Outcome 4 - Evaluation

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| **Class: CISCO – IoT with NPA Group:** | **Year:** 2021 |

# Outcome 4 Instructions

Critically evaluate the whole process of developing the application, including both the design and development stages. Evaluate the final application and how well it meets the requirements of the original brief you were given. Identify areas where you could improve the process for future developments. Finally, critically self-evaluate your own performance throughout the whole process.

The evaluation for each section should be **no less than 75 words** in length.

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| 1 Identify strengths and areas for improvement in the design document. |
| The strength of this design document is the really detail description how the program works, but the space for improvement is also there. One of this is better graphical design (I wasn’t able to catch the right moment for a screenshot of the emulator) and also I could improve my overall knowledge of the needed hardware and software. |
| 2 Identify strengths and areas for improvement in the development process. |
| The strength of development process is definitely that I have finished it on time, which wasn’t and the area for improvement will be the fact that I didn’t have enough knowledge at times how to accurate execute the code, so that it would look neat, be easy to read and also WORK in the way I want it. |
| 3 Identify strengths and areas for improvement in the application produced.  Make sure to evaluate how well it meets the requirements of the original brief. |
| So the program is working in the way I wanted it so far, it provides good interaction with the user, easily takes measures, save it, measures are saved in optimal format, program is generally easy to use. Code is – in my opinion – clear, neat and easy to read at this level of my knowledge in Python. But there’s also few things that could be better like for instance the graphical interface on AstroPi Vis screen are really simple, using simple font, simple colours. Interface – even though is good for interaction with the user – is really basic. Also I wasn’t able to set my own time between the measures taken by the sensors. |
| 4 Identify action points to improve the entire process for future applications development. |
| More time for this sort of project would be a thing that would help me a lot. |
| 5 Critically self-evaluate your own performance throughout the whole process |
| I’m not going to lie – I had a few mental breakdowns during the works at this project. Many times I put my hands on the table and wanted to work and many times I failed due to the lack of knowledge in the many parts of it: setting emptybuffer, returning to the menu and even simple misspells… and all of this around the clock that constantly was showing “your time is running out, you better hurry up!”.  But the main important thing is, as I still don’t feel confident within the Python programming, that I’m not going to stop at this point and I purchased another online course to learn a bit more about this language and catch more basics through the summer and be ready to come back to College in August. |