Assignment #4

# Class Review

What I have learned since the beginning of this class has been a broad amount of information, starting with the basics we went over Basic technology and their functions.

* We went over the relationship between data and information, which data is raw pieces of information and information is data that has been given context.
* I am also able to identify the difference between applications and operating systems, which an application is something you are able to download off of the internet contrasting from an operating system comes installed with the device that you own.
* Learned that storage devices in electronics records and retrieves items to and from storage data. So the storage devices keep track of the items in storage media.

## GitHub

I have also learned the basic functions of the website tool GitHub. This allows you to make your own repositories for any project you can think of. In my case we used this for class assignments. The first project assigned too us was to create a wiki page on any subject and it was very useful because it made me more familiar with GitHub and the functions using GitHub.

GitHub was used for all our in class assignments another assignment I enjoyed was creating the spreadsheet in MS access which I feel as taught me a very important skill needed for future assignments and projects. I created a data sheet filled with information that was entered with different working functions.

## Computers

We discussed in class how the internet became functional in 1969. This allowed scientist at different locations to share and work together on experiments and world issues. This was also able to function and didn’t stop early scientist to work because the network would still run if it was disabled or destroyed by an outside source.

## Components

We went over various computer and mobile device casings and the components that they were designed to protect.

* Motherboard

The motherboard is the main circuit board of the computer and it contains integrated circuits

* Processors

The CPU carries out basic instructions to the device such as a computer or laptop. A multicore processor is a single chip with two or more separate processor cores.

* Memory

Memory consist of electronic components that store instructions waiting to be executed by the processor, data needed by those instructions, and the results of processing the data.

The basic three categories are the operating system, applications, and data being processed.

* Power Supply

Mobile computers and devices can run using either a power supply embedded in the pc or a battery in the device. Batteries are most likely to be rechargeable and long lasting.