# Functional and non-requirements of a system:

**Functional requirements:** Functional requirements are basically considered to be the product features or functions which developers should be implementing for enabling users in accomplishing their tasks. It becomes important for making these clear to both stakeholders as well as development team. Basically, functional requirements are prepared for describing system behavior as per the specific conditions. Functional requirements for each web-based system are different from one another. Following are the functional requirements for TechControl Web Information System.

The business rules for TechControl Web Information System state that website should be having fundamental characteristics of business. It has the ability of making transactions as well as cancellation of operation as it is done. External interface is must for an outside user to utilize the system.

The regulatory as well as legal requirements are to be followed for this TechControl Web Information System. The system requires complying with legal requirements of business and following the regulations of governing body.

It requires to be in a simple language as well as non-ambiguous in nature for making it user-friendly as well as easily navigated. It has the facility of providing authorization to users. In this way various level of users are becoming capable of performing operation on same system according to user authority.

**Non-functional requirements:**

Non-functional requirements are basically taken into consideration for describing how a system should be behaving and establishing constraints of its functionality. Such type of requirements can be considered as quality attributes of system. Non-functional requirements for functional requirements TechControl Web Information System are as follows.

Performance parameters: This is including the response time for utilization level of system in both volumetric type as well as static type throughput where the standardized parameters should be followed by the system.

Environmental requirements: It is considered significant for legal as well as regulatory requirements. The system must be designed in a way that the operation and manufacturing will not be affecting the environment negatively. The carbon footprints for system must be below statutory limits.

Maintainability: The system must be designed in a way that the system can be maintained and serviced on a regular basis.

Interoperability: The system is designed in a way that it becomes capable of integrating with various operating systems and can be modified according to user requirement.

Recoverability: A system must be capable of recovering data from crash. It becomes mandatory that system is having the inbuilt criteria for recovering themselves.

Security: Security measures for TechControl Web Information System require being embedded within the system for making sure that records are found in the system. The system should be involved for secure and unauthorized personnel for accessing them