

SOFTWARE ENGINEERING COURSE, SEM 2021 -2

RESTAURANT MANAGEMENT SYSTEM

(FINAL PROJECT REPORT)

Submitted by:

GROUP 5 (M IT-2020 CLASS 3)

Head: Mulya Fajar Ningsih Alwi (001202000101)

Members: Rosalia Putri A. Fernandez (001202000040)

Rahayu Maharani (001202000011)

Aznan Jaya Putra (001202000033)

Submitted to:

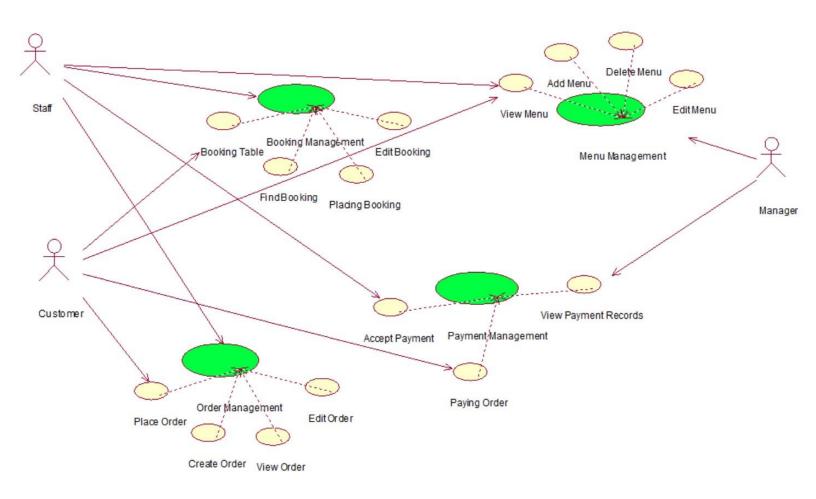
Prof. Dr. Ir. Wiranto Herry Utomo, M.Kom

(Software Engineering Lecturer)

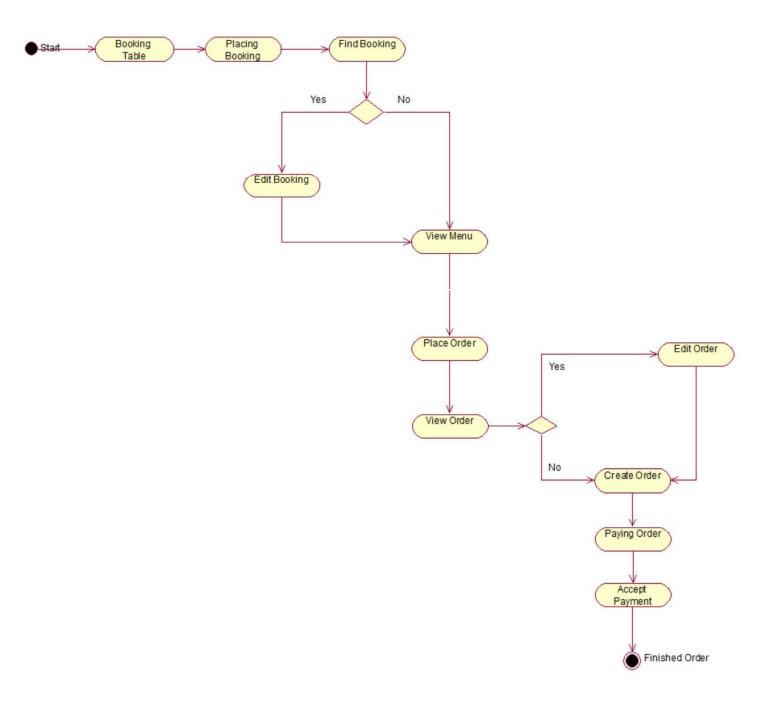
Date:

