Abstract

Business organizations need to keep abreast of relevant information so as to be updated within the economy as globalization of the world made it possible to get a great deal of information in less time. Having several business units belonging to the same business venture comes along with some disadvantages such as duplication of processes that cuts across all units, duplication of records stored within the database, increase in the cost of maintaining and securing the database as well as increase in the cost of maintaining and managing each unit. This therefore shows the need for having an interoperable system that can enable the management of all units from a single point. The main objective of this work is to develop a web-based Business Information System Framework which can be adopted by business owners to perform specific operations within their respective organizations. A framework was proposed using a business logic which ensured that business rule in the real world were adhered to. The proposed framework specifies two levels of managements – unit administrator which cater for the individual business unit and the central or super admin who manages all available units from a single point. The research work presents a framework that provide central administrators the
ability to get relevant information that cut across all functional business units created by the Business Venture, this interoperable framework in turn helps in reducing complexities within Business Ventures.

References

Web-based Information System (WBIS) Framework: Facilitating Interoperability within Business Ventures


Index Terms

Computer Science

Information Systems

Keywords