



DEPARTMENT OF BUILDING SURVEYING
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING
MARA UNIVERSITY OF TECHNOLOGY

THE MANAGEMENT OF WIRELESS NETWORK SYSTEM
(WI-FI) AT PUBLIC UNIVERSITY

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IZURA BT ZAINAL ABIDIN
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ABSTRACT

Wireless Fidelity popularly known as Wi-Fi, is the recent technology advancement in communication without wired. Wi-Fi provides its users in public university of connecting to the Internet from any place such as their, faculty , office or a public place without the hassles of plugging in the wires. Wi-Fi is quicker than the conventional modem for accessing information over a large network. The users can easily change their open space location without disruption in their network access.

The preparation of this dissertation is to understand the management of wireless management (Wi-Fi) in Public University. The dissertation is divided into 6 chapters that cover the development of the study from the background investigation and research to the final conclusions. This dissertation including summarized the conclusion from the research findings of the study and from this conclusion the recommendation will find out for future the management wireless networking and planning to upgrade Wi-Fi to other Public University.

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CHAPTER 1 : INTRODUCTION

Wireless Network (WN), refers to the use of software tools designed to enhance performance, reliability and security of wireless networks particularly by diagnosing, detecting and reducing sources of radio frequency interference. Unlike in case of wired networks, where the redundancy of the equipment can be applied to mitigate the impact of performance problems and network failures to some extent, the wireless networking have a very limited options owing to availability of very limited wireless spectrum and the effects of wireless interference.

The main function of wireless network in University is to ease the students or lecturers to do a research on any information at any location inside University. Most of the academic and administrative building, as well as many public area in the campus are covered with the wireless network

The factors that can give impact on the wireless network performance include traffic flows, working of the network topologies and network protocols, hardware, software and also, the environmental conditions. Therefore, often the Wireless users can be subjected to problems such as lack of coverage, intermittent discontinuity and difficult to monitor security aspects.