20th May 2022

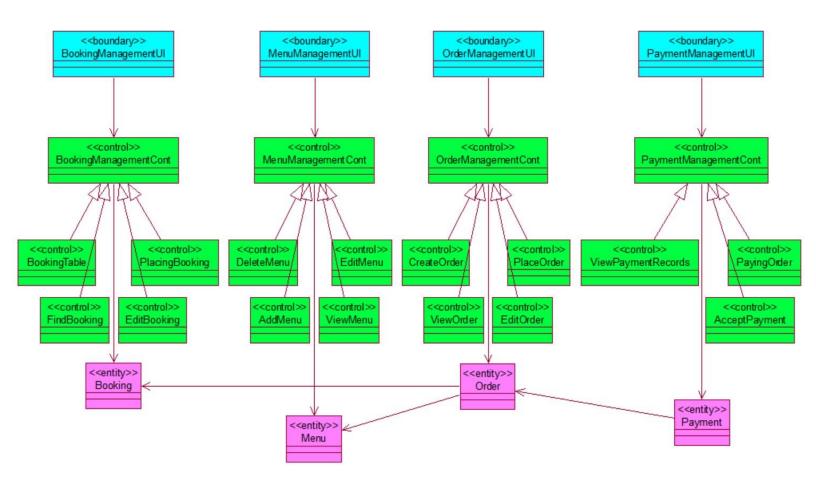
USE CASE DIAGRAM



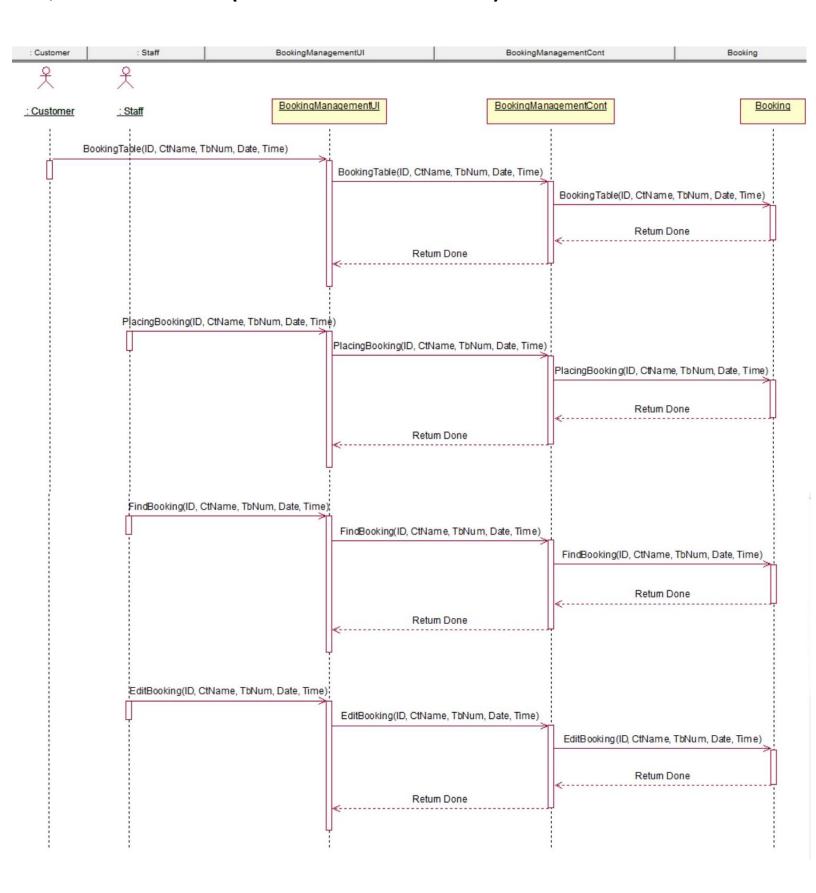
ACTIVITY DIAGRAM



