ENT600

TECHNOLOGY BLUEPRINT

UNIVERSITI TEKNOLOGI MARA MALAYSIA

SMART JACKET

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COMPANY'S LOGO

AIFA ENTERPRISE
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1.0 PRODUCT DESCRIPTION

1.1 Introduction

Jacket is mostly used during travelling. The idea of developing the 'Smart Jacket' is from our observation throughout the market survey and observation, there are lots of types of jacket in the market but the one that we produced is a travel friendly and similar like others but has improved in terms of technologies to serve the demand. This product is an innovation product to the commercialized travelling jacket that available in the market. In addition, this smart jacket with the elegant design and features which can give the person who wear it feeling comfort and easier when travelling, reducing the stress mode and suitable to wear in casual day or night (one jacket for all).It is easy to find a jacket in the market, but a jacket only is not enough as multifunction jacket is more practical for users today to ease them.

1.2 Purpose of development

- The objective is to develop a jacket that is convenient, ease and have multifunction such as lights for glow in the dark during night time, multifunction pockets which can allocate earphone, phone, gloves, eye mask and sunglasses. The jacket also may act as a stress reliever as it has a pillow that apply on the shoulder, act as a travel neck and at the same time, and has a button that can be use as shoulder massage.

- A comfortable and smart jacket whereby it has double layers linen for the inner and outer of the jacket, furthermore the temperature can be adjusted depends on the wearer's environment.

- To replace the conventional jacket which is may be comfortable but not smart and have those smart features that can ease the wearer.

- To produce better and smart quality jackets that will assist with multiple functions thus benefit the user as the concept is one for all.

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1.5 Unique features

The uniqueness of the product for availability in Malaysia market consists of:

- Smart jacket which has multiple functions and can be carry all in one time which is convenient for travelers and backpackers.

- The product is a double layers jacket which has inner and outer layer. The outer layer is thicker compared to the inner one.

- A button for temperature adjustment whenever wearer wants to change the temperature of the jacket in order to synchronize with surrounding.

- It has an automatic glow in the dark function during night time and it charge through infrared during day time.

- The smart jacket also has a stress reliever button which can do a massage on a shoulder and can use it as travel neck pillow when the wearer in on travelling

1.5.1 Picture description

Figure 1: Front view of Smart Jacket