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IST 110

BestOS Assignment

Windows

- **Pros:**

- o Is very user-friendly as it is very easy to navigate for the general user.
- o It has a very extensive driver support which makes it compatible with almost all hardware.
- o Most widely used OS and is very software development friendly.

- **Cons:**

- o Prone to virus and malware attacks since it requires regular updates and anti-virus protection.
- o Many paid software programs, even Microsoft products.
- o Can slow down and required constant maintenance

Mac

- **Pros:**

- o Simple and clean user interface.
- o Very fast and efficient with apple related programs
- o Integration with other apple devices: iPad, iPhone, etc.
- o Very strong security and less vulnerable to malware

- **Cons:**

- o Extremely expensive hardware and software
- o Limited hardware options and systems are non-upgradable
- o Less applications and limited gaming potential

Linux

- **Pros:**

- o Open source and free to use with many customizable options.
- o High security because of fewer vulnerabilities.
- o Fast and easy updates, ideal for servers.

- **Cons:**

- o Very steep learning curve for new users.
- o Limited driver and software support.

- o Fewer commercial software and games.

Non-profit social service organization

- Since they are non-profit, they should go with the cheapest option: Windows. Also, as a social service organization, they only need technology to help organize data and write papers. So, Windows would be the best option as it contains all the software, they need at the cheapest price point.

Small interior design firm

- Although it may be a small firm and this option could be costly, I would still go with Mac. The Mac operating system specializes in graphic design, and anything related to art. It would greatly benefit this firm as they would easily be able to create the mockups that they need with Mac's software.

Social media advertising agency

- This agency's main focus should be on processing power as they are going to need to render scenes quickly and efficiently. Although you could reach higher computing power with Windows, at that point the pricing would not make sense. Therefore, I suggest going with Mac as it is very compatible with adobe software and has very fast processing as well.