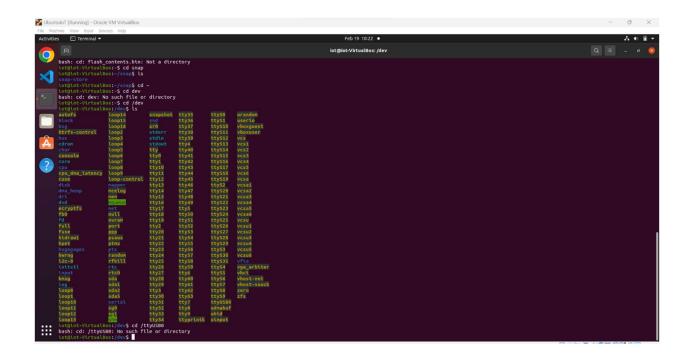
2. Read <u>Install VirtualBox and Import Ubuntu VM Appliance</u>. Please include a screenshot below showing the Ubuntu VM within VirtualBox. (2 points)



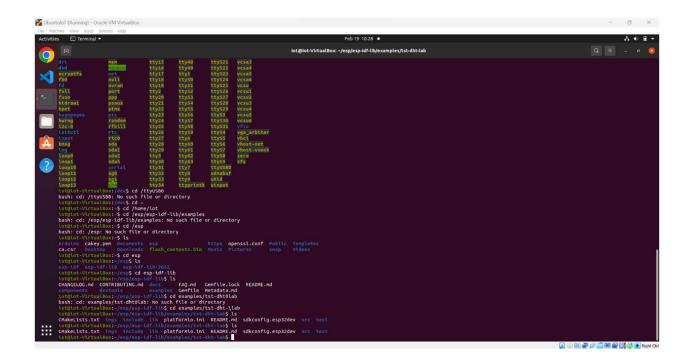
3. Read <u>Set up the IoT kit</u>. Please include a photo of the assembled IoT kit. (2 points)



4. Read <u>Install the CP210x USB to UART Bridge VCP Driver</u>. Please include a screenshot below proving the IoT kit can be accessed within the Ubuntu VM. (2 points)



5. Read <u>Clone the project</u>. Please include a screenshot below showing the project folder on the Ubuntu VM. (2 points)



6. Read <u>Build</u>, <u>Upload and Test</u>. Please include a screenshot below showing the temperature and humidity outputs through the serial monitor of PlatformIO. (2 points)

