Choose the best OS

Pros and Cons Lists:

Windows OS

Pros

- Widely compatible with software and hardware.
- Cost-effective for organizations on a budget.
- Great for general office work, accounting, databases, and nonprofit management tools.
- Easier tech support availability.

Cons

- More vulnerable to viruses and malware.
- Can slow down over time without proper maintenance.
- Not as strong for creative/graphic-intensive industries compared to macOS.

Mac OS

Pros

- Excellent performance with creative software (graphic design, video editing, 3D rendering).
- Reliable, stable, and less prone to viruses than Windows.
- User-friendly interface.
- Great for cross-device integration (iPhone, iPad, Apple ecosystem).

Cons

- Higher upfront cost for hardware.
- Limited hardware upgrade options.
- Smaller library of specialized nonprofit/business software.
- Less customizable than Linux.

Linux

Pros

- Free and open-source (great for tight budgets).
- Highly customizable.
- Very secure and stable.
- Excellent for servers, developers, and technical environments.

Cons

- Steeper learning curve for non-technical staff.
- Limited support for mainstream business/creative applications (Adobe Suite, Microsoft Office full versions, etc.).
- Requires more IT expertise for maintenance.
- Not ideal for industries that rely heavily on specialized commercial software.

Choosing an OS for different organisations:

Nonprofit Social Service Organization:

Windows is appropriate because it is affordable, widely supported, and compatible with productivity and accounting software; Mac OS is not ideal due to cost; Linux could work for budget reasons but might frustrate staff without technical experience.

Interior Design Firm:

Mac OS is the best choice because it supports creative applications like Adobe Creative Cloud and CAD software seamlessly; Windows could work but isn't as smooth for creative workflows; Linux is inappropriate because it lacks support for design software.

Social Media Advertising Agency:

Mac OS is the most appropriate because of its strong creative software support and media production tools; Windows could work for general office tasks but lacks the same creative edge; Linux is inappropriate because social media marketing requires commercial creative tools that don't run natively on Linux.

Final Decision:

- <u>Nonprofit Social Service Organization</u> → Windows
  Best balance of affordability, compatibility with nonprofit software, and ease of use for staff.

- <u>Interior Design Firm</u> → Mac OS
  Strong creative software support, smooth workflow for designers, and professional presentation.

- <u>Social Media Advertising Agency</u> → Mac OS
  Perfect for video editing, graphic design, and social media content creation.