Windows

* Pros:
  + Compatibility: Compatible with the most software applications and hardware devices. Access for CAD programs which is great for interior design firms. Also able to mix and match hardware
    - Great for social media and interior design companies
  + Ease of use: Most popular OS so most people would be familiar with it
    - Great for a nonprofit social service as it is simple to use
  + Enterprise Support: Strong support for business applications and enterprise features (Active Directory, Group Policy)
* Cons:
  + Cost: Windows licenses are not free
  + Security: The larger user base causes it to be the most prone to attacks
  + Performance: Can be slower on older hardware compared to Linux

2. Mac OS

* Pros:
  + Design-Oriented Software: Optimized for design and media work with support for Adobe Creative Suite, Final Cut Pro, etc.
    - Great for social media advertising company
  + Security: Smaller use base causes fewer attacks than Windows
  + Hardware-Software Integration: Mac OS is designed specifically for Apple hardware, allowing for optimized workloads and support for Apple ecosystem
    - Could be helpful for nonprofit if they use other Apple devices or want an experience that is optimized for non-intensive workloads
* Cons:
  + Cost: Mac hardware and software are significantly more expensive
  + Limited Hardware Customization: Cannot be run on non-Apple hardware so all devices must exclusively be purchased directly or indirectly from apple
  + Software Compatibility: Limited software support compared to Windows, for example, CAD software
    - Not ideal for interior design company as they would need specific applications

3. Linux

* Pros:
  + Free: Linux distributions are free to use
  + Customizability: Highly customizable for user specific software and hardware requirements and user has control over large parts of system software
  + Security: Linux is targeted less than Windows and Mac OS due to the small user base
* Cons:
  + Steep Learning Curve: Not as user-friendly as many distributions are reliant on the command line
    - Not helpful for a nonprofit as most people would not have experience with the terminal
  + Software Availability: Limited compatibility with mainstream commercial software, especially those required for creative work such as CAD, Adobe suit, etc.
    - This prevents Linux from being useful for an interior design company or social media team
  + Enterprise Support: Less enterprise-level support compared to Windows, requiring more in-house technical expertise

Decision:

1. Nonprofit Social Service Organization

Recommended OS is Windows because it has support for enterprise software and easy to use.

2. Small Interior Design Firm

Recommended is Windows because it has support for enterprise software and CAD.

3. Social Media Advertising Agency

Recommended is Mac OS because it is optimized for design work with support for Adobe and Final cut and is easy to use