



THE APPLICATION OF ICT

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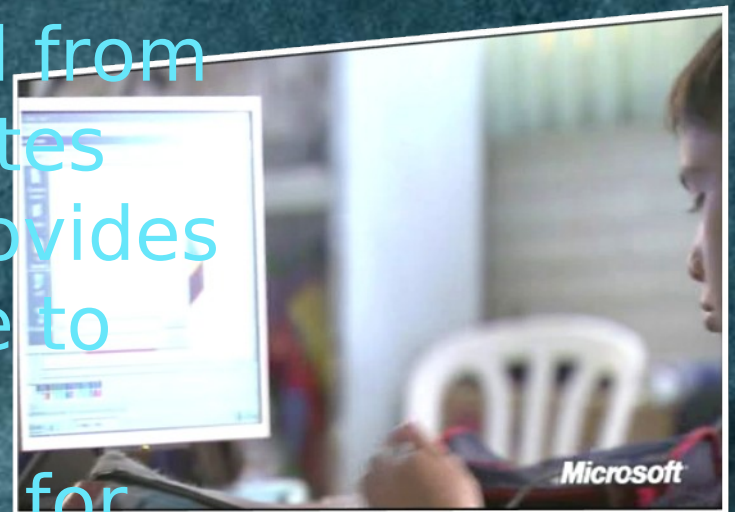
OBJECT OBSERVATION

PUSAT SISTEM INFORMASI
MANAJEMEN (PSIM),
MATHEMATICS DEPARTMENT
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STATE UNIVERSITY OF MAKASSAR

HUMANWARE refers to the persons who program, design and operate a computer installation. Such as System Analyst, Programmer and computer operator.

HARDWARE is a comprehensive term for all of the physical parts of a computer, as distinguished from the data it contains or operates on, and the software that provides instructions for the hardware to accomplish tasks

SOFTWARE is a generic term for



Is the humanware
competent enough
???????



The qualification:

- Training
- certificate

The elements of hardware used:



1. MONITOR

An instrument or device used for observing, checking, or keeping a continuous record of a process or quantity

2. CPU

Computers .central processing unit: the key component of a computer

system, which contains the circuitry necessary to interpret and execute program instructions.

3. KEYBOARD

A panel of keys that operate a computer or typewriter.

4. PRINTER

A machine for printing text or pictures onto paper, esp. one linked to a computer.

5. SPEAKER

A speaker is an electrical device used to make sound or music louder.

Cont....

6. MOUSE

A hand-operated electronic device that controls the coordinates of a cursor on your computer screen as you move it around

7. HUB

A device for connecting multiple twisted pair or fiber optic Ethernet devices together and making them act as a single network segment

8. MODEM

A device for transmitting usually digital data over telephone wires by modulating the data into an audio signal to send it and demodulating an audio signal into data to receive it.

9. TV

A system for transmitting visual images and sound that are reproduced on screens, chiefly used to broadcast programs

The elements of software used:



Data base system



Information via tv system



Message gateway system



password

BASE DATA SYSTEM:

1. IT IS DESIGNED BY USING MC.ACCESS AND SQL SERVER 2000.
2. THE OPERATING SYSTEMS WHICH IS USED ARE WINDOWS 2003, WINDOWS XP, AND WINDOWS SEVEN

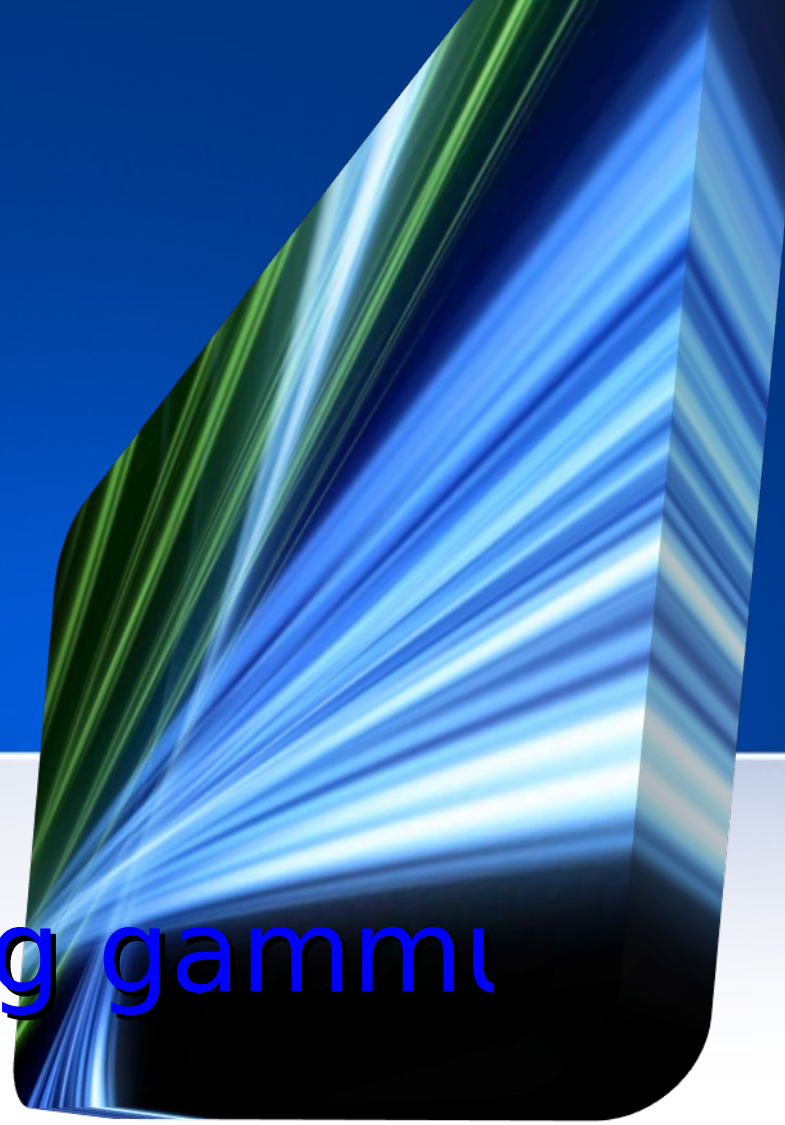
3. THIS IS IS USED TO STORE ANY INFORMATION DURING THE LECTURING.

IT CAN BE ACCESSED ONLY BY THE MAIN OPERATOR AND THE LECTURER



- **It is designed by the alum**
- **Can be accessed by all**
- **It provides any informatio**

1. It
is operated by using gamma
system 2. Can
be accessed by the students



THE SECURITY LEVEL

- **super administrator: ICT center which is center of academic information system in UNM**
- **Administrator: operator, lecturer; Inputting and editing all stuffes**
- **Semi administrator:assistant's operator (students); Input data but cannot input grades**
- **User: students, lecturer,officer**
Only access information

reference

- http://wiki.answers.com/Q/What_do_you_mean_by_a_modem
- <http://www.openprojects.org/hardware-definition>
- <http://www.thefreedictionary.com/modem>