UNIVERSITI TEKNOLOGI MARA

WEB DEVELOPMENT FOR ONLINE CLASSROOM RESERVATION SYSTEM WITH QR CODE

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Student Declaration

I cerify this proposal and the project to which it refers is the product of my own word and that any idea or quotation from the work of the other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

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ABSTRACT

The purpose of this project is to develop a web-based booking system for usage of students in UiTM Perlis Branch, Arau Campus. There is already existing system for classrooms' booking for the campus, but this project comes with a new functionality; which is the QR code. This project is expected to ease and smooth the process of booking classrooms in the Bilik Kenanga (BK).Online Booking Classroom System with QR Code was developed to help and ease the students to booking the classrooms without having to go to the designed place to book the class. The methodology that had been chosen for this system is ADDIE Model, which consists of analysis, design, development, implementation, and evaluation phase. This will be a reference and guideline for the flow of the project. The goal is to make sure that all the project objectives will be achieved. In chapter 4, it describe the development of the works that needed to build the system of the online classroom booking. It show all the activities that involved in making the development work. Then, this project is evaluated through Functionality Testing and User Acceptance Test. All the feedbacks from the real users are being analyzed and the results are explained in chapter 5. Chapter 5 discussed and summarized on the testing of the developed web-based system.Results that have been gather are organized into tables and bar graphs to make evaluation and analysis easier to understand. In Chapter 6, the development of the Online Classroom Booking with QR code has successfully achieved all the project's objectives. The system is expected to help the students in booking classrooms easily. Not only the developed system is integrated with QR code, the developed system also has notifications. At the end of the project and chapter, a few recommendations for the future is also stated based on the limitation that have been identified from the project itself in providing a better improvement to the current system.

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