

THE AUTOMATIC ROOF WITH SENSOR BY USING SOLAR ENERGY

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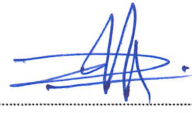
TERENGGANU


MARCH 2015

DECLARATION

“I declare that this report entitled “THE AUTOMATIC ROOF WITH SENSOR BY USING SOLAR ENERGY” is the result of my own group research except as cited in the references. The report has not been accepted for any degree and is not concurrently submitted in candidature of any other degree.”

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ABSTRACT

For a working couple, it is hard to find time to have laundry day where the cloth is dried through the whole day because the weather can change from sunny to rainy days. This projects use Microcontroller Arduino Uno to install all program that will give instructions to conduct this system properly. This project will automatically retrieve-in the awning when it is the sunny day and oppositely retrieve-out the awning when it is a rainy day. This part needs DC motor to convert electrical power into mechanical power for retrieve-out and retrieve-in all the awning. Temperature sensors that will be used in this project can measure temperature and day condition whether it is sunny or rainy day more accurately.

TABLE OF CONTENTS

CHAPTER	CONTENTS	PAGE
	DECLARATION	ii
	DEDICATION	iii
	ACKNOWLEDGEMENTS	iv
	ABSTRACT	v
	ABSTRAK	vi
	TABLE OF CONTENTS	vii
	LIST OF TABLES	ix
	LIST OF FIGURES	x
1	INTRODUCTION	
	1.1 BACKGROUND INFORMATION	1
	1.2 PROJECT OBJECTIVE	2
	1.3 PROJECT SCOPE	3
	1.4 THESIS OUTLINE	4
2	LITERATURE REVIEW	
	2.1 INTRODUCTION	5
	2.2 CONCLUSION	6
3	METHODOLOGY	
	3.1 INTRODUCTION	7
	3.2 PROJECT FLOW	7
	3.3 OPERATING DC MOTOR	9
	3.4 LIGHT SENSOR	10
	3.5 WATER SENSOR	11
	3.6 MOTOR CIRCUIT WITH ARDUINO	11
	3.7 SOLAR PANEL	11