

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

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#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

Software is a set of instructions to acquire inputs and to manipulate them to produce the desired output in terms of functions and performance as determined by the user of the Software.

- ✓ Software does not wear out like Hardware, and is not degradable over a period. Hence, it does not die and can be considered immortal.
- ✓ Software is developed or engineered rather than manufactured, in the classical sense.
- ✓ Software is both a product and a vehicle for delivering the product.
- ✓ Software is classified into two classes: Generic and Customized
 - Generic software is designed for a broad customer market whose requirements are very common, fairly stable and well understood by the software engineer. Examples are database products, browsers, CAD/CAM packages, OS and system software.
 - Customized products are those that are developed for a customer whose domain, environment and requirements being unique to that customer cannot be satisfied by generic software. Examples are traffic management systems, process control systems, hospital management systems etc.
- ✓ There are different software like System Software, Business Software, Embedded Software, Design Engineering Scientific Software, Artificial Intelligence (AI) Software

Software Engineering is the establishment and use of sound engineering principles in order to obtain economically software that is reliable and works efficiently on real machines. It consists of four layers shown in figure, hence it is called a Layered Technology.



The layers are:-

- ✓ **Quality frame** - It is the bedrock that supports Software Engineering.
- ✓ **Process layer** - This layer act as a binding medium that holds all the layers together and enables development of high quality software, in time.
- ✓ **Methods layer** - It includes a set of tools such as requirement analysis, program construction, testing and support.
- ✓ **Tools** - Software Engineering tools provide automated or semi-automated support for the process and methods.

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Software Engineering And Project Management Notes