

**E-MERIT– THE DEVELOPMENT OF
RESPONSIVE WEB-BASED MERIT POINT
SYSTEM FOR DELIMA RESIDENTIAL
COLLEGE UITM SHAH ALAM**

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ABSTRACT

The project is about the development of a responsive web-based merit point system for residents Delima college UiTM Shah Alam. There are some problems that lead to this project which are the current point system working for Delima college is available in offline and can be access by administration only while the cost of maintaining the system is also quite expensive where the college management has to buy a few barcode readers to ensure a current system can run smoothly and work efficiently. The objectives of this project are to identify the requirement, to design and to develop the development of Responsive Web-Based Merit Point System for Residents Delima College UiTM Shah Alam. The scope for this project is a system divided into two types of access, which are user and administrator. This project is to develop a web-based application for tracking accumulative merit points of college activities obtained by the residents using the technology of QR code where generated within administrator functions. Each activity merits the students took part will stored in the system after scan the generated QR code. The limitation for this project is the application only have been developed within the localhost server, not in the real domain name server. The methodology chosen in this project is Web Development Life Cycle (WDLC). This project gives significant value to residents access their merit points in a more interactive approach. Besides, college management also significant to this project as they can improve the decision-making process in identifying qualified residents for the next placement in a college based on their merit points. The results of this project show that the responsive web-based can give better system interaction for residents. The project will be future developed by using the real domain name server.

Keywords: Responsive, Merit Point System, QR code, Web Application

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CHAPTER 1

INTRODUCTION

This chapter covers the background and justification of this project. This chapter administrator the project background, problem statement, project objectives, project scope, the project significance and conclusion.

1.1 Project Background

The merit point system was initially established to boost components of the governmental hands antecedent staffed by the political patronage or system that allowed the organisation in power the chance to reward party regulars with government positions (Beckett, 2015). Merit points system works because of the recognition for good behaviour (Hess & Horn, 2013). The higher the good performance, the more merit will be given. Merit is a point system use to represents the level of achievement of people behaviour towards some events or activities they performed. The merit point system has been adopted by state and local governments as well.

The main fundamental value of the merit point system is the person hired and promoted on the basis of skills established by tests or targets of skills, knowledge and experience. Nowadays, merit point system had widely used in many services includes health service, education, work training programmes and institutions. Some of existing system had applied merit point system to improve the management decision processes. For example, some school are use merit-demerit point system to enforce the students to be more discipline and follow the school rules. Malaysia's education system had introduced merit-demerit point system and applied by all daily government schools since year of 2001.

Many systems have been developed in today's growing modernized technology to provide an uncomplicated way of managing life. Today, an online system has become the best alternative for administrator and user to improve