**3) Non functional requirements**

**ABOUT:**

* Non-functional requirements are the constraints or the requirements imposed on the system.
* Non functional requirements are used to judge the system as whole.
* Non functional requirements are more important than functional requirements because even we miss one or two functional requirements the system can work properly but we miss any of the non functional requirements then the system becomes completely useless.
* While developing software we have to more focus on non functional requirements.

**Types:**

* **Performance & scalability**
* **Portability & compatibility**
* **Reliability**
* **Security**
* **Localization**
* **Usability**

**Example1:**

Some non functional requirements on university library system.

* Security: Privacy of users their identity, information, all should be protected.
* Usability: all the users, applicants, can effectively use the software. It should be user friendly.
* Availability: the application should be available 24/7.
* Scalability: where college students increased or there are more books thus the application should scalable enough to accommodate those changes.
* Reliability: if the problem in the system what should be done. So this type the system should reliable enough to handle those problems.