

INGENIOUS APPOINTMENT SYSTEM

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ABSTRACT

The focus of this project is for students to book appointments with their lecturers. Most of the current apps nowadays requires data plan to which some student do not have sufficient budget to access on their phones and in some cases the students themselves may not even have a smart phone. This smart appointment system tool is both hardware and software integrated into a device which will be an alternative for students who cannot contact their lecturers through mobile data communication. The main focus is on the problems faced by students and lecturers to meet and have appointments on certain days. Whenever the students went to the lecturer's office and do not manage to meet up with the lecturer, they can book appointments through the Ingenious Appointment System by entering their student ID and the desired appointment time. A GPS system is used by the device/hardware to send a notification to the lecturer's mobile phone whenever an appointment has been booked by the students. The lecturer in turn can set up to 3 choices of available time for the appointment. The system is limited to daily appointment booking so that all the schedules are updated. A buzzer is added to the device to identify any error entered by the user. An LED indicator is also added to the device which the lecturer can set manually to indicate whether they are in the campus, either out of the office or in the office.

TABLE OF CONTENTS

CHAPTER	TITLE	PAGE
	SUPERVISOR'S APPROVAL	ii
	CANDIDATE DECLARATION	iii
	ACKNOWLEDGEMENT	iv
	ABSTRACT	v
	TABLE OF CONTENTS	vi
	LIST OF FIGURES	vii
	LIST OF TABLES	viii
	LIST OF ABBREVIATIONS	ix
1	INTRODUCTION	
	1.1 Background Study	1
	1.2 Problem Statements	3
	1.3 Objectives	3
	1.4 Scope of Study	4
	1.5 Project Contribution	5
2	LITERATURE REVIEW	
	2.1 Literature Review	6
3	METHODOLOGY	
	3.1 Methodology Flow Chart	8
	3.2 Block Diagram	10
	3.3 Equipments and Components	11

CHAPTER 1

INTRODUCTION

1.1 Background Study

The Ingenious Appointment System is a device that can help other people to set an appointment without telling them in person. This appointment device system has the similarity to the biometric thumbprint scanner system and this idea has a potential to be improved.

The idea to create this appointment device was initiated when we as a student experienced few problems when we wanted to arrange appointment or when we plan to meet our lecturers. We make an observation based on our experience and other students and we can categorize this problem as a small issue but it gives a big impact in a two way communication between the students and lecturers. Many students complained about not having a proper and enough time in meeting the lecturers and because of this problem, their daily routine and planning will be affected. We do not want to put all the problems to the lecturers because we understand that they have many other commitments too.