**CHAPTER III**

**TECHNICAL SPECIFICATIONS**

This section discusses and presents

Brief Introduction (of the chapter)

Software

(Declarations and brief descriptions of software/s, proponents has decided to utilize for the project proposed, include justifications as to the choice made and advantages disadvantages if any. This should also include all software diagrams, such as but not limited to, DFD's, page schematics, flowcharts etc...)

EX.

Table 3.1: Software Development Requirements

|  |  |  |
| --- | --- | --- |
| Software | Specification | Descriptions |
| Operating System | Windows 10 | An operating system…… |
| Programming Language | Java (Netbeans v.2) | An open source software…. |
| Database software | Oracle 11g | A database….. |
| Web Browser | Chrome v.8 | A browser…… |

(Then discuss how and why the proponents choose and need this requirements, NOT THE DESCRIPTION)

Table 3.2: Software Implementation Requirements

|  |  |  |
| --- | --- | --- |
| Software | Specification | Descriptions |
| Operating System | Windows 10 | An operating system…… |
| Programming Language | Android Program (KitKat version and up) | An open source software…. |
| Database software | Oracle 11g | A database….. |
| Web Browser | Chrome | A browser…… |

(Again, the proponents discuss how and why the proponents choose and need this requirements)

Hardware

(Declarations and brief descriptions of hardware/s, proponents has decided to utilize for the project proposed, include justifications as to the choice made and advantages disadvantages if any. This should also include all hardware diagrams, such as but not limited to, hardware schematics, network diagrams, technical specifications, etc...)

EX.

Table 3.3: Hardware Development Requirements

|  |  |  |
| --- | --- | --- |
| Hardware | Specification | Descriptions |
| RS 232 | RS 232 (USB TYPE) | ADAPTOR THE PLUG….. |
| MICROPROCESSOR BOARD | ARDUINO (AT MEGA 120) | MICROPROCESSOR BOARD… |
| LIGHT EMITTING DIODE | IN 222229 | A SEMI CONDUCTORR….. |
|  |  |  |

(Then discuss how and why the proponents choose and need this requirements, NOT THE DESCRIPTION)

Table 3.4: Hardware Implementation Requirements

|  |  |  |
| --- | --- | --- |
| Hardware | Specification | Descriptions |
| RS 232 | RS 232 (USB TYPE) | ADAPTOR THE PLUG….. |
| MICROPROCESSOR BOARD | ARDUINO (AT MEGA 120) | MICROPROCESSOR BOARD… |
| LIGHT EMITTING DIODE | IN 222229 | A SEMI CONDUCTORR….. |

(Then discuss how and why the proponents choose and need this requirements, NOT THE DESCRIPTION)

Technologies

(Declarations and brief descriptions of systems/s, proponents has decided to utilize for the project proposed, include justifications as to the choice made and advantages disadvantages if any. This should also include all system diagrams.)

Lan-based

Web-based

Mobile-based

Hardware (sensors, motor, semiconductors and switches, etc…)

Diagrams and flowcharts

(Include all diagrams and flowcharts such as DFD, VTOC, ERD, UML diagrams, etc. and those diagrams that will be used in the project development, include a short narrative explanation or introduction about the diagram)

However, the diagram can be check to the appendices!

Network Layout

(If any, also include a narrative explanation of the layout)

Hardware Design Layout

(If any, also include a narrative explanation of the layout)