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Mechanical Engineering

MEE 586 Assignment

(1) An Integrated CAD/CAM System provides one model supporting both design manufacturing functions instead of having various file formats, data translations/conversions and different CAD and CAM models.

(4) System Software: This includes the programs that are dedicated to merging the computer itself. Such as the operating system, file management utility, and disk operating system (or Dos). The operating system manages the computer hardware resources in addition to data and applications.

(ii) Application Software: They are sometimes called productivity programs or end-user programs because they enable the user to ^{complete} ~~perform~~ tasks, such as spreadsheets, databases and publications, doing email, designing graphics, running business) and even playing games.

Application software is more specific to the task, it is designed for and can be as simple as a calculation application or as complex as a word processing application.

Web Application: A web application is a computer program that utilizes web browsers and web technology to perform tasks over the internet.

(3) Efficiency: An Efficient Software is that which can use less resources such as CPU in terms of time and usage to give a better ^{list} output.

Simplicity: A software must be simple to use and easy to understand and must be user friendly.

Readability: This provides the capability with or the software to help the user as when required

Portability: The software must have the capacity to get transferred from one system to other

Flexibility: A software must be able to incorporate the desired modification with ~~not~~ without much difficulty

Reliability - To avoid casualty the software must be able to avoid unwanted operation

Recover Ability: A good software must be able to give warnings before getting crashed and must be able to recover