**6. IMPLEMENTATION PLANNING**

**6.1 IMPLEMENTATION ENVIRONNEMENT**

Single User v/s Multi User: At a time only one user can use it.

GUI v/s Non GUI: It is an embedded project. It consist of both software and hardware part. We can develop a windows based application which consists of good Graphical User Interface. It can easily be understood by the user.

**6.2 MODULES SPECIFICATION**

**Administrator Module**:

* Administrator can add, search and the Employee data.
* Administrator can also manage devices and classrooms along with their allotment.
* He / She has the right to make announcements.
* Administrator is the one who will be granting special requests to the faculties in case of needs.

**Faculty Module:**

* Faculty will be the one who is responsible for updating the schedule of whole week.
* He / She also has the facility of requesting extra lectures which will be granted by the Administrator.

**6.3 SECURITY FEATURES**

* Each Login is Password protected.
* Database will be in unreadable format which can’t be accessed by anyone else.
* The Data sent via Zigbee will also be encoded and hence cannot be intercepted by some interceptor.