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Title of Dissertation

Implementation of Healthcare IT Solutions: What are some common difficulties and some possible solutions?

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Abstract

In this paper, common difficulties that occur during the implementation of healthcare IT solutions have been evaluated. Healthcare IT solutions such as EHR (Electronic Health Record) or EMR (Electronic Medical Record) are becoming a factor for many healthcare providers. There are government supported funding initiatives being provided on a large scale in the US (HITECH) to support the implementation and development of this technology.

Healthcare IT solutions are available on the Irish market and are available to healthcare providers across the globe. Healthcare IT solutions provide support to administrative and clinical staff within healthcare provider organisations. This research has evaluated some potential difficulties that may be experienced during the implementation phase. This phase will consist of initial installation, initial setup and training/go live period. This research will discuss this phase and where the problem fits in to the software development life cycle(Rouse, 2016).

This dissertation has reflected on the healthcare IT solutions currently available based on a search of the literature. The literature was reviewed and a list of common difficulties has been established. The questionnaire was then developed based on the common difficulties established in the literature, this was then distributed and feedback on the difficulties and solutions established was gathered.

The research methods were evaluated and the top five common difficulties based on the literature was used to review possible solution for the selected top five common difficulties. Both literature review findings and questionnaire feedback was used in this section of the discussion.

References

ROUSE, M. 2016. *systems development life cycle (SDLC)* [Online]. Available:
      http://searchsoftwarequality.techtarget.com/definition/systems-development-life-cycle
      [Accessed 14/11/2016 2016].