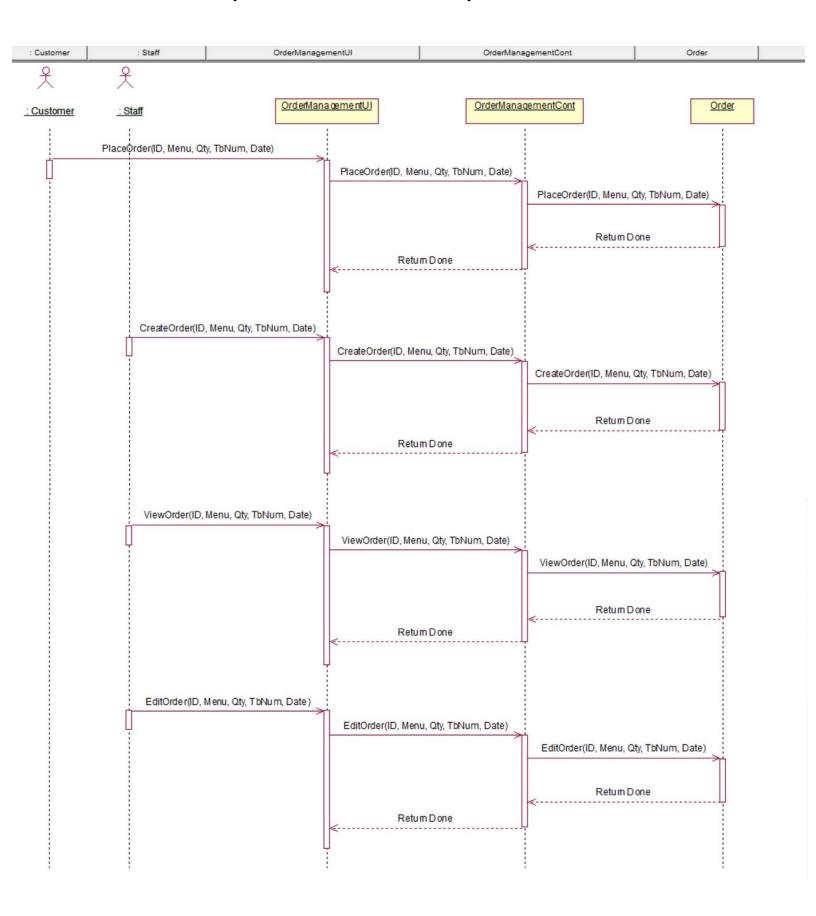
CLASS DIAGRAM



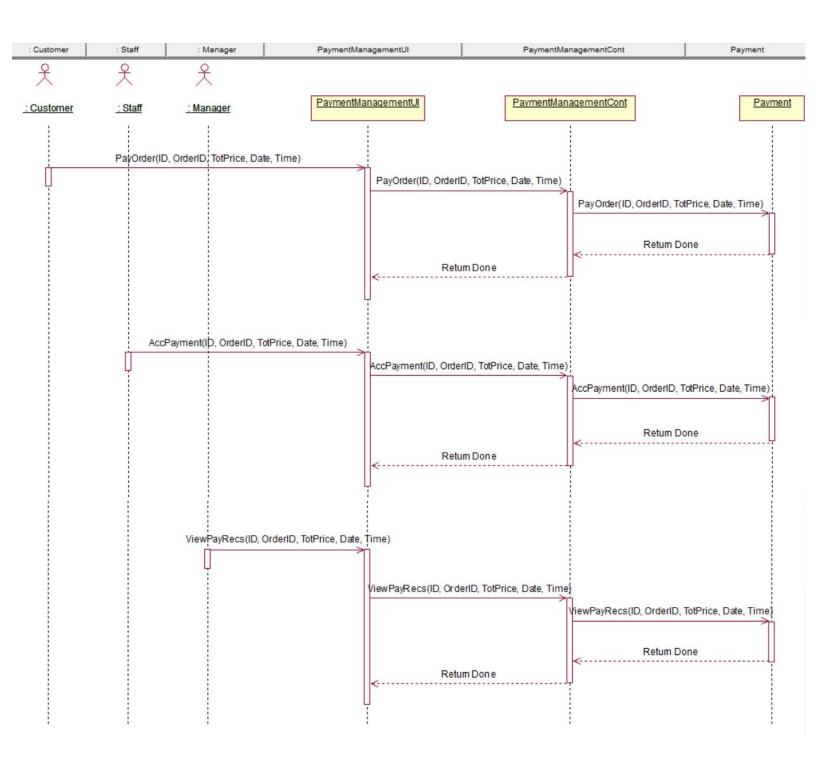
SEQUENCE DIAGRAM (BOOKING MANAGEMENT)



