



اُونِيُوَرَسِيْتِي تِي كُونُو لُو كِي مَارَا  
UNIVERSITI  
TEKNOLOGI  
MARA

BLUEPRINT REPORT

K.A.S

SDN.BHD.

**INFRARED TIMER GAS STOVE**

FACULTY OF SCIENCE COMPUTER AND MATHEMATICS

(CS249)

TECHNOLOGY ENTREPRENEURSHIP (ENT600)

NAME

MOHAMAD SHAFEEQ BIN KAMAL AZMAN SHAH

(2017412796)

(CS249)

LECTURER

PN ZALEHA BINTI HASSAN

## **TABLE OF CONTENT**

<b>1.0</b>	Executive Summary
<b>2.0</b>	Product Description
<b>3.0</b>	Technology Description
<b>4.0</b>	Marketing Strategies
<b>5.0</b>	Organization
<b>6.0</b>	Financial Estimation
<b>7.0</b>	Project Milestone
<b>8.0</b>	Conclusion
<b>9.0</b>	Appendix

## **1.0 Executive Summary**

The name of our business is K.A.S SDN BHD. Our business type that generate is partnership which is it is limited liability restricted to the percentage of amount capital invest. The profit or loss will incurred by each partner based on the how much amount capital invest. The relation among business partner is dictated by an agreement. The infrared timer gas stove is a one innovative product concept of gas stove that created by K.A.S SDN BHD that has positioned as one of the successful business throughout in the country. As we know, all people around the world use stove when cooking for their daily life. So this product has potential in the market and able to compete with others. The reason for choose infrared gas stove because they do not open flame and they can considerable safer compare to other. Other than that, the combustion of the gas takes places directly on a radiant energy board where infrared energy is emitted and the board capable of heating materials to extremely high temperatures. By adding new features for infrared stove such as timer and buzzer, so this product can create the people to cook with smoothly and more efficient. This infrared timer gas stove us invented for everybody as it is suitable and can be used for anyone. The cost for this product is affordable for the users because it based on average price with other competitor's product. Therefore, this product is able to compete and can be commercialized in the industry.

## 2.0 Product Description

Infrareds timer stove is the one of the product for purpose cooking food. In our country in Malaysia, a lot of people nowadays use stove for cooking food in their daily life. This product produced in order to decrease the human work and the make the cooking cooked in well without any care. However, this product enhances the current product stove in Malaysia by adding new features for stove such as a buzzer timer when cook without any care and temperature heat sensor.

The infrared stoves is such technologies to heat gas for cooking purpose may be significantly more efficient, safer, cleaner and less expensive to operate. This product is basically infrared stove that contains a buzzer device and timer system. This timer can help people to set the desire and suitable time for their cook and the buzzer will active and that help to alert the people. This timer system is very compatible for this product because this application is very common and actually is quiet use by thee people in their daily life for example people always set timer when cooking or warm any food in the oven. Therefore, with this application, it can help user to save time and energy.

This product boasts on its features that purpose to decrease human work and also to decrease over cooked on cuisine. By taking advantage toward this situation the infrared timer stove has been invented with timer and buzzer as the special features. Our company come with this idea by improving the infrared stove in order to meet the new technology for people. This product also can create the people cook with smoothly and more efficient compare to the previous one. Besides that, by adding of the timer and buzzer for the product,

it can help users to do and focus other activities or work while cooking and it is better from the previous one because the previous products make people or users to finish their cook first and then they can do other activities. This product will also include the rubber stand that function to ensure the stove not moving when cooking.

With creation this new technology for this product, it an idea of good product that help reduce human work and tell people with sound of the buzzer when they cook without any care. Therefore, we are confidents this product will reach high demand in the market. Firstly, our company will produces this product in a small quantity for early commercialized as a market trial. If the market demand is high, thus our company will produce the system in large quantity to meet the market demand.

This company and all the products is subjected to Copyright Protection in Malaysia which is governed by Copyright Act 1987. The source code of our product and the framework of the timer and buzzer device as improvement of previous product of infrared stove is protected by said act.

The potential opportunity for the development of improving the infrared stove by adding the timer and buzzer as a new system that give advantage for the users. For example, adding thing the improvement of this product help users or people to cook in smoothly and they can setting the timer to set on how long to finish without have any care. Then after to time is finished, the buzzer will active and tell the users or people that their cooking is already cooked. Other than that, producing this product also can encourage people to do a lot of thing while they cooking some food.