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FINAL REPORT OF DIPLOMA PROJECT

AUTOMATIC HANDWASH

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"I declare that this report entitled "Automatic Handwash" 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 the candidature of any other degree."

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ABSTRACT

This project is about to create an automatic hand wash system. This automatic hand wash system is more advanced than the conventional hand wash and it is designed for improved life by having more convenient system. For instance, the water, soap and dryer integrate all into the system. The system is using the light dependent resistor which is its function when it does not detect light. If the sensor detects the light, the operation will not function. For the circuit, water, soap and dryer are controlled by using PIC 16F877A and the voltage source use are 12V. For the output, this circuit is using a pump to flow out the soap and control the water flow.

TABLE OF CONTENTS

CON	TENTS	PAGE	
AUTI	HOR'S DECLARATION	i	
DEDI	ICATION	ii	
ACK	NOWLEDGEMENTS	iii	
ABST	TRACT	iv	
ABST	TRAK	v	
TABI	LE OF CONTENTS	vi	
LIST	OF TABLE	ix	
LIST	OF FIGURES	ix	
LIST	OF SYMBOLS	xi	
LIST	OF ABBREVIATIONS	xi	
LIST	xii		
CHA	PTER ONE : INTRODUCTION		
1.0	Introduction	1	
1.1	Problem Statement	2	
1.2	Objectives	2	
1.3	Scopes	3	
CHA	PTER TWO : LITERATURE REVIEW		
2.0	Literature Review	4	
2.1	Component Used	5	
	2.1.1 Component of Platform Circuit	5	
2.2	List of Component	6	
2.2.1	Resistor	6	
222	I ed	7	