BIBLIOGRAPHY

- Al-Jeddawi, W., & Remmington, N. (2018). Effect of Freezing on the Shelf Life of Salmon. *Hindawi*. https://www.hindawi.com/journals/ijfs/2018/1686121/
- Kokoszynski, D., Arpasova, H., Hrncar, C., Żochowska-Kujawska, J., Kotowicz, M., &Sobczak, M. (2020). Carcass characteristics, chemical composition, physicochemical properties, texture, and microstructure of meat from spent Pekin ducks. *ScienceDirect*, 99(2). https://doi.org/10.1016/j.psj.2019.09.003
- Mafruchati, M. (2020). Duck Meat, Delicious yet low in Unsaturated Fat; Comparative Study between Duck Meat Consumption in ASEAN toward the Number of COVID Cases. *Sys Rev Pharm*, *11*(10). https://www.sysrevpharm.org/articles/duck-meat-delicious-yet-low-in-unsaturated-fat-comparative-study-between-duck-meat-consumption-in-asean-toward-the-numbe.pdf
- Oke, E. K., Idowu, M. A., Sobukola, O. P., Adeyeye, S. A. O., &Akinsola, A. O. (2018). Frying of Food: A Critical Review. *Taylor & Francis Group*, 16(2). https://doi.org/10.1080/15428052.2017.1333936
- Purna, I. M., &Dwikayana, K. (2019).

 BetutuBali:MenujuKulinerDiplomasiBudaya Indonesia. *Patanjala*.

 https://doi.org/10.30959/patanjala.v11i2.478
- Song, Y., Huang, F., Li, X., Han, D., Zhao, L., Liang, H., Rui, M., Wang, J., & Zhang, C. (2021). Water status evolution of pork blocks at different cooking procedures: A two-dimensional LF-NMR T1-T2 relaxation study. *ScienceDirect*, *148*. https://doi.org/10.1016/j.foodres.2021.110614

APPENDIX

1. Approval sensory



CULINARY INNOVATION AND NEW PRODUCT DEVELOPMENT SENSORY TEST

DATE

: 15 May 2023

NAME

: Febri Andrian

NIM

:2174130010056

PRODUCT : Nugget bebek betutu

ADVISOR

: Gilbert Yanuar Hadiwirawan, A.Md.Par.

PANELIST	SIGHT	SMELL	TEXTURE	TASTE	TOTAL
Panelist 1	1	1	1	X	1
Panelist 2	4	√ √	1	4	4
Panelist 3	1	1	1	1	1
Panelist 4	1	1	X	7	V
Panelist 5	1	1	X	X	X
Panelist 6	1	1	X	X	X
Panelist 7	1	1	X	٧	1
Panelist 8	1	1	1	7	1
Panelist 9	1	V	1	X	V
Panelist 10	1	1	X	Х	х

NOTES

- Hambar
- Need more seasonig
- kurang kenyal dan kurang asin
- Seasoning.nya kurang berasa



2. Approval recipe

Recipe Name : Nugget Bebek Betutu

TITLE OF C&D : MAKING OF NUGGET FROM DUCK MEAT WITH BETUTU

SPICES

Yield : 550 Gr

Main Ingredients : 440 Gr Duck Meat

Ingredients

-	Flour	5 Tbsp	-	Galanggal	2.5 Cm
	Bread crumb	200 Gr	-	Turmeric	2.5 Cm
-	Salt	5 Gr	-	Sand Ginger	2 Cm
-	Oil	4 Tbsp		Ginger	2 Cm
-	Egg	5 Pcs	-	Candlenut	1 Tbsp
-	MSG	3 Gr	-	Coriander	3 Pcs
-	Garlic	5 Pcs	-	Lime Leaves	3 Pcs
-	Shallot	6 Pcs	-	Bay leaf	2 Pcs
-	Red Chilli	3 Pcs	2	Lemon Grass	1 Pcs
-	Cayenne Pepper	2 Pcs		Cornstarch	1.5 Tbsp
_	Sugar	3 Gr			

Method

- First, we need to fillet the duck meat from the bone and blend the meat until smooth, don't forget to give some duck skin too.
- 2. Sautee the candlenut and coriander until the aroma comes out
- 3. Put the ingredients for the betutu seasoning into the blender until smooth.
- Sautee betutu seasoning with lemon grass, lime leaves, bay leaf. Adjust with salt, sugar and msg.
- 5. Take the leaves from betutu seasoning.
- Mix the meat with betutu seasoning, and cook a little bit to know the taste already enough or no.
- Put into a steamer and steam it for around 30-45 depends the thickness the meat in the steamer
- 8. But into a square by square.
- 9. prepare dry flour, eggs, and breadcrumbs than coat the meat.
- 10. Cook until golden brown then set a side.

RECIPE BACKGROUND

Bumbu Betutu is a traditional dish from Bali, Indonesia and usually made from duck. The reason I made this project is to promote bumbu betutu to the international market and also make use duck meat because I think the use of duck meat in Indonesia is lower than the use of chicken meat. And the reason that I chose the shape of a nugget is because nugget is a quite popular dish all around the world and I think it will be more easily accepted to people.

Student Name

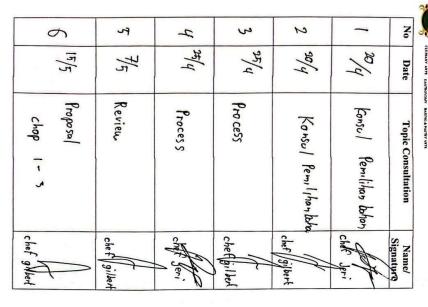
: Febri Andrian

NIM

: 2174130010056

1st Advisor	2 nd Advisor	3 rd Advisor
Mor	20in	A.
Name: Gilbert YanuarHadiwirawan, A.Md.Par. Date:	Name: Elinar, SST.Par., M.Si.Par. Date:	Name: Ryan Yeremia Iskandar, SS Date:

3. Consultation form



INTERNASIONAL	OMMITTO	OHHER	Akademi Kuliner & Patiseri
INTERNASIONAL NEW PRODUCT DEVELOPMENT	CULINARY INNOVATION AND	CONSULTATION FORM	

12	=	0)	9	90	73	No.
	10/10	5/10	6/s	15/8	3/2	Date
	Revisi #	Fonsul fosi proposal Revisi II	fonsultosi sidang	Revisi Proposal I	fonsultari proposal	Topic Consultation
-	chirolet les	chell gilbert	chell gilbert	chet by bert	chef gilber	Name/ Signature

Student Number

Name

4. Process documentation

1. Blend the duck meat that already fillet until smooth.



2. Saute coriander and candlenut until the aroma comes out.



3. Put the aromatic along with oil from the duck skin or use any oil.



4. Blend the armomatic until smooth.



5. Saute the aromatic with lemon grass, lime leaves and bay leaves until fully cooked.



6. Mix the meat, betutu spices, egg and flour. Add the seasoning and tasted a little.



7. Steam for around 30 - 45 minute.



8. Cut into square by square and coating with egg, flour and bread crumbs. Cook until golden brown.

