Cis 510

Name

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Course

Date

Cis 510 part 1

The predictive SDLC works by the assumption that project development can be organized and out of a plan. Through this, one can develop a new information system to match the plan. The adaptive SDLC refers to an approach that states that the project needs to show flexibility and also work towards the needs amendments as the project advances (Hussaneim & Hussaneim, 2020). Using any of the two approaches mentioned above brings about benefits and challenges to the project completion. One of the advantages of the predictive approach is that it offers a full measure of accuracy. This strategy further gives one a chance to convey components during the life cycle of the individual item. The other advantage associated with the move is that the requirements for a specific project are always comprehensive and well outlined. On the other hand, the predictive SDLC has some disadvantages such as over-reliance on the necessary investigation. Additionally, using the predictive SDLC requires that arrangements are made before other elements of the cycle.

The adaptive SDLC has some advantages, such as making the result of higher quality after completing the least possible time, thus promoting customer satisfaction (Del Vincento Mohono et al., 2019). The approach has improved face to face communication, and continuous inputs for the customers makes it less prone to guesswork. However, this move has some disadvantages also. One of the challenges of using the adaptive SDLC is that it has higher technical risks that could affect the attainment of the overall project objectives. Although the approach works by improving the communication, there is no point-by-point positioning within the project, thus minimal clarification of the responsibilities and future tasks to accomplish for a specified time.

References

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