**Report**

**Report school system**

**------------------------------------------------------**

**Best Devices**

* **Servers:**

For handling large amounts of students and teachers data , powerful servers are essential. Consider options like Dell PowerEdge, HP ProLiant, or IBM Power Systems.

* **Workstations:**

For teachers, students, and administrative staff, high-performance workstations are ideal. Brands like Dell Precision, HP Z, and Lenovo Think Station offer excellent options.

* **Personal computers (PCs) :**

Operating System: Windows 10 or higher or macOS 10.15 Catalina or higher.

            Portability: laptops (as opposed to desktop computers) strongly recommended.

Memory: minimum of 8GB RAM (16GB strongly recommended).

Processor Speed: minimum of Intel Core i5 or equivalent.

 A comprehensive LMS handles tasks like cataloging, circulation, acquisitions, and reporting. Popular options include Koha, Evergreen, and Library Thing for Libraries.

* **Net support :**

* For screen sharing and good managing for computers that allows teachers to send the information to the student

* **PowerSchool:** This is a comprehensive solution that includes features for student information management, attendance tracking, gradebook management, and more. It is used by over 40,000 schools worldwide.

  **Skyward:** This solution is used by over 7,000 schools in the United States. It offers features for student information management, attendance tracking,

**Best Operating System:**

* **Windows:**

Windows is the most widely used operating system in libraries, offering a familiar interface and broad software compatibility.

* **Linux:**

 Linux is a popular choice for servers due to its stability, security, and cost-effectiveness. Distributions like Ubuntu and CentOS are commonly used in libraries.

**Suitable Programming Languages**

* **Python:** A versatile language well-suited for developing web applications, data analysis, and automation tasks.
* **Java:** A popular language for developing enterprise-level applications, including library software.
* **C#:** A good choice for developing desktop applications and web services.
* **JavaScript:** Essential for developing web interfaces and user interactions.

**Note:** The specific choice of devices, software, operating systems, and programming languages will depend on your school’s size, budget, and specific requirements. It's recommended to consult with school technology experts to determine the best solutions for your organization.