

BLUEPRINT

“SMART VENDING MACHINE”

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CHAPTER 1

1. PRODUCT DESCRIPTION

1.1. Introduction

The product to be developing is Smart Vending Machine. The smart vending machine it can do incorporate function vending machine and oven. The product concept is fastening the process to get food. The product can deliver the item by frozen and cooked. It took 3 minutes to cook.

1.2. Purpose of development

The purposes of the product development are:

- Users easy to get the traditional frozen food whenever they want
- Simplify the process of frying food
- Safe time

1.3. Product concept

The product concept is to fastening the process to get the food

1.4. Application

Application of the product are:

- The users can choose the types of food they want.
- The users can buy the food whether it deliver in frozen or cooked.
- The users can pay the food by using touch n go, debit card or notes.

1.4.1. Function

The function to be highlighted are:

- LCD panel- The LCD panel is multifunction which display the calculation of food calories.

1.5. Unique feature

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

- Selling traditional frozen food with the display of calories taken
- Consider safety for children and users

1.5.1. Picture description

This is front view Smart Vending Machine



Figure 1.1: Front view

This is back view Smart Vending Machine

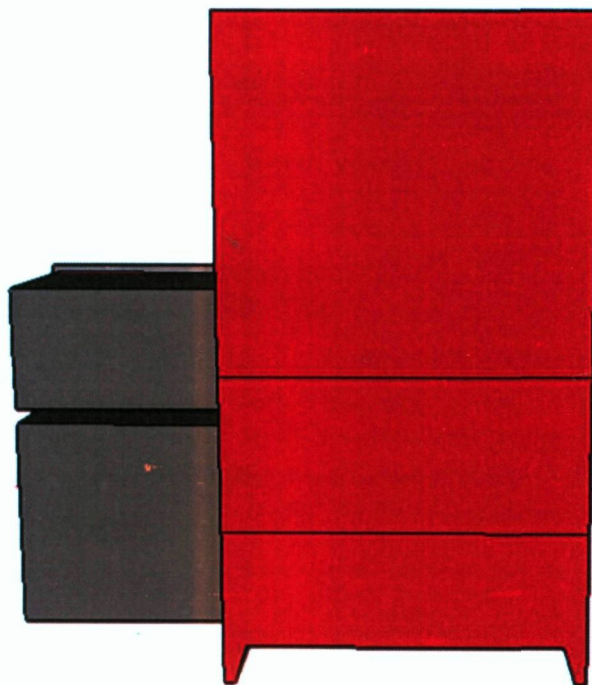


Figure 1.2: Back view

CHAPTER 2

2. TECHNOLOGY DESCRIPTION

2.1. Overview of Product Prototype

This product is the technology modification of common vending machine. It combines the vending machine and oven. It upgrades the payment method, which it can be done by online debit, *touch and go*, and notes cash. The order system equipped with touch screen. The machine use electric and batteries so if the electricity supply is disconnected, there are batteries that can be used as backup.

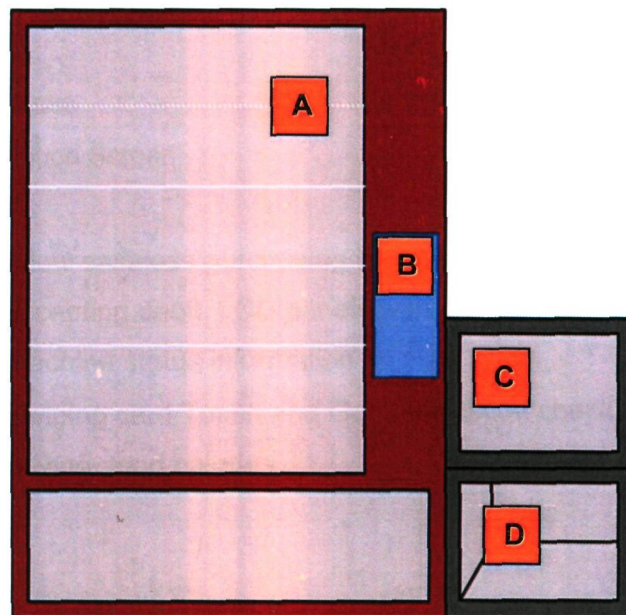


Figure 2.1: Smart Vending Machine

Label	Device
A	Body (Vending machine)
B	LCD panels
C	Oven
D	Pickup Box