**3. SYSTEM REQUIRMENTS STUDY**

* 1. **USER CHARACTERISTICS**
* Admin: System administrator, who looks after the system and has access to all rights and Permissions in the system.
* Employee: Actor who will be responsible for the updating schedule of a particular day.

**3.2 HARDWARE AND SOFTWARE REQUIREMENTS**

**Hardware Requirement:**

* Arduino Board
* Zigbee Module
* LCD Display

**Software Requirement:**

* Arduino IDE v1.0.6
* Visual Studio
* Proteus 8 Professional

**3.3 ASSUMPTIONS AND DEPENDENCIES**

* The System must have access to Power Supply.
* The C# application is running at the time and sends data to Arduino
* The Arduino receives the data.
* The LCD Display is used to show the messages.