Technical Requirements

1..System Technical Requirements

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| --- | --- |
| **Software** | Purpose |
| MySQL | DBMS for data to be collected through TPS |
| .Net Framework 4.0 | Framework to utilize C# developed software |

The TPS’ greatest software requirement is the .NET Framework, version 4 at the very least to run C#, which will be the language used for the system. Therefore, the minimum hardware requirements will be for the .NET Framework.

The TPS, which will be used by \_\_\_\_\_\_\_\_\_\_\_ will have to run on a windows based OS with the following specifications:

|  |  |
| --- | --- |
| **Hardware** | **Minimum** |
| Processor | 1 GHz |
| RAM | 512 MB |
| Disk Space | 850 MB (32-bit), 2 GB (64-bit) |
| OS | Windows XP SP3 |

2. Development Technical Requirements

The software requirements for development are similar to those of the system requirements, with the addition of Visual Studio 2010, serving as the Integrated Development Environment (IDE).

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| **Software** | Purpose |
| Visual Studio 2010 | IDE |

Below are the minimum hardware requirements for running Visual Studio 2010:

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| --- | --- |
| **Hardware** | **Minimum** |
| Processor | 1.6 GHz or faster processor |
| RAM | 1GB (1.5 GB if running on a virtual machine) |
| Hard drive storage capacity | 10 GB available, (10.6 GB if using language packs) |
| Hard drive speed | 5400 rpm |
| Video Card | DirectX 9 capable video card (1024 x 768 or higher resolution) |

http://www.microsoft.com/visualstudio/eng#products/visual-studio-ultimate-2012