

**PATIENT INFORMATION SYSTEM (PIS) OF ASSOCIATED MARINE OFFICERS'
AND SEAMEN'S UNION OF THE PHILIPPINES**

**A Capstone Project
Presented to
College of Computer Studies
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**In Partial Fulfillment of the
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ABSTRACT

The study focused on the development of Patient Information System of AMOSUP (Associated Marine Officer and Seamen Union of the Philippines) that aims to develop a Database that will record the profile of AMOSUP members and their dependents, search module that will retrieve specific records of the members from the database, updating module to update membership status, admission module that will manage patient's room assignment, scheduling module that will manage patient's laboratory schedules and billing module that will compute members/ patients medical fees and charges.

Patient Information System is a unified electronic health record used by a patient's health care team to share current and relevant medical information, accounting functions and storing patient's records within a business. The aim of this study is to create a database specially designed for the members of AMOSUP. To provide a search module that will find and retrieve records of the members from the database. Develop an updating module to update membership status. Design admission module that will manage patient's room assignment. Create scheduling module that will manage patients' laboratory schedules. Develop billing module that will compute patient's medical fees and charges. The team used an Iterative Model as methodology in developing this project. Iterative development is at the heart of a cyclic software development process developed in response to the weaknesses of the waterfall model. It starts with an initial planning and ends with deployment with the cyclic interactions in between. The study conducted has yielded some conclusions based on the findings that were

summarized in the previous section. The implementation of Patient Information because it promotes the services of Associated Marine Officers and Seamen's Union of the Philippines to give their client a fast service.