

**DEVELOPMENT OF MANAGEMENT INFORMATION SYSTEM
FOR GOVERNOR FERRER MEMORIAL NATIONAL HIGH
SCHOOL BICLATAN ANNEX, GENERAL TRIAS, CAVITE**

THESIS

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**DEVELOPMENT OF MANAGEMENT INFORMATION SYSTEM FOR
GOVERNOR FERRER MEMORIAL NATIONAL HIGH SCHOOL
BICLATAN ANNEX, GENERAL TRIAS, CAVITE**

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*Development of management information
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ABSTRACT

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The study was conducted to provide a comprehensive development and analysis of Management Information System, a web based application that addresses the issues of manual process in enrolment, difficulty in handling data and generation of reports, and the delayed submission of grades of the students in Governor Ferrer Memorial National High School-Biclatan Annex. The system gives functionality that automates the process of searching, retrieval, keeping and recording of student's information. Furthermore, it provides accounts for the administrator, head teacher, teachers and guidance counselor to add, view and update transactions.

Incremental model was used in developing of the study. It has five phases: requirement analysis, system design, coding, testing and evaluation. The system was developed with the use of the following development tools: Adobe Dreamweaver CS6 and Adobe Photoshop CS6 for the design of the system, PHP as the scripting language, and MySQL as the data storage of the system.

The system was evaluated based on the following criteria: functionality, reliability, usability, efficiency, maintainability and portability. Evaluators were composed of the following: ICT coordinator, teachers, guidance counselor, and head teacher of Governor Ferrer Memorial National High School-Biclatan Annex. The system passed all the given criteria in the evaluation and met all the requirements of the software.

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INTRODUCTION

Management Information System (MIS) is an integrated user machine system for providing information to support operations, management and decision-making functions in an organization (Davis, 2011). MIS also provides comprehensive and integrative coverage of essential new technologies, information system applications, and their impact on business models and managerial decision making in an exciting and interactive manner. Moreover, it summarizes and reports on the organization basic operation that serves managers primarily interested in weekly, monthly and yearly results to enable them to drill down to see daily or hourly data if require (Laudon & Laudon, 2010).

Governor Ferrer Memorial National High School (GFMNHS)-Biclatan Annex was founded on July 8, 1968. As the year pass, GFMNHS becomes one of the most prestigious institution in the province of Cavite that is promoting a highly competitive graduates and excellence in the field of studies, sports, skilled, relevant educational