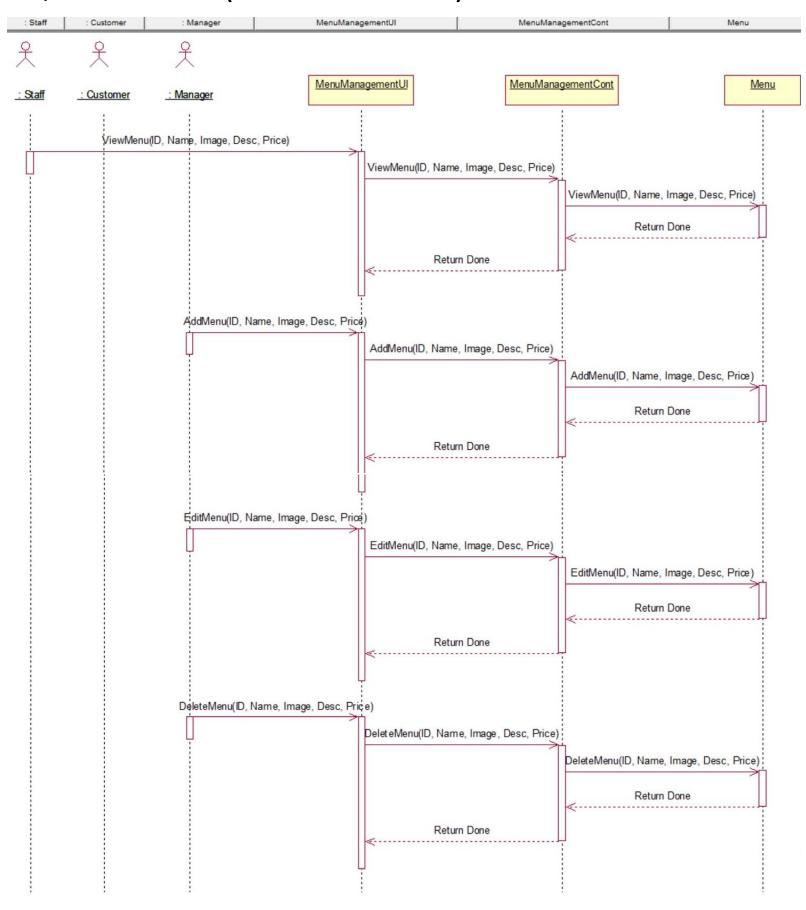
SEQUENCE DIAGRAM (ORDER MANAGEMENT)



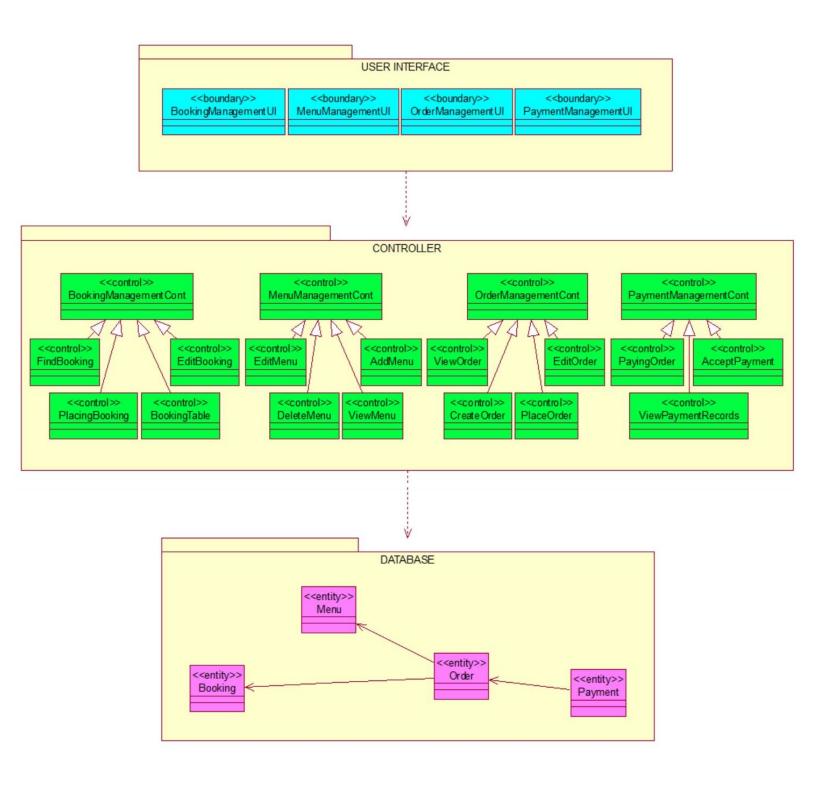
SEQUENCE DIAGRAM (PAYMENT MANAGEMENT)



