Implementation of a Data Driven Transaction Processing System for the AUN’s Restaurant, Yola – Nigeria

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 149
Number 6

Year of Publication: 2016

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10.5120/ijca2016911419

Abstract

As a matter of fact, the need for information technology as a mechanism for promoting business processes has become necessary, business establishments need computer management information systems (MIS) in order to move on in the center of competition. The use MIS in the restaurant business can deliver economic value. The American University of Nigeria’s (AUN’s) restaurant has a barrier to duplication of data in the computer files within the business processes which causes discrepancies, that results to waste of storage space on the existing system due to non-database application used, it is difficult to collect customer’s weekly or monthly transactions because data could not be shared easily within the business processes. Although, the most commonly use of system in restaurant business is the point-of sale system (POS) terminals. Hence, in this paper the researchers have developed a Data Driver Transaction processing system (DD-TPS) for the AUN’s restaurant with integrated modules for POS, payroll management, credit card and inventory control. It is obvious that much have to be invested in purchasing an information system in order to manage business processes within an organization.
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Index Terms
Computer Science
Information Sciences

Keywords
Data Driven, Transaction Processing, AUN