

# UNIVERSITI TEKNOLOGI MARA

## FUNDAMENTAL OF TECHNOLOGY ENTREPRENEURSHIP

#### **ENT 600**

# FACULTY OF CHEMICAL ENGINEERING

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#### **COMPANY'S LOGO**





#### **CHAPTER 1**

#### PRODUCT DESCRIPTION

#### 1.1 Introduction

The product which is to be developed is a smart umbrella. This smart umbrella is installed with weather forecasting system which can inform the user about the oncoming weather. Compared to the other conventional umbrella, this umbrella has a better design which it eases the users in handling of opening and closing of the umbrella.

#### 1.2 Purpose of Development

- 1. To make it easier for people to handle the umbrella and minimizing the time to open and closing it.
- 2. To give a state of the art of umbrella technology to people.

#### 1.3 Product Concept

The umbrella can forecast the weather on the spot by using built-in GPS connected with the satellite.



### 1.4 Application

This umbrella can be used in any situations and specifically for outdoor activities.

## 1.5 Unique features

The unique features of JKATP:

- Have GPS function to provide information about oncoming weather.
- Can be closed reversely for better handling.
- Built with durable material for safety measure