اونيۏرسيتي تيكنولوڬي مارا
UNIVERSITI
TEKNOLOGI MARA
MALAYSIA

INTELLIGENT PHONE CASE (BLUEPRINT)

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Group Name : **EH220 7D**

Group Members : **Muhammad Ikmal Bin Johari (2016249892)**

Muhammad Ghazali Bin Kasim (2016239052)

Muizzuddin Bin Jailani (2016239062)

Nurul Liyana Binti Rahman (2016238996)

Kamalina Azyyati Binti Kamaruzaman (2016250006)

Submitted to

Puan Hjh Zanariah

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COMPANY'S LOGO

Figure 1.1: Company's Logo

CHAPTER 1

1.0   PRODUCT DESCRIPTION

1.1   Introduction

The product to be developed is Intelligent Phone Case. It is known the phone tend to fall and broke down. Thus, the team want to introduce the new high quality casing phone with many benefit and Eco-Green. This casing phone provide many design of wallpaper for phone case by changing it with only one button. Besides, this intelligent phone case is secured with safety by providing anti-fall system, advanced hands grip and others.

1.2   Purpose of Development

The purpose of product development are:

1. To ease users in handling their gadgets

2. To improve phone protection especially fragile components

3. To provide different experience with unique features

1.3   Product Concept

The concepts of our product are:-

o   For introducing people with new technologies of our product.
-    Casing which can change wallpaper many times without buy a new one
•   To ease the users when handling their gadget.
-    Improve phone protection on fragile product.
•   Give experiences to the users with many unique features from our product

1.4   Application

1.4.1   Functions

The function for each components in the product are:

- 2-Mode System – There are two mode system in the intelligent phone case which is Model Mode and Design Mode. The Model Mode will change the size of casing according to the size of phone user. The Design Mode is for the automatic changing of wallpaper phone casing as wanted by the phone user.

- Anti-Falling System – The phone case will be installed with the anti-falling system sensor that detect the hand movement whenever the user touch their phone. Thus, this sensor will prevent the phone from falling or loose easily from the hand.

- Shock-Absorber – The phone case is designed to absorb shock and dump impulse when the phone falling down thus prevent the phone from cracking and broken down.

- LED Technology – Light Emitting Diode or LED display is the material for the intelligent phone case. This LED technology is produce more brilliance and greater light intensity for better wallpaper design displays. Then, it is efficient and low energy consumption especially for chargeable devices such as phone.