Software and hardware requirements

An important consideration for a potential user of the software, such as the current stakeholders, is the minimum and recommended requirements for running the program. Ideally, these should be made to be as unrestrictive as possible so the application can be used with minimum hassle, but nonetheless some minimum requirements will still have to be in place that a user must be aware of and meet.

# Software requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Software** | **Minimum** | **Recommended** | **Justification** |
| Operating system | Windows XP | Windows Vista or newer | Based on the requirements for Python, which is used for the compiler and assembler |
| Linux |
| Mac OS X |
| Python | Python 3 | Python 3.4+ | The code in the compiler/assembler is not compatible with versions earlier than Python 3. |

# Hardware requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Hardware** | **Minimum** | **Recommended** | **Justification** |
| CPU | 1.2GHz | 2+GHz | These are the typical requirements for Python |
| Disk Space | 1GB | 2GB | The approximate size of the project plus the space needed for a Python interpreter |