FLORETE-CAPERONCE REALTY CORPORATION UNIVERSITY DORM

MANAGEMENT INFORMATION SYSTEM

A Capstone Project

Presented to

The Faculty of the College of Computer Studies

Central Philippine University

Jaro, Iloilo City, Philippines

In Partial Fulfillment

Of the Requirements for the Degree in

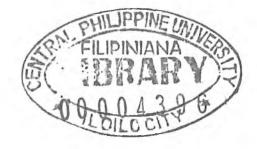Bachelor of Science in Information Technology

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ABSTRACT

The purpose of the proposed system is to develop a Management Information System for Florete-Caperonce Realty Corporation University Dormitory. The idea of the system is to incorporate latest technologies such as SMS messaging and biometric device in managing tenant accounts and in monitoring time logs of tenants for the purpose of the dormitory for the security of the tenants. The method used to develop the system is RAD Modified Prototyping or Rapid Application Development Modified Prototyping approach for faster coding of the system and for making easier changes when required.

Results of conducted tests showed that there is a developed database that records tenant information for managing data. An SMS module that receives inquiry message sent from a registered mobile phone number using a standard keyword and sends billing and payment information to registered mobile phone numbers from the database. There is also a billing module for transaction of charges and services availed by the tenant and a payment module for payment transaction. There is also a biometric log-in/log-out module to monitor tenants and a report generator for tenant violation and delinquents.

The researchers concluded that the developed system will enable the Florete-Caperonce Realty Corporation University Dormitory improve the management of tenant's information and provide an easier way of monitoring and sending billing and payment information to the parents of the tenants using SMS.

It is therefore recommended to the Florete-Caperonce Realty Corporation University Dormitory that the system be adopted and recommends the further research of additional technology to help improve the system.