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Integration of Management Information Systems (MIS) for Streamlining Knowledge Sharing in Hospital Medical Studies

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Abstract: In the rapidly evolving field of healthcare, the integration of Management Information Systems (MIS) has become crucial for effective knowledge sharing and management within hospitals. This paper explores the significance of integrating MIS to streamline knowledge sharing in medical studies within hospital environments. It delves into the challenges faced by healthcare institutions in knowledge sharing, highlights the potential benefits of MIS integration, and discusses key considerations for successful implementation. Case studies of hospitals that have successfully integrated MIS for medical knowledge sharing are examined to provide practical insights. The paper concludes with a discussion on the future trends and implications of MIS integration in hospital settings.

Keywords: Management Information Systems.

REFERENCES

- [1]. Alice Kok (2012, Mar 14). Thailand: successful e-health system lauded. FutureGov. Accessed from: http://www.futuregov.asia/articles/2009/may/14/thail and-successful-e-health-system-increase-healt/, accessed 19 March 2013).
- [2]. Belgium Federal Public Service FPS report (2002). Recommendations and quality criteria for hospital information systems. Accessed from: www.health.belgium.be/filestore/8054405/his_v1s_e n_8054405_en.pdf, accessed 21 March 2013).
- [3]. Björn Schreiweis (2010). Modelling the Hospital Information System of the Karolinska University Hospital in Stockholm. University of Heidelberg, Heilbronn University and Karolinska Institutet. Accessed from: http://ki.se/content/1/c6/10/46/20/Diplomarbeit_Bjo ern_Schreiweis.pdf
- [4]. Bradley Malin (2010). Guidance on De-identification of Protected Health Information. Office for Civil Rights., U.S. Department of Health & Human Services. Accessed from: http://www.hhs.gov/ocr/privacy/hipaa/understanding /coveredentities/De-identification/hhs_deid_guidanc e.pdf
- [5]. Fujisoft (2012). Fujisoft Hopsital Solutions (Japan). Accessed from: http://www.fsi.co.jp/e/solutions/hospital_solutions/i ndex.html, accessed 21 March 2013).
- [6]. Garrido, T., Raymond, B., Jamieson, L., Liang, L., Wiesenthal, A., (2004). Making the business case for hospital information systems. Journal of Healthcare Finance, 31(2): 21–22.
- [7]. Garrido, T., Raymond, B., Jamieson, L., Liang, L., Wiesenthal, A., (2004). Making the business case for hospital information systems. —A KaiserPermanente Investment Decision. Journal Health Care Finance, 31(2):16–25. Accessed from: http://xnet.kp.org/ihp/publications/docs/business_case.pdf
- [8]. Haux R, Schmücker P, Winter A (1996) Gesamtkonzept der Informations verarbeitungim Krankenhaus. In: Haas P, Köhler CO,Kuhn K, Pietrzyk PM, Prokosch HU [Eds.]: Praxis der Informations verarbeitungim Krankenhaus. Ecomed Landsberg, pp. 25-37.
- [9]. HL7 (2012). RIM version 2.41. HL7 Reference Information Model. Accessed from: http://www.hl7.org/implement/standards/rim.cfm, accessed 21 March 2013).

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- [10]. Hübner-Bloder, G., Ammenwerth, E., Brigl, B., and Winter, A. (2005). Specification of a Reference Model for the Domain Layer of a Hospital Information System. Studies in Health Technology and Informatics, 116:497–502.
- [11]. Mauro Regio. (2005). Web Services Enablement for Healthcare HL7 Applications Web Services Basic Profile Reference Implementation. Accessed from: http://msdn.microsoft.com/en-us/library/ms954603.a spx#hl7webservapps_topic2, accessed 21 March 2013).
- [12]. National Informatics Center (2013). E Hospital management solution. Accessed from: http://tsu.trp.nic.in/ehospital/images/e-hospital_broc hure.pdf, accessed 19 March 2013).
- [13]. OECD report (2012). Competition in Hospital Services. Directorate for Financial and Enterprise Affairs Competition Committee. Competition Policy Roundtables, Unclassified document - DAF/COMP(2012)9. Accessed from: http://www.oecd.org/regreform/sectors/50527122.pd f
- [14]. Paul R. Vegoda (1987). Introduction to hospital information systems. International journal of clinical monitoring and computing, Volume 4, Issue 2, pp 105-109.
- [15]. PayamHomayounfar. (2012). Process mining challenges in hospital information systems. Proceedings of the Federated Conference on Computer Science and Information Systems. – FEDCSIS, Wroclaw, Poland, pp. 1135–1140. Accessed from: http://fedcsis.org/proceedings/fedcsis2012/pliks/376.

