1. **Availability:***The availability of a system to be accessible and operational for users when it’s needed. Minimizing downtime and service interruptions.*
2. **Predictability:***The ability of a system to behave consistently under the same conditions, producing expected results and reducing unexpected errors*
3. **Project measures:***Metrics and indicators used to evaluate project progress, performance, quality, cost, and schedule. Ensuring goals, requirements are met efficiency.*
4. **Software Design:***The process of defining software architecture, components and interfaces. Flow to meet performance, functional and requirements effectively.*
5. **Design strategies:***Design strategies are systematic approaches used to structure software, ensuring scalability, maintainability, efficiency and usability. Meeting functional requirements while minimizing errors.*
6. **Test coverage:***Test coverage measures the extent to which a software system is tested, including code and requirements. And functionality, helping identify untested areas and quality*
7. **Change request:***A formal proposal to modify a system, software or a project. Including updates and requirements, design or functionality.*
8. **Depth in Tree (DIT):***DIT measures the number of levels from a class to the root in an inheritance hierarchy. Indicating reuse potential and testing effort required.*
9. **Failure characteristics:***Attributes, describing how and why a system or a component fails.*
10. **Mean Time Between Failures (MTBF)’):***A reliability metric representing the average time a system or a component operates without failure.*