

Availability

- Ensures that the system is accessible whenever users need it.
- Minimizes downtime and service interruptions.
- Increases user confidence in the system's reliability.

Security

- Protects sensitive user data and ensures privacy.
- Prevents unauthorized access and data breaches.
- Complies with legal and regulatory requirements.

Usability

- Enhances user satisfaction by providing an intuitive and easy-to-use interface.
- Reduces the learning curve for new users, increasing adoption rates.
- Improves user productivity by simplifying navigation and task completion.

Scalability

- Accommodates future growth in user base and data volume.
- Ensures system performance remains optimal as demand increases.
- Allows for easy addition of new features and functionalities.

Maintainability

- Facilitates easy updates and bug fixes, ensuring system longevity.
- Reduces the cost and effort of maintenance over time.
- Allows for quick adaptation to changing requirements and technologies.

Reliability

- Ensures consistent system availability and reduces downtime.
- Builds user trust by providing a dependable platform.
- Prevents data loss and ensures data integrity.