Cools of HCI USABILITY one of the trey concepts of HCI It's easy to learn concerned with nating systems and use. A ususle system is - Easy to learn - Fasy to remense how to use - Effective to use - Efficient to use - Sige to use - Enjoyable to use D Sylety - means protectip the user from dangerous conditions and undesirable saturations · Nuclear energy plant or bomb-disposaloperators should interact with computerbased systems removely
· Medical equipment in Intensive care unit (ICU) Prevent user from making serious errors by reducing risk of wrong keys buttons being mistakenly activated activated a provide user with means of recover of errors "Ensure privacy (protect personal information such as habits and address) & scarly (protect sensiture information such as passwords, VISA card numbers).

Dutlity - extent of providing the right that weeks can do what they need or want to do. · Higher Utility
- Scientific calculator provides may mathematical
operations, built-in formulae, and is
programmable · Low while · Software draw if tool does not allow free hand draw if but supports polygon shape drawif drawing 3 Effectiveness: Concern a user's aboutly to accomplish a desired goal or to carry out wor work. worle. "Find a master theirs in our blocary web. Efficiency: a measure of how quickly users can accomplish their goals or finish their work very fee system.

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e How about a nester thesis whose author's last name is "Cheng"?
. How about the newest boots in the subject of human computer luterachin"?

(1) Usabality: means ease of learn pandease of use · Can I use the basic fuelow of a new digital camera introut readifier manual? les. Because diptel camera products have différent fundamelities on their buttons (5) Appeal: how well the user likes the System · first impression · Long-tern inpression sabsfaction HCI Goal Example · Use Microsoft Word as an example Goals Achieved? Example Warnap for "Exit before Same" Sugery Yes A lot of word process Pfuetions & Sprottided student can edit equations Utility / tes Defalls template avoids intral Effectiveness Yes Efficiency Les Twos help ease of learning Usably Yes Interfect is attractive Appeal Yes

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Cost

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· User tasks: edut file, save file, etc. · Inter thin: Use mouse to chale the objective its edit document sound see paper bound paper together, reful (MIMP), etc. Who mande to chale "File" 1 con " Indirection of the strates march, powers " Indirection of put an edge of the strate · Fichmal part: Stapler ejection gap "MORD" i'con, observe word & invoked execution, the healing, etc. · objective: to bind poper together the stakes Mard processor

resemble ut system, when attention, reasoning of respective moderning and decision making.

Need to take who accounts beginding processes.

Provides knowledge about which was some and · Supply theories, modelly tods, guidance and methods that can bed to the design of " there in forme time process of referred to as Courses of problems users encounter beller where the products. countries expected to do. Human cognition process is involved when why do we need to understud themans? much are 3 more companied of HCI - Cummilia - Interaction Componets of HCI

luterfice is made up of a sel of hardwark devices and suffmant tooks from the computer side and a sixtem of second, motor and Interaction teles place at the Interface There are number of wells it which the batch imput, direct man pulation etc. impulse and the survey perceptual mutur response by the command and scale upon to the · Must weder what are were good and what is Deteration?