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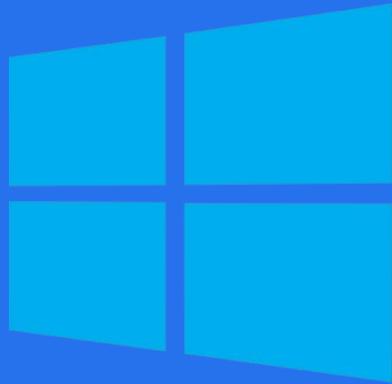


# A Head-To-Head Match Up

Nico C. Calunia

Xavier University Grade School – Ateneo de Cagayan

# Overview



Both Windows and Eskwela are **operating systems**.  
Operating Systems aka **OS** serve as the bridge between the user (YOU)  
and the hardware (the physical computer).



**Windows** is an operating system developed by Microsoft. It rose to its throne in the 1990s when it dominated all other operating systems and successfully maintained it in the 2000s. It's current versions are the Windows 7, 8 and 10. **Note:** 8<sup>th</sup> of April 2014, it dropped support and updates of Windows XP.



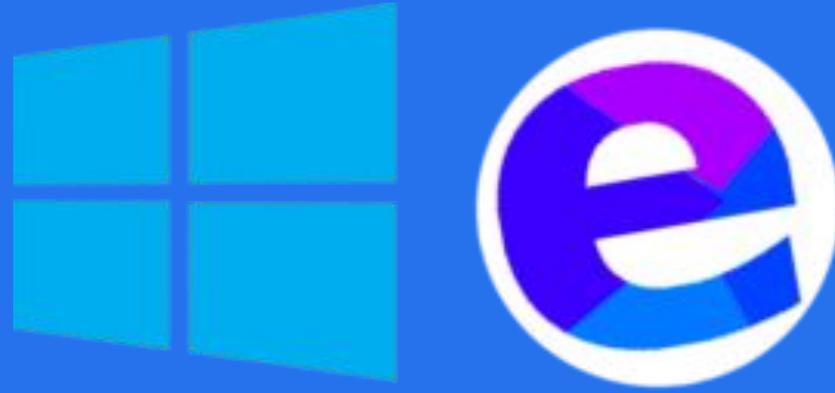
**Eskwela** is an operating system based on Linux, Ubuntu in particular. Its main goal is to support computers who used to have Windows XP on it and other old computers which has little resources. It was aimed to be installed to older or refurbished computers for children in the schools. Currently, Eskwela has versions 1 and 2. Both based on Ubuntu 14.04 – Long Term Support.

# Just a gentle reminder

The data presented here are **NOT** to say that one is better than the other. In all honesty, no operating system is perfect. Not even the well acclaimed **Macintosh OS X** or **Apple's iOS** (which are not presented here) are perfect.

All operating systems have its own share of flaws and weaknesses.





So, let us get started.

# ISO and Installation

		
ISO size	3.5 GB(Windows 10) 3 GB (Windows 8/8.1) 2.7 (Windows 7)	1.3GB (v1) 800+MB (v2-32bit) 900+ MB (v2-64bit)
Post-installation size	7 GB	3.5 GB

The size of the installation image of Windows is 2-4 GB. So if you download the image it will take you more time to download and more bandwidth needed. In contrast to Eskwela OS, it is 800MB – 1.3 GB. It will take you less time to download and less bandwidth needed. Remember more bandwidth means more cost.

**Eskwela OS** has an advantage in this area.

# Minimum Requirements

Minimum Requirements		
RAM	1 GB (32bit) 2 GB (64bit)	256MB (Live) 512MB (Desktop) (32bit and 64bit)
Processor	1 GHz speed	At least 700MHz speed
Disk space	16 GB (32bit) 20 GB (64bit)	6.1 GB (32bit and 64bit)

In this category, **Eskwela OS** is a wiser choice. You have less resources to meet the requirements of your operating system. Less resources means less cost and less electricity consumption.

In Windows, systems with less than 1GB of RAM will not be allowed to install.

# Bundled Software

This compares a clean install of both Windows and Eskwela OS.

		
Word Processor	None	WPS Writer
Presentation Software	None	WPS Presentation
Spreadsheet	None	WPS Spreadsheet
CD/DVD Burner	None	XFburn
Text Editor	Notepad	Mousepad
Browser	Internet Explorer / Edge Browser	Google Chrome
Flash support	None	Built-in Google Chrome

# Bundled Software

		
Photo Editor	None	GIMP
Email Client	Outlook	Geary
Media (Music and Videos)	Windows Media Player	VLC
PDF Reader	None	PDF Reader Ezine
Archive	Windows Archive (supports .zip)	Archive Manager (supports .zip, .rar, .gz)
Torrent Client	None	Transmission

Eskwela OS has almost all the software you need for the Filipinos everyday use. Windows needs more software after a clean install.

