**Type of application**

**General Applications**

* Word Processing Software
* Graphics Software
* Spreadsheet Software
* Presentation Software
* Web Browsers
* Multimedia Software
* Education and Reference Software
* Simulation Software
* Content Access Software
* Information Worker Software

**Business Applications**

* Customer Relationship Management Application Software
* Enterprise Resource Planning Application Software
* Project Management Application Software
* Business Process Management Application Software
* Database
* Resource Management Application Software
* Productivity Software
* Time Management Application Software
* Educational Software

**Application Based on Shareability**

* Freeware
* Shareware
* Open source
* Closed source

**Attributes of Good Software**

1. **Acceptability** - Software must be acceptable to the type of users for which it is designed. This means that it must be understandable, usable, and compatible with other systems that they use.
2. **Dependability and security** - Software dependability includes a range of characteristics including reliability, security, and safety. Dependable software should not cause physical or economic damage in the event of system failure. Software has to be secure so that malicious users cannot access or damage the system.
3. **Efficiency** -  Software should not make wasteful use of system resources such as memory and processor cycles. Efficiency therefore includes responsiveness, processing time, resource utilization, etc.
4. **Maintainability** -  Software should be written in such a way that it can evolve to meet the changing needs of customers. This is a critical attribute because software change is an inevitable requirement of a changing business environment.

ITI system

**user requirements**

• Student

Registration

login

See the table

Know grade for each subject

Evaluate for subject

• Teacher

Registration

Login

Add the grades of his subject

Add & edit schedules

• Administrator

Login

Add students

Add teacher

Take attendance and leaves

**Make reports of attendants and leaves**

Functional requirements

• Both students and teacher can register with new account

• Login has 3 roles -> admin - student – teacher

• Admin see student and teacher updates

Non functional requirements

• Security of data: the data of students and teachers must be secure no one can see it

without permission.

• Accessibility: there are 3 roles to be login with in ITI

1. Student
2. Admin
3. Teacher

• Speed and response time: time need to get the data the user need in the application

should be small to get the project good

• Backup: the data must be backed up everyday