

DEVELOPMENT OF WEB-BASED ENTERPRISE WORKFLOW MANAGEMENT INFORMATION SYSTEM: A CASE STUDY OF COMSYSTEM COMPUTER AND TELECOMMUNICATION LTD (CCTL), EKET

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ABSTRACT

In this paper, a web based workflow enterprise Management Information System (WfMIS) is developed to replace the traditional paper-based workflow management system used at Comsystem Computer and telecommunication Ltd (CCTL). The WfMIS was developed through a light weight software development methodology known as Modified User-Centered Incremental Model (MUCIM).The system is implemented on windows platform using ASP.NET, SQL Server 2012, and Internet Information Server (IIS) web server.The system was tested at CCTL Eketand the results shows that the proposed WfMIS was able to eradicate most of the challenges faced by computer and equipment maintenance unit and their clients due to the bottlenecks associated with the manual and paper-based order request process that has been use at CCTL Eket.