

**BINUS UNIVERSITY INTERNATIONAL
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Major Computer Science
Stream Minor in Project Management
Sarjana Komputer Thesis
Semester [Odd/Even] year 2009/2010 (completion period)

**Database Implementation and Monitoring System (Input and Output) for KPI Table
based on Balanced Score Card**

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Abstract

This thesis project is to build a web-based performance management system. This program is necessary in helping employee to receive more effective system in retrieving and distributing information regarding key performance indicator. The program will also remove the paper based system and time consuming in managing information regarding to the topic.

To accomplish the thesis requirements and scopes, there are several observation and analysis from existing performance management application to get information needed to develop the system. Requirements are summarized by analyzing the current used application for performance management and discussion with BINUS. The result of the analysis and the observations will be reflected on the development progress of the thesis.

For developing the website, PHP is used as server-side programming language and MySQL as the database management system. Dreamweaver CS4 and XAMPP are used as the tool to develop the website.

To measure the success of the developed programs, questionnaire and unit testing are executed. Some employees tested the program and test cases are executed for different environment for the application. Due to time and resource limitation, only core functions of the requirement are implemented to the system. The development of this website will not stop by the end of this thesis. A lot of features can be developed for this website in purpose improving the system. Future works will be available in recommendation part of this thesis

Key words

Performance management system, web database, key performance indicator, php, mysql, xampp