



ELECTRONIC MAILBOX

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ABSTRACT

The electronic mailbox is designed to help people nowadays whom always have problems receiving new letters. So, this project may help them to overcome this problem by indicating when new letters arrived and have been inserted into the mailbox. Other than that, this project is created for those who could not check their mailbox which is located outside of their houses because of the climate changes such as raining or heavy snowing. So, with the existing of the electronic mailbox, it will overcome the problem by giving them a signal from inside the houses.

Our project is based on demand of the people who are busy with their works and daily activities which make them tend to forget checking their mailbox. As a result, their payment of utilities bills is being delayed. We have made many researches on electronic components that are very suitable and useful for the project.

The electronic mailbox is easy to use and user friendly. This is because it only needs voltage supply to turn it on and it will automatically indicate when new letters are inserted into the mailbox.

CHAPTER 1

INTRODUCTION

1.0 Overview

This chapter focuses on the project background, objectives, problem statements, the scope of work and proposal review for electronic mailbox.

1.1 Introduction

Project background basically explained the operation of this project and the matters related to this project. Meanwhile, objectives are the requirement that need to be achieved based on this project. The objectives are greatly influenced by the problem statements which are related with the needs and demands of current lifestyle and issues arise with it. The progress of this project proposal will be further elaborated in the scope of work. This project is known as the Electronic Mailbox which is equipped with LED, LCD, transmitter, receiver and buzzer. The main function is to be an indicator when the letter arrived in the mailbox. The LED and buzzer will operate simultaneously when the indicator button is pressed. For further notification, the postman can pressed both button which is the indicator button and the message display button. The advantages of this project are it can prevent overdue bill, better awareness when receiving new mails, help to ease user and more.