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**TERENGGANU**

**SMART UNIVERSE CONTROLLER**

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## ABSTRACT

Smart room is one of the ways to control the electrical devices in many countries around the world. The smart room is a room with full of automatic equipment by using the remote controller. The concept of smart room is basically using Wi-Fi for remote monitoring via mobile phones. In this project, a system that controls the lamp and fan is proposed where everything is on the phone. ESP 8266 is Arduino Wi-Fi module is the additional element required to control the wireless electrical switch so people will cut off the cost to buy some expensive device to make home become smart. For proposed projects, users can turn on and off the lights and fans in the room by using switch button in Blynk applications that can download in mobile applications store or voice recognize in Google assistant. All these actions can be done using a cell phone regardless of the user's location as long as they have internet connection on their mobile. It will east people to control their home electrical appliances when they forgotten and it also east disable people that having movement problem. The concept of smart room that uses the internet platform (IOTs) is now a common element used by people around the world. When no internet connection or mobile phones is dead, light and fan can control manually by using switch.

## TABLE OF CONTENTS

CHAPTER	CONTENTS	PAGE
	DECLARATION	i
	DEDICATION	ii
	ACKNOWLEDGEMENTS	iii
	ABSTACT	iv
	TABLE OF CONTENT	v
	LIST OF TABLE	vi
	LIST OF FIGURES	vii
1	INTRODUCTION	
	1.1 Background of Study	1
	1.2 Problem Statement	2
	1.3 Objectives	3
	1.4 Scope of Study	3
2	THEORETICAL BACKGROUND	
	2.1 Theoretical Background	
	2.1.1 A brief overview	4
3	METHODOLOGY	
	3.1 The Methodology Process	6
	3.2 System Specification	10
	3.3 Circuit Testing and Troubleshooting	12

<b>4</b>	<b>RESULT AND DISCUSSION</b>	
4.1	Software Simulation Result	13
4.2	Hardware Implementantation Result	14
4.3	Data Analysis	16
<b>5</b>	<b>CONCLUSION AND RECOMENDATION</b>	
5.1	Conclusion	17
5.2	Recomendation	17
	<b>REFERRECE</b>	18
	<b>APPENDICES</b>	19
	Appendix A	