



UNIVERSITI TEKNOLOGI MARA

**BACHELOR OF SPORT SCIENCE (SR243)**

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**COURSE:**

**ENT-600 TECHNOLOGY ENTREPRENEURSHIP**

**PROJECT NAME:**

**ATHLETIC FOOD MAKER (AFM)**

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## **CHAPTER 1**

### **1.0 PURPOSE OF DEVELOPMENT**

#### **1.1 Introduction**

The product that will be developed is an Athletic Food Maker to help athletes to enhance their food management intakes. This is due to situation where some athletes do not have much time to prepare their addition dietary food and hard to precise their food intake calories regarding to their training intensity. Therefore, this machine is developing to overcome these problems. The AFM is inspired from the coffee maker machine that can be managed by the users easily.

#### **1.2 Purpose of Development**

- To help athletes get sufficient nutrition based on their training needs
- Promote healthy food intake among athletes
- To create new way in food preparation for athletes
- Allows athletes to prepare the food based on their training intensity

#### **1.3 Product Concept**

- Help athletes prepare a healthy and adequate food intake (before, during and after training).

#### **1.4 Application**

- Get precise calories intake for athletes (before, during and after training)
- The athlete can determine their calories intake and calories recommendations for various level of training intensity.

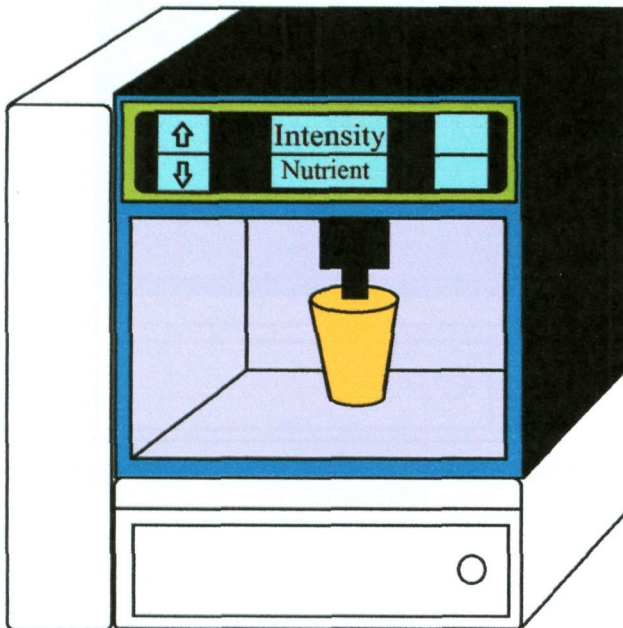
##### **1.4.1 Function**

- Auto-served or prepared for athletes
- Simply key-in some data such as body weight, body height, training regime, training intensity to get the correct food intake for the training.
- Pre-packed ingredients are inserted in the machine, press the button, and wait for five minutes then the snack is ready to be serve and eat.

## 1.5 Features

- The machine is easy to carry and move.
- Ingredients based on diet requirements in pre-pack disposable packet.
- User friendly machine that allow choice of product.
- Machine instantly prepare packed food based on athlete choice.

### 1.5.1 Picture Description

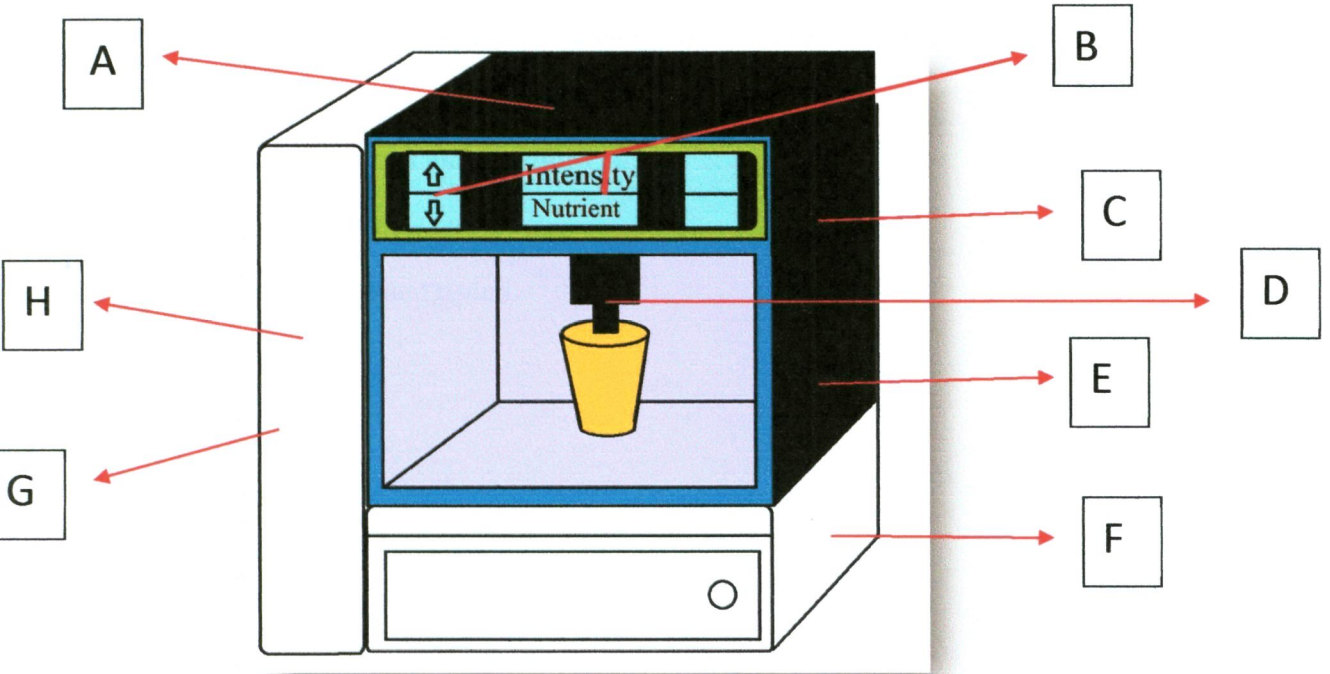


Athletic food maker

## CHAPTER 2

### 2.0 TECHNOLOGY DESCRIPTION

#### 2.1 Overview of product prototype



| Label | Device                         |
|-------|--------------------------------|
| A     | Stainless Hopper               |
| B     | Instruction button and display |
| C     | Evaporator & Air Pump          |
| D     | Outlet valve                   |
| E     | Smart AC Motor                 |
| F     | Compressor                     |
| G     | Air Cooler                     |
| H     | Condenser with fan             |