



WEBSITE'S FUNCTIONAL AND NON FUNCTIONAL REQUIREMENTS

Outline the main requirements for website including functional and non functional requirements

a website have lot of interactive elements and static attributes associated with it. It contain written words' images' multimedia applications' graphics etc. to design a website the main languages which are used are HTML' XML which is a extension of HTML only and CCS.



Typical functional requirements of a system are

- Following of business rules 'a website should have the fundamental characteristics of the business it is serving. For example a bank system should have the capability to maintain account records
- Ability to make transactions' corrections and cancellation of the work it has done.
- External interface should be present so that an outside user is able to use the system.



- Legal and regulatory requirements need to be followed. The system should be able to comply with the legal requirements of a business and follow the regulations of its governing body.
- It should be in a simple language and non ambiguous in nature to make itself user friendly and easy to navigate
- It should have the facility to provide authorization to its users. This way different level of users can perform work on same system as per their user authority.



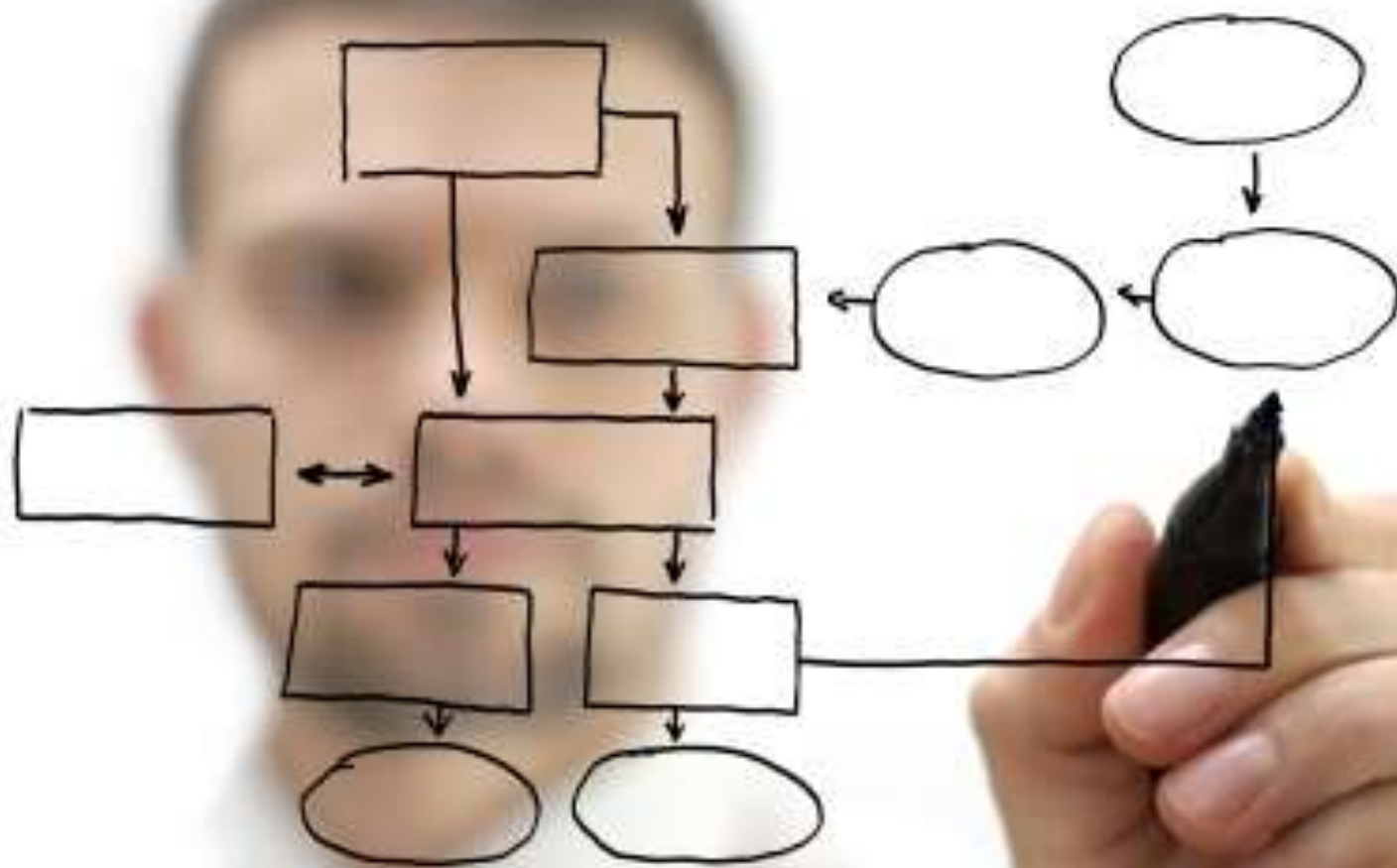
NON FUNCTIONAL REQUIREMENTS



The non functional requirements are

- **Performance parameters:-** this includes the response time of the system' utilization level of both static and volumetric type' throughput etc. these parameters are standardized so a system has to follow them.
- **Recoverability:-** a system should be able to make a recovery from a crash. It is required that system has the inbuilt ability to recover themselves.
- **Security:-** security measures should be embedded in the system to ensure that the records present in the system are secure and no unauthorized personnel can access them.





- **Maintainability:-** the system should be designed in such a way that they can be serviced and maintained on a periodic basis.
- **Environmental requirements:-** it is one of the legal and regulatory requirements as well. The system should be designed in such a way that its manufacturing and operation does not affect the environment in a negative way. The carbon foot prints of the system should be below the statutory limits.
- **Interoperability:-** the system should be designed in such a way that it can work in integration with different operating systems and they can be changed as per the requirement of the user.





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