# Mini project – Energy Saving Light

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**Task performance**

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| --- | --- | --- | --- | --- | --- |
| Energy saving | D | C | B | A | A\* |
| Sun syncing | D | C | B | A | A\* |
| Daylight savings adjustment | D | C | B | A | A\* |

**Software management**

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| --- | --- | --- | --- | --- | --- |
| Documentation | D | C | B | A | A\* |
| Use of version control | D | C | B | A | A\* |

**Code**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Structure (functions, header files, variable scope) | D | C | B | A | A\* |
| Efficiency (variable types, appropriate loops, interrupts) | D | C | B | A | A\* |
| Readability (variable function/variable names, comments) | D | C | B | A | A\* |

\*note the above letters are for indicative feedback only, they have no equivalent numerical mark and do not sum to form an overall grade

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| **Comments:**  Some functions could be moved out to their own source/header file. Lots of global variables, where necessary these could be grouped together in structures and passed between functions. Longer descriptions for functions and sections of the code in main file would be helpful. Good documentation, however, program structure could be improved. Very good use of git. More descriptive messages on the commits would be helpful. | |
| **Marker initials: SM/PH** | **Grade: A** |