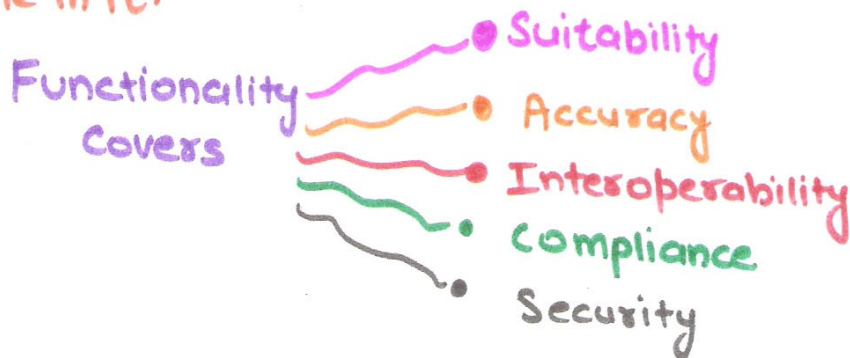


# Software Characteristics

Software Characteristics are classified into Six major Components.

## • Functionality

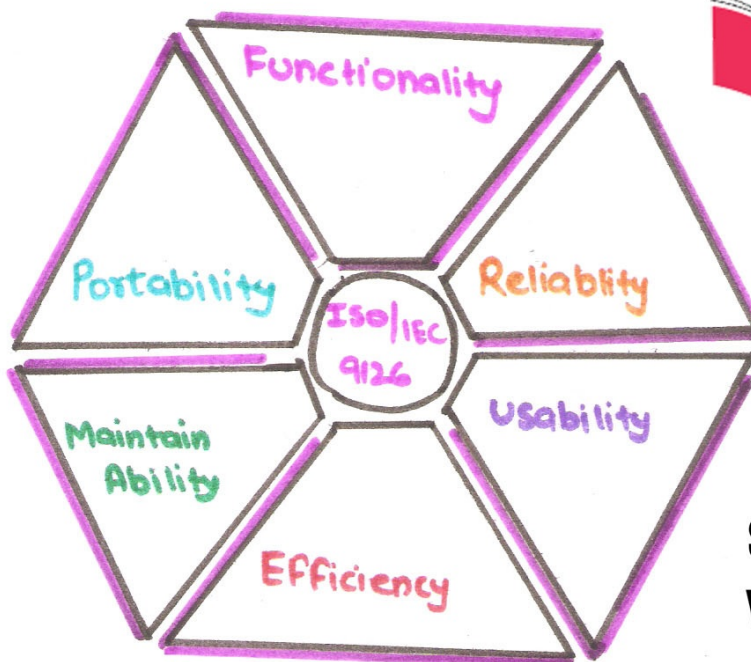
It Refers to the degree of performance of the software against its intended purpose. It basically means **Are the Required Functions available in it?**



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# Software Characteristics

- **Reliability:-** A set of attributes that bear on the capability of software to maintain its level of performance under stated conditions for a stated period of time.



- **Efficiency:-**

Refers to the ability of the software to use **System Resources** in the most **Effective** and **Efficient Manner**. The software should make effective use of **Storage Space** and **executive Command** as per desired **Timing Requirement**.



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- **Usability:-**

Refers to the extent to which the software can be used **with Ease**.

OR the amount of **Efforts or time** required to learn how to use the software should be less.



- **Maintainability :**

Refers to the ease with which the modifications can be made in

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a software system to extend its functionality, improve its performance, or correct errors.



- **Portability** :- A set of attributes that bears on the ability of software to be transferred from one **Environment** to **Another**, without or minimum changes.



- **Robustness And Integrity** are also important

### Robustness

It refers to the degree to which the software can keep on functioning inspite of being provided with **Invalid Data**.

### Integrity

It refers to the degree to which **UNAUTHORIZED ACCESS** to the software or data can be prevented.

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