

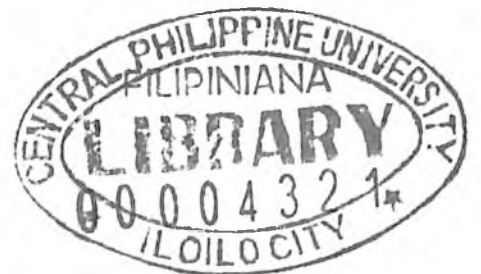
PAVIA MUNICIPAL HEALTH OFFICE
MANAGEMENT INFORMATION SYSTEM

A Capstone Project
Presented to
The Faculty of the College of Computer Studies
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ABSTRACT

The Pavia Municipal Health Office (MHO) uses a manual system in managing and monitoring medicines, vaccines and other medical supplies as well as in preparation of quarterly, monthly and annually reports that should be submitted to Provincial Health Office. Among the problems encountered in the current system are the difficulty in retrieving reports submitted by the Barangay Health Units (BHU) to the MHO .

To develop a management information system for Pavia Municipal Health Office is the main objective of this study is to retrieve a data bank for the organizing and storing of patients record, search module for retrieving and searching patient's record, a report generator module, an inventory module that will monitor medicines, vaccines and medical supplies (BHU and MHO) and a data integration module base on the reports submitted by different BHU.

The group used Rapid Application Development (RAD) Model. In this method, development cannot proceed to the succeeding phase until the operation of the preceding phase has been accomplished unless reviewing of the previous phases is needed. The proposed system addressed the problems specified by the client. The proposed Pavia MHO Management Information System is one of the simplest development software for Municipal and Barangay Level with the same process of retrieving report required by the DOH.

In conclusion the system was able to achieve the objectives stated base on the features and functionalities which was included in the system. Further improvements can be made to the system by including web connectivity for submission of reports by the barangay and hardware devices which can efficiently records data of patients.