Abstract

This paper is proposed to serve as a facilitator for an application of Information filtering and retrieval in Medical Informatics. It is a rising specialty which links medicine and skill. With the extraordinary availability of digital information, retrieval and filtering are flattering important aspect of medical informatics. The author offers an impression of medical application for filtering and retrieval and brings in important state-of-the-art technique in a way that further adds to the knowledge in this field. This also provides a basis for the sympathetic issue and research development in this field. Clinic Automation System an example of medical informatics is described in this work. It offers a web based solution of Healthcare clinic and provides a user-centric solution for all the stakeholders involved, i.e., physicians, patients, salesman, and suppliers. In short it supports a part of the information infrastructure and workflow management to support the clinic eco-system.
1. We knew the web was big. 2008. Official Google Blog. (accessed 13.1.16)
3. Medical Informatics. HiMSS transforming health through IT.
   http://himss.org/clinical-informatics/medical-informatics (accessed 20.1.16)
5. Gao, Y. 2015. Pattern-based topic modelling and its application for information filtering
   and information retrieval (PhD Thesis). Queensland University of Technology,
   Brisbane, Queensland.

**Index Terms**

Computer Science
Biomedical

**Keywords**

Information Retrieval, Information Filtering, Medical Informatics, Clinic Automation System