SYSTEM DEVELOPMENT LIFE CYCLE : SEVEN PHASES

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The first phase is Planning. The purpose of the first phase is to find out the scope of the problem and determine solutions. Resources, time,costs, benefits and other items should be considered here. This is a preliminary plan (or a feasibility study) for a company"s business initiative to acquire the resources to build on an infrastructure to modify or improve a service. The company might be trying to meet or exceed expectations for their employees, customers and stakeholders too.

The second phase is where teams consider the functional requirements of the project or solution. It’s also where system analysis takes place or analyzing the needs of the end users to ensure the new system can meet their expectations. Frameworks examination is fundamental in figuring out what a business"s needs are, and in addition how they can be met, will’s identity in charge of individual bits of the undertaking, and what kind of timetable ought not out of the ordinary.

The third phase describes, in detail, the necessary specifications, features and operations that will satisfy the functional requirements of the proposed system which will be in place.

The fourth stage is the point at which the real work starts. The development phase marks the end of the initial section of the process. Moreover, this phase signifies the start of production. The development stage is also characterized by instillation and change.

The fifth stage includes frameworks joining and framework testing - ordinarily completed by a Quality Assurance (QA) professional - to decide whether the proposed design meets the initial set of business target.

The sixth stage is the point at which most of the code for the program is composed. This is when the project is put into production by moving the data and components from the old system and put them in the new system via a direct cutover.

The last phase is Operations & Maintenance. This progression is when end clients can calibrate the framework, if they want, to boost performance, add new capabilities or meet additional user requirements.