Abstract

Successful readying of Electronic Health Record helps improve patient safety and quality of care, but it is the necessity of ability between Health data Exchange at fully totally different hospitals. The Clinical Document design (CDA) developed by HL7 may well be a core document traditional to verify such ability, and propagation of this document format is significant for ability. Sadly, hospitals unit reluctant to adopt sensible HIS due to its activity worth apart from throughout a few countries. A haul arises even once extra hospitals begin victimization the CDA document format as a results of the information scattered in various documents unit taxing to manage. throughout this paper, we’ve a bent to explain our CDA document generation and integration Open API service supported cloud computing, through that hospitals unit enabled to handily generate CDA documents while not having to shop for proprietary computer code. Our CDA document integration system integrates multiple CDA documents per patient into one CDA document and physicians and patients can browse the clinical information in written record order. Our system of CDA document generation and integration depends on cloud computing and additionally the service is obtainable in Open API. Developers victimisation fully totally
different platforms therefore can use our system to spice up ability.

References

3. Wen Huang, Tai Lung Tesung “Generating Standardized Clinical Documents for Medical Information Exchanges” 2010.

Index Terms

Computer Science
Distributed Systems

Keywords

CDA Generation, Cloud Computing