

### ACTIVITY No. 3 : Interacting with Computer Technologies

#### Objective

Examine users' ability to communicate with technologies.

**Time:** 1 hour and 30 minutes





#### Materials

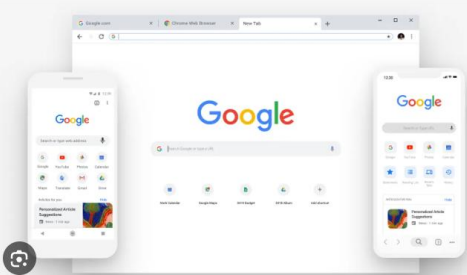
Personal computer

Internet connection




#### Procedure

- a. Search 5 technologies which designs depict for easy interaction with users. Provide picture for each technology.

<p>1.</p> 	<p>Name: QWERTY Keyboard layout</p> <p>A qwerty keyboard layout that implements an efficient typing practice among its users</p>
<p>2.</p> 	<p>Name: Vertical Ergonomic Mouse</p> <p>A vertical ergonomic mouse that serves as a way to avoid hurting your wrist when using the mouse in the long run.</p>
<p>3.</p> 	<p>Name: Laptop Stand</p> <p>A way to elevate your laptop to meet your eye level and help circulate air flow for the fans</p>
<p>4.</p> 	<p>Name: Bluetooth Earphones/Peripherals</p> <p>A convenient way to listen or do anything with your device without the use of wires, via a dongle or the built-in Bluetooth in the system.</p>

<p>5.</p> 	<p>Name: Google User-Interface</p> <p>An easy to look at, fast and very understandable ui on where to go, what to do, and how to do it.</p>
<p>Source:</p>	

b. Search 5 technologies which designs depict for difficult interaction with users. Provide picture for each technology.

<p>1.</p> 	<p>Name: No Earphone Jack</p> <p>The loss of earphone jacks to some newer phones of today, losing functionality over “water-resistance”.</p>
<p>2.</p> 	<p>Name: No universal charging cable type</p> <p>Issue between apple and other phones having no universal charging cable type thus having to find a specific type of charger to use the phone. More costly.</p>
<p>3.</p> 	<p>Name: Removal of charging power brick from new phones</p> <p>Some newer phones have no power brick in the packaging for “environmental” issues despite having to buy and ship a power brick in a separate container</p>
<p>4.</p>	<p>Name: Hard to fix phones</p> <p>Hard to fix phones increase the chance of hurting the environment due to older broken phones being thrown away instead of just fixing it.</p>



Name: Faulty Batteries



Faulty batteries increase the risk of overheating the phone and causing danger to the user

5.

Source:

- c. Choose only one technology ABOVE in easy and difficult interaction with users.
- d. Provide picture and description on the functionalities and features.

Easy Interaction



A convenient way to listen or do anything with your device without the use of wires, via a dongle or the built-in Bluetooth in the system.

Difficult Interaction



Issue between apple and other phones having no universal charging cable type thus having to find a specific type of charger to use the phone. More costly.

e. Provide explanation or justification why you say that interaction is easy or difficult. Comment on the designs

EASY INTERACTION	DIFFICULT INTERACTION
The interaction between a bluetooth device to the user is its functionality on providing output to the user despiute the absence of a wire. It is as simple as having a dongle connected to your device or your device already having the bluetooth built in. Thus, making it very easy for the user to do whatever they want to.	The interaction of having to find a specificed charger for your phone is very difficult. Although this issue applies mostly to Apple and Android devices, there is the issue of much older phones not using USB type-C and being left behind. Thus, more costs and more difficulty trying to find ways to keep your phone on.

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