

Developing a Philippine Cancer Data Grid. Part 1. Building a Prototype for a Data Retrieval System for Breast Cancer Research Using Medical Ontologies

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Our project's long term goal is to establish a Philippine Cancer Data Grid.

In the present study, we used available web development technologies such as PHP, MySQL, and Apache server to develop a preliminary data retrieval system for breast cancer research that incorporates medical ontologies from the Unified Medical Language System (UMLS). The prototype was tested on Philippine cancer data.

Keywords. Cancer Data Grid, Breast Cancer Ontology, UMLS, Biomedical Applications of Grid Computing.