**Eskwela OS** is ready to use after installation.

Although in Windows, you can install MS Office which utilizes more storage on your harddrive.

# Support and Installing Software

		
<b>Support</b>	For Genuine Windows <ul style="list-style-type: none"><li>- Online support</li><li>- Hotline support</li><li>- Get in Touch with Windows</li></ul>	Through: <ul style="list-style-type: none"><li>- Community Forums</li><li>- askubuntu.com</li><li>- <i>Google</i> is your friend</li></ul>
<b>Installing Software</b>	Double click and install It is very easy!	<ul style="list-style-type: none"><li>- Go to the Terminal and type lines of command</li><li>- You can use <i>AppGrid</i> (already installed in Eskwela OS)</li></ul>

It is clear that **Windows** is better at this. If you had some troubles, you can call Windows, chat with them online, etc.

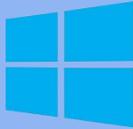
But take note, this is only for those who has **genuine copies of Windows**.

# Price

		
Price	For Genuine Windows ₱1,000 – ₱3,000	₱ 0
	For Genuine Microsoft Office ₱800 - ₱2,000	₱ 0
	Genuine Photoshop ₱ 1,000	₱0

**Eskwela OS** is offered free to use, modify and redistribute. If you do not patronize pirated software, then Eskwela OS is much and way better and costs free.

# Gaming

		
Games	There are millions of games built for Windows. From LAN and Online.	There are only some made for Eskwela.
Browser Games	You can play games on the browser like y8.com if you have flash installed.	You can play games inside the browser easily without installing any software

This is where Windows shine. Game developers made games compatible with Windows. Why? Because windows is used by most people. And when most people use it, they get more money from it.

**Note:** STEAM, the company which made DOTA2, has a linux distribution named *STEAM OS*. In the future gaming might support operating systems that are open-sourced, like Eskwela.

# Ease of Use

		
User	Most Filipinos use Windows on a day-to-day usage, so it is not that hard.	It might take some time for windows users to efficiently use Eskwela OS. But all can be learned.

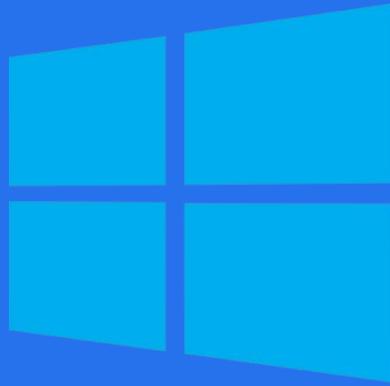
**Window** is a clear winner in this department. Filipinos are accustomed to using windows. But in the next few years, especially with the ASEAN integration, Filipinos should not be too conscious of what operating systems they are using. Most of our neighboring countries use Linux. Although it is still predominantly windows, we should try to adjust. The rise of mobile platform is here. iOS and Android will become bigger than what they are today.

**Note:** Android is a specialized linux for mobile phones.

# Virus / Malware

		
<b>Virus Attacks</b>	<p>Windows is very vulnerable to virus attacks. That is why Antivirus softwares were created for Windows.</p>	<p>There are relatively very few virus attacks in Ubuntu. And if there were, they do nothing or little harm at all compared to viruses in windows.</p>
<b>Malware and Hacking</b>	<p>Well needless to say, Windows experienced some major attacks in the past few years. I guess it still plagues Windows even until now.</p>	<p>Linux's administrative priviledges gives users limited access to the system. We install most of the software through the terminal so we know what we are installing.</p>

# Your thoughts?



Is it Windows or Eskwela OS?

# And if you do choose Eskwela OS...



Please support its continuous development.  
Made by Filipinos for the Filipinos.

Please support Eskwela OS by sharing it to  
friends and joining our social media sites:

Facebook: <http://www.facebook.com/eskwelaos>

Forum: <http://www.symbianize.com/showthread.php?t=1316233>

# Just an addition...if not too much.



In the development of Eskwela OS, the Filipino children were in the mindset of the developer. Eskwela OS was aimed to be installed to refurbished computers for public school children in the Philippines.

The developer would like to ask some help for the continuous development of this operating system. If you know of people who might want to assist in achieving the goal to which Eskwela OS was made, please feel free to share this presentation with them.

In the near future, the developer will be embarking on installing Eskwela OS on the Raspberry Pi, a single board computer, which costs only \$35. And the Raspberry Pi Zero which costs \$5. These pieces of hardware will certainly be of great help in letting our children learn more about technology, make them more computer literate and hopefully a better future for our country.

For God's Greater Glory!