

Universiti Teknologi MARA

**CAMPUS CONNECTS: SIMPLIFYING
EVENT BOOKING FOR UNIVERSITY LIFE**

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**Thesis submitted in fulfilment of the requirements
for Bachelor of Information Technology (Hons.)
Faculty of Computer and Mathematical Sciences**

JULY 2025

ACKNOWLEDGEMENT

All praises are due to Allah. I am truly thankful to Allah the Almighty for His continuous guidance, mercy, and blessings that have enabled me to complete this final year project successfully.

I would like to sincerely thank my supervisor, Mr. Nik Mohamad Wafiy Bin Azmi, for his valuable guidance, constructive feedback, and unwavering support throughout the development of this project. His insights and encouragement have been instrumental at every stage of this journey.

I am deeply grateful to express my utmost respect and love to my beloved parents, for their endless support, sacrifices, and prayers. Their encouragement and belief in my abilities have been a constant source of strength that helped me remain focused and motivated.

My heartfelt gratitude also goes to Dr. Muhammad Firdaus Bin Mustapha, my CSP650 lecturer, whose advice and guidance have contributed greatly to the academic foundation of this project. His dedication and support were deeply appreciated during the process.

Lastly, I am truly thankful to my friends and classmates for being a part of this experience. Your words of encouragement, shared knowledge, and companionship made this journey both meaningful and memorable. May all the efforts and support from those around me be rewarded with blessings from Allah.

ABSTRACT

This project aims to develop a web-based event booking management system to make event management and registration is easier, especially in educational environments. The background study reveals the ineffective of traditional methods such as limited access to event, time consuming and difficulty to track event popularity and participate. The research question also guiding this project to align with the objective. This project will need internet access for registration and manage events since it is web application. The waterfall model has been used to make sure the structured approach through phase such as requirement analysis, system design, implementation, testing, deployment and maintenance. The system has features like to browse available event, register the event, cancel events, automation notification for upcoming event and give feedback for the complete events. For event organizer and administrator features are to manage events such as create event, edit events, delete events and can track student participations. This system also provides data analytics for event popularity that joint by student to help make decision in future planning. The benefit of this system is to improve event organization and better students' engagement since it is centralized system. The system use technology for the frontend is HTML, CSS and JavaScript and for the backend are using language such as PHP for server-side, APIs and chart.js that will be used for data visualization. After the implementation, it will conduct usability testing to test the functional requirements and to make sure it will meet the user requirements and link with the existing system that has been evaluate.

TABLE OF CONTENTS

CONTENT	PAGE
ACKNOWLEDGEMENT	iii
ABSTRACT	iv
LIST OF FIGURES	viii
LIST OF TABLES	xi
LIST OF ABBREVIATIONS	xii
 CHAPTER 1	 1
1.1 Background	1
1.2 Problem statements	3
1.3 Research Question	4
1.4 Research Objectives	4
1.5 Scope	5
1.6 Research Significance	5
1.7 Expected Outcome	6
1.8 Project Limitation	7
1.9 Summary of Chapter	8
 CHAPTER 2	 9
2.1 Event Management	9
2.1.1 Overview	9
2.1.2 Type of Events	10
2.1.3 Related Issue	11
2.2 Data Analysis	11
2.2.1 Overview	11
2.3 Web-based system	12
2.3.1 Overview	12
2.3.2 Related issue	13
2.4 Web-based event management system	13

CHAPTER 1

INTRODUCTION

This chapter provides overview of the Campus Connect System which is outlining its background, problem statement and scope of the project. It also details the research objectives of the project, research questions, expected outcomes and project limitations that guide and give clear vision of the development and implementation of the project.

1.1 Background

Event management plays a critical aspect of university life since it makes it easier for students to participate in various events that has been offer in university and to make sure the event will be manage smoothly. The university has a multitude of events such as workshops, seminars, social gatherings, and others where every event will have a limit on participation, and it will have a tentative program for allowing improved planning and time management. According to Bouchon, Hussain, and Konar (2015), event organizer has a responsibility to supervise and plan every aspect of an event including design, activities, and production of the events as well as research, organizing, managing, implementing and controlling. An event organizer is required for any events to make sure that everything will runs well, and all participation will know the flow of the events from start to the end. Currently, in university has used several methods in managing faculty programs. Relying on Google Forms to make the event registration and promote the event via WhatsApp, Telegram and posters. This current method can lead to students missing important updates, since the platform is not centralized, the information for event details will not reach to all students.