



UNIVERSITI
TEKNOLOGI MARA
MALAYSIA

ZAUBER® PRESSER

The Blueprint

Faculty : Faculty of Health Sciences

Program : Bachelor of Dietetics (Hons.)

Program Code : HS257

Course : Technology Entrepreneurship

Course Code : ENT 600

Semester : 7

Group Name : Fam A SDN BHD

Group Members :

1. Anis Suhaila Binti Razman	2015418836
2. Mardhiah Binti Mat Din	2015666626
3. Muhammad Aidil Bin Tawfik Teow	2015229368
4. Nor Farahin Binti Sabri	2015666402

Submitted to

MADAM HJH ZANARIAH BINTI ZAINAL ABIDIN

Submission Date

6th DECEMBER 2018

- Poor intro
- No Target Spec
- Very poor
multy ends

67

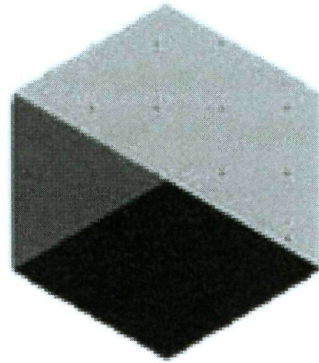
Table of Contents

CHAPTER 1.....	4
1.0 PRODUCT DESCRIPTION	4
1.1 Introduction	4
1.2 Purpose of development	4
1.3 Product Concept	4
1.4 Application	5
1.4.1 Functions	5
1.5 Unique features	5
1.5.1 Picture description.....	6
CHAPTER 2.....	7
2.0 TECHNOLOGY DESCRIPTION.....	7
2.1 Overview of Product Prototype.....	7
2.1.1 Bottle Lid (A), Portable Silicon Rope (B) and Strainer (C).....	10
2.1.2 PC Cup (D).....	11
2.1.3 Six Blades Blender Blade (E)	12
2.1.4 LED (F).....	12
2.1.5 USB Charging (G)	13
2.1.6 Vitamins and Mineral Sensor (H).....	13
2.1.7 Arduino Uno R3 Clone with USB (I)	14
2.1.8 Switch Button (J).....	15
2.1.9 ESP8266 NodeMCU Lua V3 WiFi Module (K)	16
2.1.10 Battery (L).....	17
2.1.11 Motor (M).....	18



COMPANY'S LOGO

FAM A SDN BHD



CHAPTER 1

1.0 PRODUCT DESCRIPTION

1.1 Introduction

Based on the observation toward the consumption of fruit and vegetable among Malaysian, the team had discovered and chosen the product that was believed can increase the fruit and vegetable intake in the most convenient way and had the best healthy guideline to enhance life. The product is Zauber® Presser. The current concern about the inadequate fruit and vegetable intake is due to the barriers that prevent individuals from eating the recommended number of fruit and vegetable, for example, the individuals had no enough time to prepare the healthy plate of fruit and vegetable and some of people think that fruit and vegetable were not tasty and bitter. This product is suitable for a working people and people who are seeking for a healthy diet to help them increase their fruit and vegetable intake through a convenient and healthy way.

1.2 Purpose of development

The purpose of the product development are:

- To optimize the recommended dose of daily micronutrients consumption among customers.
- To provide the suitable juice combination concerning the customers' current health condition.

1.3 Product Concept

- For working people who do not have time to consume enough macronutrients daily.
- For people who are seeking for a healthy diet concerning their own current health condition.

1.4 Application

1.4.1 Functions

- Smart panel- the sensor is used to detect how many vitamin and mineral content in the juice.
- ESP8266 NODEMCU Lua V3 WiFi Module- used to connect the presser with it apps whereas all the values of vitamin and mineral content calculated in the presser will be displayed in the apps.
- Arduino uno board- used to connect the power supply to the presser, including the switch button, and USB.

1.5 Unique features

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

- Smart panel that can calculate the micronutrients content in juice.
- Bottled-size presser.
- Able to connect to its Zauber® Presser apps.
- Consists of 6 blades and powerful motor system.
- Rechargeable 4000mAh battery.
- Able to work 20 times if fully charged.
- Battery can be charged by USB.
- The presser cannot work while charging.