Python Essentials Assignment 6D

Requirements

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| --- | --- |
| Needs a database back-end | 5 |
| Needs a very simple, fast solution that doesn’t need a lot of setup or special hardware/software to get going | 5 |
| Needs to be cross platform but doesn’t require any special network access | 5 |
| Needs to be easy to backup to a usb stick so it can be copied from one computer to another | 5 |
| Needs to be compatible with Python | 5 |

Options

|  |  |
| --- | --- |
| SQL Lite | 5 |
| Access | 4 |
| LibreOffice | 4 |
| Others | 3 |

Multiplication

Since all the requirements are, well, required, they all have the same weight of 5.

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| --- | --- |
| SQL Lite | 125 |
| Access | 100 |
| LibreOffice | 100 |
| Others | 75 |

Recommendation

The “others” are grouped together because I don’t really understand how they’re different. I even asked chat gpt and the descriptions all sound the same. While the other three are all back-end databases which are simple, fast and require no special hardware. The python compatibility and the USB stick part I think make SQL Lite a better choice. I’m not sure what cross-platform means in this context and I’m not sure what “special network access” means at all. As far as I can tell, and I’m almost certainly wrong about this, but I think SQL Lite is just 1 program that generates single files for each database. That sounds simple enough on paper.