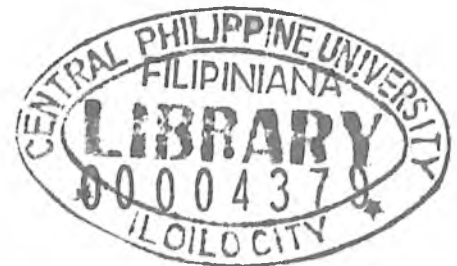# UGC CLINICS AND LABORATORIES PATIENT SCHEDULING SYSTEM

A Capstone Project
Presented to
The Faculty of Central Philippine University
College of Computer Studies
Iloilo City, Philippines

In Partial Fulfillment
Of the Requirements for the degree in
Bachelor of Science in Information Systems
and
Bachelor of Science in Information Technology

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March 2016

ABSTRACT

Appointment scheduling is one of the vital tool in helping clinics, hospital and any form of business which involves managing their client. This is study is entitled UGC Clinics and Laboratories Patient Scheduling System. It focused on the following objectives: doctor, secretary, receptionist and Patient database to store, retrieve and manage their profile. Scheduling module which includes doctor's office hours, doctors schedule appointment which allows to view of the appointments that are scheduled for their offices which can be then be approved, disapproved or rescheduled. Lastly, the Automated SMS module will be used for sending reminders to patients on their approved scheduled and will remind again for their upcoming appointment.

The methodology used to development of the system is Software Development Life Cycle (SDLC) Spiral Model which has the following stages: planning and requirements, risk analysis phase, engineering phase and Evaluation phase. Through the system Doctors are able to edit their own profile and create patient profile then schedule the patient. Depending on the doctor's availability. Secretary has similar features as the doctor. And the receptionist can only view the doctor's appointment. Thus increasing the secretary and receptionist efficiency in serving the patient in the way retrieving summaries of patient records. The system has an automated SMS which will remind them in instant after confirming the patient schedule.