ACTIVITY No. 4 : Understanding Human Computer Interaction using Paradigm

Objective

1. Identify interactive system designs in terms of its usefulness and usability.
2. Describe good and bad designs from existing computer technologies.

Materials
- Personal computer
- Internet connection

Background

HCI is the study of how users interact with computer technology. We will look at these technologies from a user's point of view whether it allows the user to do what the user wants to do: *quickly, efficiently and effectively* looking further whether interactive systems are *usable, useful and accessible* to its expected users.

Procedure

1. For each of the following systems, identify whether it is useful or usable. Justify your answer.

Define: **Useful**
Answer: According to the oxford dictionary, useful; adjective, is when an object is able to be used for a practical purpose or in several ways. An example is "A pen and notebook is useful for writing your thoughts".
Source:
Define: **Usable**
Answer: According to the Oxford dictionary, usable; adjective, is when an object is able or fit to be used. An example, "a small fire is usable".
Source:

2. Your answer must be in the form:

System X is (not) **useful** because_____
System x is (not) usable because _____

Note: What you write after 'because' is important, because this demonstrates the thinking behind your answer. This means you should always say why you have answered the question in the way you have.

a.) An automated teller machine(ATM) for a user wanting to withdraw money

URL:
ATM system is usable because you can use the machine to withdraw your money but you can also withdraw your money via the bank teller and therefore making it safer.

b.) An ATM for a visually impaired user wanting to withdraw money.

URL:
ATM system for visually impaired is useful because it gives convenience and ease of use to the visually impaired thus helping them access and withdraw money despite their drawbacks.

c.) The olx.com.ph OR carousell.ph website for a user wanting to buy a Harry Potter book .

URL:
Carrousell.ph search system is useful because it finds easilt pre-loved items such as popular books and clothes.

d.) The olx.com.ph website for a user wanting to buy a book containing the image of Grace Hopper.

URL:
The website system is usable because you can find items but not specific or niche items such as the image of grace hopper.

e.) The Facebook.com for a user wanting to gain and communicate with friends.

URL:
The facebook system is useful because it helps facilitate communication between its users thruogh its servers.

f.) The facebook.com for a user wanting to know a person's location.

URL:
The facebook location sharing system is usable because you don't need to share your location in order for it to work fullt.