1. Question:

Why SDLC is important in system analysis and design?

Answer:

SDLC or System Development Life Cycle is defined as a strategic plan to further enhance the development of a project or a system. The SDLC is essential to create a system as the cycle allows the user to organize and plan out the creation of the system itself. Because of SDLC, the developers are able to map out and plan the project while assessing the risks involved. The cycle also allows the developers to recognize the needs of the users and caters to their specifications. The developers are now able to design and create a system properly thanks to the SDLC and they can also test the system properly to detect bugs and errors that could be fixed and handled properly.

2. Question:

How does the three organizational environments affect the company?

Answer:

The different organization environments are able to influence the operations, internal, and external boundaries of the company. These environments or factors are able to affect the company in both small and large scale. Some factors that are present in general are economic and technological factors which is vital to a company’s success. The external factors e.g., Customer relations, Supply chain also maintain the business process of the company and allows the company itself to continue its business. The internal factors such as employees handles the day-to-day operations of the company and enables it to give service to its customers.

3. Question:

Give 2 types of Information System that is not presented during our class lecture. Discuss your answer and give one example

Answer:

* User productivity system – Several companies and organizations offer different systems that could benefit its employees and users and enhance their productivity and stimulate their capacity in work. Example: Google Workspace, Microsoft Office.
* Enterprise computing system – As stated in the term, this system aids companies and organizations in supporting different operations and work-related endeavors and handles proper management. This system also tackles the production, sales, invoice creations, accounting, and supplies that the company needs. This system allows the company to run efficiently and systematically. Example: SM Supermarket’s inventory control system.

**References:**

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* What Is SDLC (Software Development Life Cycle) Phases & Process. (2022, February 3). Software Testing Help. https://www.softwaretestinghelp.com/software-development-life-cycle-sdlc/