SDLC

A.Most organizations use information systems to operate to operate more effective, gather information, and accomplish tasks. SDLC known as system development life cycle, which provides a general outline of how an information system evolves and delineates the phases of system development. The goal of this activities is to create a project development plan.

The project development plan is usually reviewed and approved by management. This planning document includes:

* A short description of the project
* A justification of the project
* A list of project team participants
* A schedule of the project

A system development methodology guides developer through the phases of system development and specified what takes place in each phase. Project scheduling begins in the planning phase.

The analysis phase begins after the project team selects a development methodology draws up the project development plan. The goal of this phase is to produce a list of requirements.

Activities for this phase: study the current system, determine the system requeues.

B. Creating an information system from scratch with programming tools using a programming language can take many month or years. It’s usually costly, but offers the most flexibility for meeting the system requirements.

An application development tool is essentially a type of software construction kit containing building blocks that can be assembled into a software product. Expert shells and database management systems are also included. It usually speeds up the development process, but might not offer the same level of flexibility as a programming language. Application software for an information system is usually a series of preprogrammed software modules supplied by a software developer. It eliminates much of the design work requires with programming language or application development tools. Although most application software has cone customization options, in my cases if cannot be modified to exactly meet every system requirement, which necessitates adjusrworsk(эта пизда так и написана) in an organization procedures. A furkney system if essentially an “information system in a box”, which consists of hardware and application software designed to offer a complete information system solution. It might seem like a quick and easy solution, and if looks attractive to many project teams. However, it must be extensively evaluated to determine whether if can satisfy system requirements.

C. Throaty against information system are increasing as with personal computer, common threats to corporate information systems include natural disasters, power outages, equipment failures, human errors, software failures, security breaches, acts of war and malware. Corporate identify attacks can undermine customer confidence, overwhelm customer service, generate bad publicity and result in lost revenues. The Internet makes it easy to steal corporate identities. Several proactively majeures can protect information systems from threats. To help minimize risks the hardware and software Ror most corporate information systems are housed in data centers. It includes special security features and it designed to proactively reduce the risk of data loss that might occur as a result of disaster.