**Student Name** : Naoise O’Sullivan

**Project Repo URL:** https://github.com/Naoise-82/compsys-assignment02-nos

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| Grade Band | Combined Knowledge | Networking Technologies | IoT Solution | Communication |
| Base | I have applied some of the skills learned in programming to write the **blynkapp.py** python script to run my application | I do use the ethernet port on the Raspberry Pi for connection stability, but it’s not bound to it, i.e. Wi-Fi can be used instead | The baby monitor concept is delivered in this project. | Proposal Doc/Readme present |
| Good | N/A | I am only using Wi-fi as a wireless protocol, I did not incorporate BLE or NFC etc. | The Baby Monitor concept is clear and apparent in this project. The app processes PIR sensor and temperature data and applies it to control video-streaming and a smart socket. | PowerPoint presentation outlining the basic concept and usage of the project present, as well as a Git repo |
| Excellent | N/A | The messaging between the python script, IFTT and the smart socket is minimal enough. | I believe the concept just about achieves prototypical standard. The Physical hardware setup is pretty rough and ready though. | N/A (Only the required Demo video as part of the submission) |
| Outstanding | N/A | N/A (Blynk and IFTT used to a basic level) | N/A | N/A |

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**Additional Comments:** Our recently born baby that inspired the concept for this project has also been the reason that time available to work on the project has been limited, so I’ve purposefully kept it simple and manageable. I would, of course, loved to have used a more sophisticated approach and used the motion data to analyse movement over time, incorporate audio, control multiple devices etc, but I’m happy that I was able to deliver on the basic premise of the project at least.

