

What is a Requirement?

The requirements are the high-level descriptions about a particular system services, constraints or to a detailed specification that are generated during the requirements gathering process.

Requirement Types:

- **User Requirements** - It is a detailed description in natural language along with diagrams of the services the system provides and its operational constraints. It is usually developed by end users.
- **System requirements** - It is a structured document detailing the descriptions of the system's functions, services and operational constraints.
- **Functional Requirements** - It describes the services of the system, how the system should react to particular inputs and how the system should behave in definite situations.
- **Non-functional Requirements** - It describes the attributes of the system.
- **Domain Requirements** - Requirements that arises from the domain of the application and that reflect characteristics of that domain. It can be either functional or non-functional specifications.

Requirement Document Structure:

- Preface
- Introduction
- User requirements definition
- System architecture
- System requirements specification
- System models
- Appendix