Student Name : Anne-Marie O’Loughlin

Project Repo URL : https://github.com/aoloughlin92/computerscience

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Grade Band | Combined Knowledge | Networking Technologies | IoT Solution | Communication |
| Base | Knowledge from Computer Systems, Web Development and ICT JavaScript present | Raspberry Pi Connected to Thingspeak | Temperature Humidity and Pressure sent to thingspeak | ReadMe and Video included |
| Good | Concepts from multiple modules | Thingspeak connects to IFTTT, Matlab and my Website | Matlab Analysis of all data | Git Repo including Project presentation |
| Excellent | Advanced Computer Systems, Javascript knowlege | IFTTT sends emails each morning and if the pi is disconnected longer than 10 mins. | Additional Graphs including the  Google Gauge | Public Thingspeak Channel displaying results |
| Outstanding | Self-Acquired knowledge applied, in displaying Dark Sky API results on my website through the Server | Website uses API Keys to get data from Thingspeak and Dark Sky. | React to send a ThingHTTP request to IFTTT once Pi is disconnected | Website to display the data |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Additional Comments:

Website: <https://wax-mayflower.glitch.me/>

Video: https://youtu.be/1H3XuicIerM

s

