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Usability Definitions:

There are two definitions to usability that are complimentary of each other and takes on different approaches. One of the definitions talks about the definition of usability and the definition of quality that are in terms of measurable design objectives, while the other focuses on identifying the requirements has a connection with the earliest stages in design. Both of these approaches need to be combined during the design and development process in order to successfully provide a usable product. The goal of quality is needed to support user centered design, while the concern on interface is needed for development.

Use in Context:

Use in context refers to the importance of specifying usability requirements and verifying that they have been achieved successfully in a usability test in user centered design. All the results of the test are then documented for usability test reports and is also used to specify information about consumer products, so the purchaser can determine the ease of use of the product.

Software Interface and Interaction:

These standards are used to help support user interface development by specifying details of the appearance and behavior of the user interface and recommendations for multiple interfaces, provide detailed guidance on the design, and provide criteria for the evaluation. The attributes depend on the nature of the user, the task, and the environment. This allows for usable products to be produced by incorporating both product features and the attributes that are known to benefit the users.

Hardware Interface:

Hardware interface standards are used in the design and evaluation of workplaces, screens, keyboards, and other input devices. However, most of these standards contain explicit requirements.

Documentation:

Documentation provides a detailed process for the development of the product and gives more guidance on how to produce effective documentation that will meet the users' needs.

Development Process:

The development process explains all of the activities that are required for an user centered design, and also outlines that types of methods that can be used during the process.

Usability Capability of the Organization:

The usability capability of the organization can be used to evaluate the extent an organization can carry out user centered design, and each process can be rated on a software process assessment scale as incomplete, performed, managed, established, predictable, or optimizing.

Other Related Standards:

Other related standards talk about the requirements for use of visual display terminals and the principles, how task requirements can be identified and specified within the organizations, the principles related to a mental workload by explaining the terminology and definitions, and guidelines and recommendations for the design of systems and software that will enable users with disabilities to have accessibility.