ABSTRACT

Web application is the one popular application right now. Web programming like PHP that more increase everyday. Begin from support object oriented programming until support object oriented programming .One of tools for object oriented design is a Rational Rose. Rational Rose can generate class diagram into framework of programming language such as C++, Visual C++, Java, and Visual Basic. Beside that, Rational Rose can generate data model diagram into SQL Script such as Oracle. But Rational Rose can not support to generate source code PHP and SQL Script for MySQL Database.

The Generator Application for PHP Source Code and Physical Data in MySQL Database from UML (Unified Modeling Language) is built for helping programmer and designer system to generate PHP source code with object oriented programming from class diagram and physical data in MySQL from data model diagram. This application is purposed to make easier for programmer and system designer to built application specially web application.

This final assessment is built by using the object oriented analysis and design. The programming language was developed with Borland Delphi and Rational Rose for its modeling system.

Key Word   : UML, Class Diagram, Data Model Diagram, MySQL, PHP