RESEARCH AND DEVELOPMENT FINAL PROJECT

"URBAN VEGAN TASTE"

(The Gluten Free Cookies of the Vegan World with Exotic Taste)



Arranged by:

Kelvin Effendi

1774130010060

STUDY PROGRAM OF CULINARY ART ACADEMY CULINARY AND PATISSERIE OTTIMMO INTERNATIONAL SURABAYA 2019

RESEARCH AND DEVELOPMENT NEW PRODUCT

FINAL REPORT

"URBAN VEGAN TASTE"

Arranged by :

KELVIN EFFENDI (1774130010060)

Surabaya, 20th August 2019

Approved by : Yusi Erni Wulan, S.E., M.A..... Dr.rer.nat Ignasius Radix AP Jati..... Arya Putra Sundjaja, S.E..... Chef Kresna Bayu Pranata.....

Knowing,

Head Of Study Program Culinary OTTIMMO International Mastergourment Academy

Irra Chrisyanti Dewi, S.Pd., M.S.M NIP:197812011702028

Head of Culinary Arts Programme

Director of OTTIMMO International Mastergourment Academy Zaldi Iskandar, B.SC. NIP :1973101251201001

Director

ACKNOWLEDGMENT

Praise and thanks to God Almighty for the completion of this report. The Author can complete the writing of Research and Development Final Project Entitled "Urban Vegan Taste". This report has been prepared for the requirements to complete the Diploma III of Culinary Arts.

In the process of completing of this report, the Author has received much guidance and assistance from various parties. In the end, the author express their sincere thanks and gratitudes to :

- 1. Yusi Erni Wulan, SE., MSA., as Advisor who has guided, provide guidance and suggestions until the completion of this report.
- 2. Miss as the Examiner on the presentation
- 3. Ms. Irra C Dewi, S.Pd., M.S.M as Head of the Culinary Arts Studies Program.
- 4. Mr. Zaldy Iskandar, B.Sc as Director of Akademi Kuliner dan Patiseri OTTIMMO International Surabaya.

Finally, the Authors hope that this report can be useful for us all.

Surabaya, 2019

Kelvin Effendi

PLAGIARISM STATEMENT

I certify that this assignment/report is my own work, based on my personal study and/or research and that I have acknowledged all material and sources used in its preparation, whether they be books, articles, reports, lecture notes, and any other kind of document, electronic or personal communication. I also certify that this assignment/report has not previously been submitted for assessment in any other unit, except where specific permission has been granted from all unit coordinators involved, or at any other time in this unit, and that I have not copied in part or whole or otherwise plagiarised the work of other students and/or persons.

On this statement, I am ready to bear the risk/any sanctions imposed to me in accordance with applicable regulations, if in the future there is a breach of scientific ethics, or you have a claim against the authenticity of my work.

August 20th, 2019



Kelvin Effendi

EXECUTIVE SUMMARY

As being the economic and executive reasoning behind this project, the main and foremost is to capitalize the food and culinary industry that being called the "Millenials era" that emphasizes on healthy and being environment friendly towards the nature, that also demands a good or even perfect results. The second and lastly it to make easy investment return on such quick and big scale that it took faster than it would expected if the whole project took off smoothly and doesn't meet any road bumps in its way, in summary it also highlights the strength of this project which is a unique take and creative to enter the market and capitalizing and even further making a name in the market as a contender for upcoming product

TABLE OF CONTENTS

ACKN	OWLEDGMENT	ii
PLAG	ARISM STATEMENT	iv
EXECU	UTIVE SUMMARY	v
TABLI	E OF CONTENTS	vi
LIST C	OF TABLES	ix
LIST OF PICTURES		X
CHAPTER I		1
INTRODUCTION		1
1.1.	Background of Ingredients	1
1.2.	Reason For Selection of Ingredients	1
1.3.	The Main Material Processing Reason	2
1.4.	The Contents of Nutrients and Health Benefits	2

1.5. Description of New Product Features	3
CHAPTER II	
INGREDIENTS AND UTENSILS	
1.1 Ingredients	4
2.1 Utensils	14
CHAPTER III	19
PRODUCT PROCESSING SEQUENCE	19
3.1 Production Method	19
3.1.2 Hygiene and Sanitation	21
3.1.3 Final Recipe	22
CHAPTER IV	23
NEW PRODUCT OVERVIEW	23
Nutrition Fact	23
4.2 Product Characteristic	27
CHAPTER V	28
PRODUCT PROCESSING SEQUENCE	28
5.1 SWOT Analysis	28
5.2 Marketing Aspect	29
5.2.1 Target Market Overview	29
5.2.2 Market Positioning	29
5.2.3 Marketing Concept	30
5.3 Technical Aspect	31
5.3.1 Location	31
5.3.2 Production Capacity	31
5.4 Legal Aspect	32
5.6 Financial Aspect	33
5.6.1 Variable Cost	33
5.6.2 Overhead Cost	38
5.6.3 Fixed Cost	39
5.6.4 Break Even Point	39

CHAPTER VI	43
CONCLUSION	43
6.1 Conclusion	43
6.2 Suggestion	43
Bibliography/Reference	
APPENDIX	49

LIST OF TABLES

Table 1 Vanilla Flavored Nutrition Facts per Package	23
Table 2. Spice flavored nutrition facts per package	24
Table 3. Chocolate flavored nutrition facts per package	
Table 4. Snickerdoodle Vanilla, Serving suggestion: 5 pcs	25
Table 5. Five Spice Cinnamon, Serving suggestions: 5 pcs	
Table 6. Exotic Chocolate, Serving Suggestions : 5pcs	
Table 7. Variable Cost Vanilla	
Table 8. Variable Cost Five Spice Cinnamon	35
Table 9. Variable Cost Exotic Chocolate	
Table 10. Overhead Cost	
Table 11. Fixed Cost	

LIST OF PICTURES

Picture 1. Table from Panganku.org	2
Picture 2. Mocaf Flour	
Picture 3. Coconut Oil and Extract	
Picture 4. Soy milk	
Picture 5. Margarine	7
Picture 6. Sugar	7
Picture 7. Salt	
Picture 8. Vanilla Extract	8
Picture 9. Cinnamon Powder	9
Picture 10. Brown Sugar	9
Picture 11. Lemon	10
Picture 12.Allspice	11
Picture 13. Ginger	11
Picture 14. Chocolate Powder and Bar	12
Picture 15. Chocolate Vermicelli	12
Picture 16. Coffee Beans and Coffee Powder	12
Picture 17. Honey	13
Picture 18. Ceramic/Plastic Bowl	14
Picture 19. Ceramic Plate	14
Picture 20. Oven	15
Picture 21. Metal Spoon	15
Picture 22. Metal Ring cutter	16
Picture 23. Silicone Spatulas	16
Picture 24. Mixer	17
Picture 25. Digital Scale	18
Picture 26. Step 1	19
Picture 27. Step 2	20
Picture 28. Step 3	20
Picture 29. Step 4	
Picture 30. Step 5	21