

اَوْنُو تِكْنُوْلُوْجِي مَارَا
UNIVERSITI
TEKNOLOGI
MARA

**ENT 600
TECHNOLOGY ENTREPRENEURSHIP**

**TECHNOLOGY ENTREPRENEURSHIP
PROJECT**

HEAT DETECTOR DEVICE

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Executive Summary

Our company is Tabligh Medical Supplier Sdn. Bhd. is an innovative, successful health care company specializing in the field of physical wellness. We specialize in the design of custom-made physical wellness technology device. Our motto is "*We Live to Solve & Survive*" in which our dream is to offer unique health products and to help each of us live a healthy. Our passions are health, personal freedom and learning. Our target markets are the health care providers, physical therapy, students, technicians, and etc.

For the first year, we have chosen our business in Lembah Klang in a way it is easy for our company to distribute and monitor our product as our company is located in Petaling Jaya, Selangor. The numbers of entrepreneurs that are producing and supplying the medical device such as what we are promoting is not encouraging compared to the increased number of patients.

Thus, our company has decided to hit the window of opportunity in providing specialized healthcare product to customers. Regarding to the increased of health care product demanding, we will tackle the target market to use our product. We are assuming that the Tabligh Medical Supplier Sdn. Bhd. has a good future prospect to grow and expand in upcoming years.

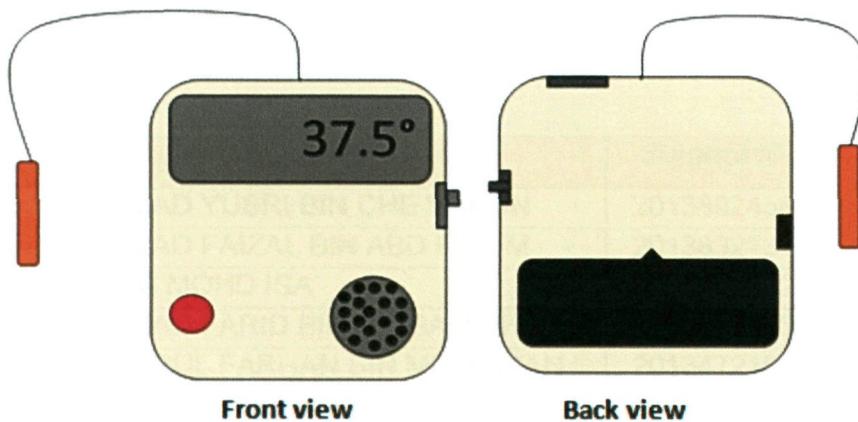
Our management team includes a General Manager, Research and Development Manager, Financial Manager, Marketing Manager, Manufacturing Manager, and Operation Manager as the manpower of this company. Each of these personnel's has their own qualification background of various fields with highly experienced.

Chapter 1

Product Descriptions

1.1 Introduction

Recently, we already conducted a survey on the rehabilitation unit and we find that heat therapy is very popular and often used as a treatment to cure the pain and symptoms. However, based on the survey, many patient claims that hot pack are too hot and uneven heat and it will cause skin burn. That why, our team will design and build the device for control and monitor the temperature of hot pack during treatment process. Our product is known as Heat Alert Detector.



1.2 **Device name:** Heat Alert detector

1.3 **Purpose:** This device use to monitor the temperature of hot pack while undergoing heat therapy.

1.4 **Why:** From on survey which has been done, patient usually claims uneven heat during receive heat treatment. That why, we design and build the device for monitoring the heat during treatment for patient safety and prevent patient from skin burn.

1.5 **How it functions:** Use of sensor and regulator within a pouch that can control and detect the heat within safe range (40°C - 45°C). If the temperature exceeds from the range this device will emit a sound signal and give the warning to therapist or user via smartphone or smartwatch.