

When developing use a standard most organization use a standard of steps called the systems development lifecycle (SDLC) or the Common methodology for systems development.

SDLC includes phases such as planning, analysis, design, implementation and maintenance.

need for information security

(i) information security performs four important functions.

(ii) protects the organization's ability to function

(iii) protects the data that organization collects and uses.

(iv) safeguards the technology assets in use at the organization.

Protecting the functionality of an organization:

Decision makers in organizations must set policy and operate their organization in compliance with the complex, shifting legislation that controls the use of tech.

2. Enabling the safe operation of applications.

Organizations are under immense pressure to acquire and operate integrated, efficient, and capable applications.

3. Protecting data that organization collect and use.

(i) protecting data in motion,

(ii) protecting data at rest.

4. Safeguarding tech. assets in organization.

(i) must add secure infrastructure services based on the size and scope of the enterprise.