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BLUEPRINT REPORT

(SMART BILLING MANAGEMENT)

Smart Billing MANAGEMENT

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CHAPTER 1

1.0 PRODUCT DESCRIPTION

1.1 Introduction

The product to be developed is a Smart Billing Management. Nowadays, people try to get as much money as they can. However, they forget that the money will not be enough if they don't reduce their daily expenses. For example, the electric expense that we pay monthly. Sometimes we have overuse it for something that is not important. We don't know how much have we being use the electricity until the end of month.

That is why this devices is developed. This device is use in order to helps the user to be aware of the usage of their electricity. This product will measure the electric usage and will conyert it into Ringgit Malaysia. This will make the user aware of their electric bill and can reduce the electricity budget.

1.2 Purpose of development

The purpose of the product development are:

- To aware the user about the electric usage daily/monthly.
- To reduce the electricity bill.

1.3 Product Concept

- For company, factory or family to manage their monthly expenses.
- Can control the electrical usage with phone.

1.4 Application

1.4.1 Functions

1. ANALOG ELECTRIC METER

- Use to notify the user about the level of electric usage (green , yellow or red)

2. ON/OFF/RESET BUTTON

-Use in order to reset the system if there is some system error.

3. LCD SCREEN

-Use to display the money expenses that have been use.

4. SETTING BUTTON

- Use to set the device manually

5. MINI AUTO-COOLING SYSTEM (FAN)

- Use to cool down the device when it is overheated

1.5 Unique features

The uniqueness of the product are :-

- i. can detect the amount of electric usage per day, month and year.
- ii. can convert the amount of electric usage into Ringgit Malaysia for easy management.
- iii. linked with phone application for better control.
- iv. can setting the limit of the usage manually or using phone application.
- v. can control the electric flow by using application on phone.