

عنوان مقاله:

Conceptual Modeling of the Internet of Things Implementation in Hospitals Supply Chain

محل انتشار:

فصلنامه مدیریت فناوری اطلاعات, دوره 11, شماره 1 (سال: 1398)

تعداد صفحات اصل مقاله: 23

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خلاصه مقاله:

Given the complexities of supply chain networks, the firms consider modern technologies as a potential factor to improve their supply chain performances. One of these technologies is the Internet of Things (IoT). Hence, the main purpose of this study has been to achieve the conceptual model of the IoT implementation in hospital supply chains. Considering the qualitative nature of the study, relevant articles were specified through library research and collecting the related literature. The outputs obtained were analyzed using the meta-synthesis method and the grounded theory. Then the selected articles were extracted and the grounded theory was used to obtain the conceptual model of the IoT implementation in hospital supply chains. The research results indicated that the model featured 7 main categories, 19 subcategories and 86 codes. The results present a conceptual model for the implementation of the IoT in hospital supply chains including an explanation of the main research category, drivers, prerequisites and enablers, environmental and contextual conditions, challenges, technology implementation strategies, and results and outcomes.

کلمات کلیدی:

Internet of Things, Supply Chain, Hospital Industry, Technology Implementation

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