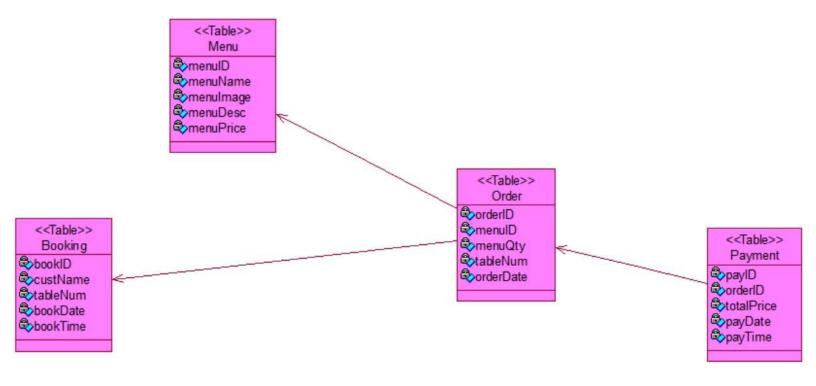
SEQUENCE DIAGRAM (MENU MANAGEMENT)



SOFTWARE ARCHITECTURE DIAGRAM



DATA DESIGN DIAGRAM



INTERFACE DESIGN

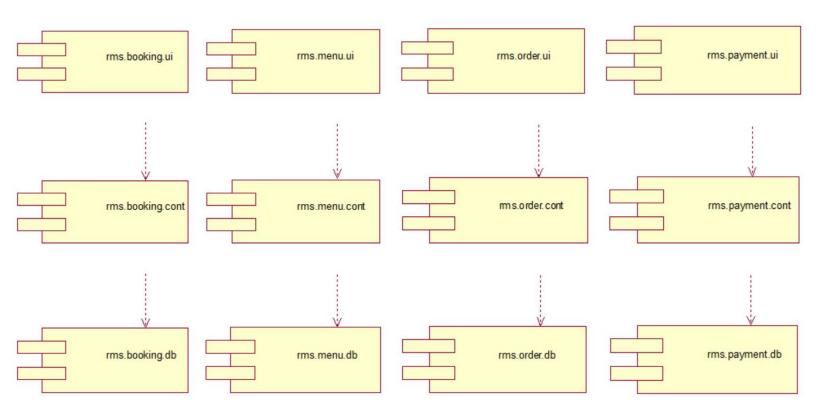
BOOKING			
Booking ID	:		
Customer Name	:		
Table Number	:		
Booking Date	:		
Booking Time	:		
Find	Add Edit		

	ORDER
Order ID	:
Menu ID	:
Menu Quantity	:
Table Number	:
Order Date	:
View	Add Edit

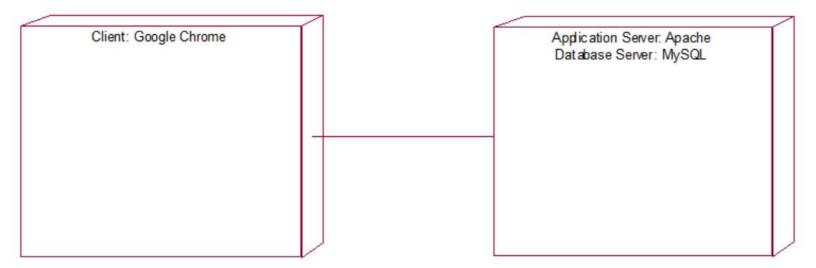
	MENU		
Menu ID	:		
Menu Name	:		J
Menu Image	:		
Menu Description	:		
Menu Price	:		
View	Add	Edit	Delete

