

Assignment 3

1. Why do we need a development, test, and production environment?

Development, test, and production environments are needed because at the time of making changes, you want an environment separate for testing that does not affect in anyway the real application or environment. In that way, you can safely develop new things and test them in the different environments instead of risking the functionality of the real application.

2. What is application testing? How is it performed (related to Information Systems)?

Application testing is performing tests for an entire application, normally performed by an analysis/testing team with the purpose of finding application limits and testing application features. It can be related to information systems in the way that scripts to test the application may be run by an information system in such that it is done in an automated way.

3. What is data migration? Why is it important in an Information Systems implementation?

Data migration refers to changing a format or a location of where the data is stored so it can be used or read by another system in another location. It may be important in an information system at the time of implementing new systems, so that the new systems have a base and make already gathered data understandable. If considered at an early stage, it will also make data migration more easily when it is time to migrate to another system.

4. What is user training? When is the best time to provide user training?

User training is to teach a user how to use a system, an application, or any other device in order to promote confidence for when a system goes live. Even if a new system is powerful and new, if end users do not know how to use it or do not have confidence in using it, the system may be perceived as unsuccessful, weak, and even flawed. The best time to provide user training is before a system goes live but after the system has been fully developed.

5. What is the "Go-Live" phase? What implications does it have in an Information Systems implementation?

A go-live phase is the time when a system becomes ready and available to be used. In software development, go-live phase may refer to when an application moves from testing to production environment, as stated in the first question. Related to information systems, the go-live is the most critical milestone in a technology system implementation and if it goes wrong, it can be prove itself to be very costful and a monetary loss.

References:

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