

Assessing the Knowledge Management Requirements in Construction Industry Organizations

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Abstract

Knowledge management is a process that helps organizations to find, create, organize, share and transfer information and expertise necessary for organizational performance. It is also the strategy and practices used in an organization to characterize, and allow the adoption of knowledge, insights, content documents, and experiences.

The study aims to identify and assess knowledge management requirements in construction industry organizations while designing a knowledge-management framework.

This paper will review and assess various kinds of literature on the theories, concepts, and requirements of knowledge management when designing a knowledge management framework in the construction industry organizational environment. Moreover, the paper will review as many journal articles, books, and relevant documents as possible. The findings from this comprehensive literature review will have a significant implication for future researches in the areas as it will reveal the existing knowledge and the gaps to be fulfilled by the extended studies.

The results obtained from this comprehensive literature review will ascertain the major components of knowledge management requirements in construction industry organizations when implementing a knowledge management system. The review will also summarize the major theories, concepts, and requirements that support organizations in the designing of knowledge management initiatives within construction industry organizations.

The outcome is to identify and understand the important components of knowledge management requirements while designing knowledge management systems within construction industry organizations.

Keywords: Knowledge management, knowledge management requirements, Construction industry, Organizations.