

UNIVERSITI TEKNOLOGI MARA

**Automatic Gate Control
Mobile Application**

NUR KARMILA HANUM BINTI KAMARUZZAMAN

BACHELOR OF COMPUTER SCIENCE (Hons.)

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STUDENT DECLARATION

I certify that this report and the research to which it refers are the product of my own work and that any ideas or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.



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NUR KARMILA HANUM BINTI KAMARUZZAMAN

2020968553

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ABSTRACT

This final-year project involves developing a mobile application for automatic gate control with IoT (Internet of Things) capabilities. As a result of this initiative, users will be able to use a mobile device to manage their gate. This project was presented because the Internet of Things (IoT) is rapidly becoming a disruptive technology with business potential, with standards primarily for wireless communication between sensors, actuators, and gadgets in everyday human life. The main focus of this project is on a gate that can open and close in response to user input. Many techniques were considered while working on this project. Furthermore, extensive research on a comparable project was conducted. People will be able to operate their gate using a mobile device via a mobile application after this project is completed.

TABLE OF CONTENTS

CONTENTS	PAGE
SUPERVISOR'S APPROVAL	1
DECLARATION	2
ACKNOWLEDGEMENT	3
ABSTRACT	4
TABLE OF CONTENTS	5
LIST OF TABLES	9
LIST OF FIGURES	10
CHAPTER ONE: INTRODUCTION	
1.1 Introduction	12
1.2 Background of Study	13
1.3 Problem Statement	14
1.4 Project Objectives	14
1.5 Project Scope	14
1.6 Project Significance	15
1.7 Summary	15

CHAPTER TWO: LITERATURE REVIEW

2.1	Introduction	16
	2.1.1 Conceptual Map	16
2.2	Gate	18
	2.2.1 Type of Automatic Gate Access Control	18
2.3	Overview Research Area	22
2.4	Internet of Things (IoT)	23
2.5	IoT Communication Protocols	24
2.6	Internet Gateway	27
2.7	Common Features	29
2.8	Summary	30

CHAPTER THREE: METHODOLOGY

3.1	Introduction	31
3.2	Operational Framework	31
	3.2.1 Agile Methodology	32
	3.2.2 Agile Methodology phase	32
3.3	Design Methodology	34
3.4	System Architecture	36
3.5	Software and Hardware Requirements	38