



اَوْنِيُوْزِ سَيِّتِي تِي كُنُوْ لُو كِي مَبَارَا  
UNIVERSITI  
TEKNOLOGI  
MARA

## ENT 600 TECHNOLOGY ENTREPRENEURSHIP

**FINAL DRAFT :  
“SMART DRYING RACK”**

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## EXECUTIVE SUMMARY

Our product, Smart Drying Rack is an innovation that brings every household daily home tasks to it ease. Smart Drying Rack with its durable and modern feature, together with its unique feature that comes along with technology apps, Pro Rack Apps. Just one click on your mobile/ smartphone, Smart Drying Rack can be control when it detects the temperature changes surrounding. The Pro Rack Apps even comes with weather forecasts that makes the families easy to manage their drying clothes. With this Smart Drying Rack, there is no more worry of drying your clothes outside when you are not at home.

## CHAPTER 1

### **1.0 PRODUCT DESCRIPTION**

#### **1.1 Introduction**

In today's time, most of the clothes are left for drying outside of the house while the whole family are not at the home to pick up the clothes when it is raining. In result, the clothes are all wet and the process of drying start over again the next day. In recent study, it is not advisable to dry up clothes inside the house due to the inhalation of the chemical from the detergent and also increasing moisture level in the house. This situation may lead to respiratory diseases related to moisture.

Therefore, our product, "**Smart Drying Rack**" help make your everyday life more efficient and less hassle by letting you remotely monitor and manage your clothes drying outdoor **using application from your smartphone or mobile device.**

### **1.3 Purpose of development**

This product is the innovation for making busy life people to easier

### **1.3 Product Concept**

It is design for occupied people to ensure their clothes are still dry even if it is raining and they are not at home

### **1.4 Application**

#### **1.4.1 Functions**

- Wall mounted drying rack- the wall mounted drying rack is space saving and it is extendable and foldable.
- Smartphone / mobile device app - Using Wi-Fi connectivity allows your Smart Drying Rack to connect to the Internet and interact with the app from your smart phone or mobile device.
- The canvas feature which is build on the top, left and right side helps to cover the clothes hanged on the aluminium bar when the bar is track in.

### **1.5 Unique features**

The unique of the product for availability in Malaysia market consists of

- Usage of application in smart phone/mobile device wherever or whenever to ensure your clothes are drying well.
- Receive an alert when changing of weather that link in the app of smartphone.
- Automatic pen and close the rack.

### 1.5.1 Picture description

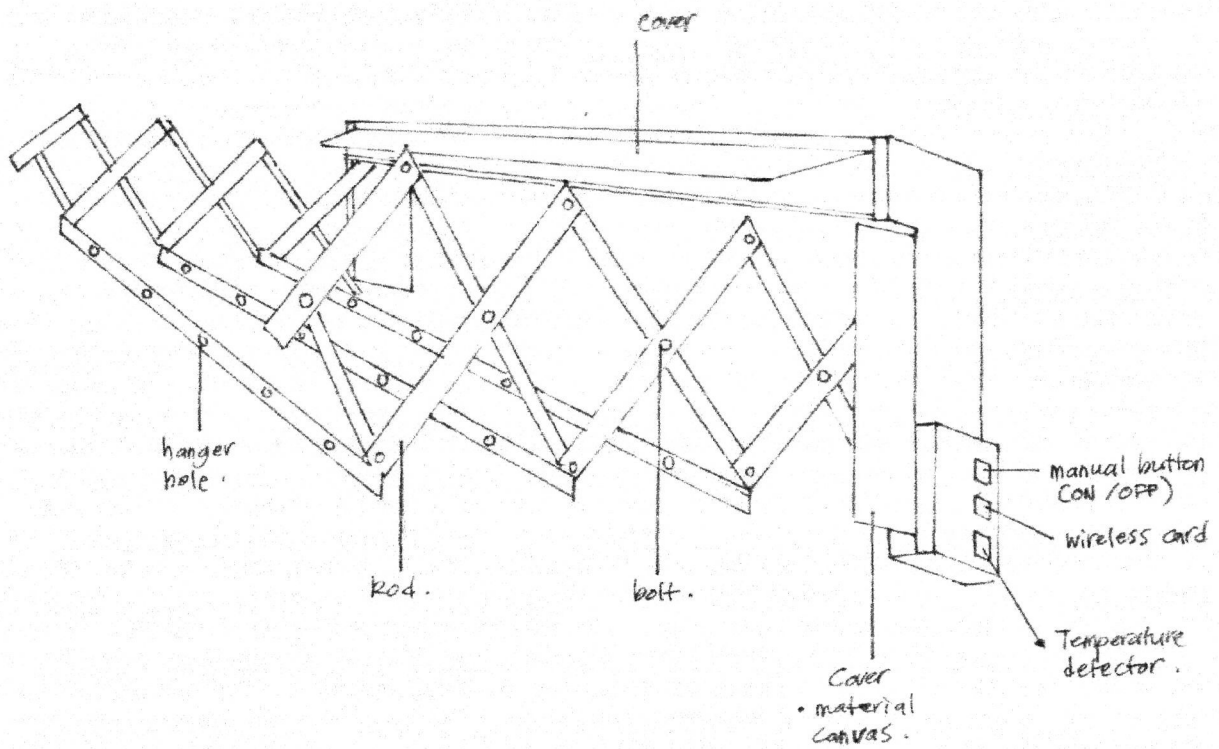


Figure 1: Component Part of Smart Drying Rack

Overall, Smart Drying Rack consists component part of :

- 1) Cover (Material canvas)
- 2) Hanger hole
- 3) Rod
- 4) Bolt
- 5) Manual button (on/off)
- 6) Wireless cord
- 7) Temperature detector