CPU CYBER LIBRARY MONITORING SYSTEM
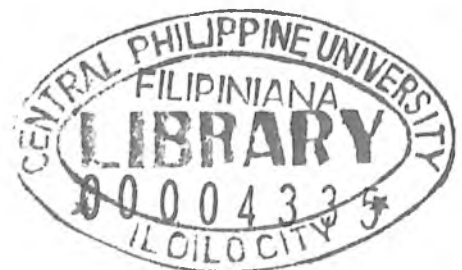
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ABSTRACT

Cyber Library is one of the services in CPU Henry Luce III Library which offer INTERNET, PRINTING and ENCODING. It was introduce to CPU student in 1999 and all operations are performed manually, which supervised by Mr. Rodel Dianala. The fact that it is being associated as "Cyber Library" and yet they still to manage manual operating procedures such as in logging in/out of the student, payment transactions and generation of statistical reports. Even though these manual operations are dependable, yet still cannot avoid manual errors. This may result imprecise in monitoring report and unsecured records.

In addition information for the design and concept of the system, we reviewed the related software to guide us in terms of conceiving the solution for the recognized problem. The following related topics are: RISC technology, Cyber Café Pro and Cyber Monitor.

In establishing the system for Cyber Library, Modified Dynamic System, Development Method was used. The model was chosen to enable us to perform iteration procedures in Project Life Cycle by changing the function and interface of the system regarding to our client and user feedback.

In developing the system, the group made use the Microsoft SQL Server 2003 as the database back end and Microsoft FoxPro 9.0 for the front end.

Generally, the system objective is to develop computerized Cyber Library Monitoring System for CPU Henry Luce III Cyber Library that could facilitates accurate

record, reliable reports and eliminate manual operating procedures. The group concludes that the system has efficiently solved the problem in manual operations. The main feature of the system was to have a centralized monitoring, precise recording for student information, secured storage of data and reliable report generation. The group also recommends a reader device for flexible operation module and enhancement of user interface which includes the student image in viewing and logging in the system.