**Report 6 - Software User’s Manual**

1. **Installation Guide**
   1. **Setting up environment at server side**

The following software must be installed into the server machine:

* + 1. **Hardware requirements**

|  |  |  |
| --- | --- | --- |
| Windows | Minimum Requirements | Recommended |
| Internet Connection | Cable, Wi-Fi (4 Mbps) | Cable, Wi-Fi (8 Mbps) |
| Operating System | Window Server 2008 R2 | Window Server 2012 R2 |
| Computer Processor | Intel® Xeon ® 1.4GHz | Intel® Xeon ® Quad Core |
| Computer Memory | 2GB of RAM | 4GB of RAM or more |

Table 1: Hardware requirements

* + 1. **Software requirements**

|  |  |  |
| --- | --- | --- |
| Software | Name / Version | Description |
| Operating system | Window 10 Professional | Operating system and platform for development |
| Environment | JDK version 1.8.0 update 101 | Specification for developing web application |
| IDE | NetBeans IDE 8.2 | Use to implement website. |
| Design Model tool | StartUML v2.5.1 | Use to create modal and diagrams. |
| DBMS | MySQL | Use to create & manage the database for system |
| Document storage | GitHub | Use to store document |
| Store and manage source code | GitHub | Use to store all source code |
| Web browser | Chrome 42 or above | Testing browser |

Table 2: Software requirements

* 1. **Deployment at server side**
     1. **Prepare deployment package**
     2. **Configure Server before deploy**
     3. **Deploy web application on server**
  2. **Setting up the environment at client side**
     1. **Setting up for computer**

1. **User Guide**