PAYMENT		
Payment ID	:	
Order ID	;	
Total Price	:	
Payment Date	:	
Payment Time	:	
View	bbΔ	

COMPONENT-LEVEL DESIGN DIAGRAM



DEPLOYMENT-LEVEL DESIGN DIAGRAM



IMPLEMENTATION OF APPLICATION SYSTEM (CUSTOMER INTERFACE)

HOME PAGE



BOOK A TABLE

Discover Fresh Menu



LOCATION

North Cikarang, Bekasi West Java CONTACT

(021) 12345678, 081234567891 SEGroup5@example.com



We support Ukraine and condemn war. Push Russian government to act against war. Be brave, vocal and show your support to Ukraine. Follow the latest news HERE

MENU PAGE



Breakfast Menu



Wheat Bread Sandwich Toast refers to a piece of bread

IDR 15000



Chicken Porridge

Chicken porridge is a type of por...

IDR 20000



Mung Bean Porridge

Mung bean porridge or often abbre..

IDR 10000

Coffee

Coffee is a drink made from brewe...

IDR 6000



Milk

Milk is a white nutritious liquid...

IDR 15000

Lunch Menu



Fried Chicken

Fried chicken is an Indonesian di..

IDR 25000



Meatball

Meatballs are a type of meatball.

IDR 18000



Chicken Noodle

Chicken noodle is an Indonesian d...

IDR 20000



Iced tea is tea that is cooled wi...

IDR 7000



Lemon tea is lemon mixed and matc...

IDR 9000





Chicken Soup

Chicken soup is a soup made from ..

IDR 20000



Chicken Soto

Chicken soto is a typical Indones...

IDR 25000



Fish Pesmol

Fish pesmol is Indonesian cuisine..

IDR 15000



Hot Tea

Hot tea is tea that is brewed wit..

IDR 6000



Avocado Juice

Avocado juice is a drink made fro...

IDR 10000

Special Menu



Cookies

Cookies is a baked or cooked snac..

IDR 18000



Cereal

Cereal formally termed breakfast ...

IDR 12000



Waffle

Waffles is a dish made from leave...

IDR 18000



Pudding

Pudding is a dessert that is gene...

IDR 21000

MENU DESCRIPTION PAGE

Five Restaurant

Home Menu Reservation Gallery Order

Food Description



CHICKEN PORRIDGE

Chicken porridge is a type of porridge from Indonesia. Rice porridge is rice cooked with lots of water so that it has a soft and watery texture.

Category: breakfast
Price: IDR 20000

Quantity:

1 +

Total Price: IDR 20000

Add to Order

LOCATION

North Cikarang, Bekasi West Java

CONTACT

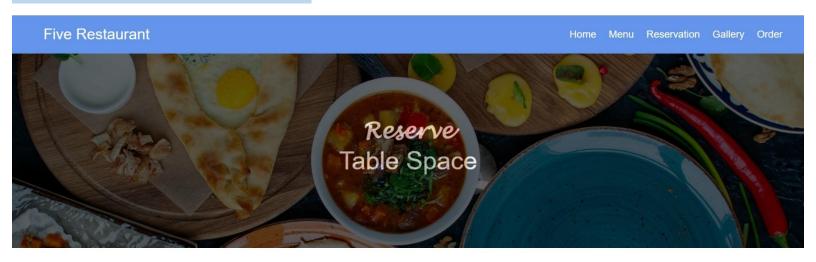
(021) 12345678, 081234567891 SEGroup5@example.com



© 2022 ElveRos a vent All Pights Reserved

We support Ukraine and condemn war. Push Russian government to act against war. Be brave, vocal and show your support to Ukraine. Follow the latest news HERE

BOOKING / RESERVATION PAGE



BOOK A TABLE

WE OFFER YOU THE BEST RESERVATION SERVICES

Number of Guest	Suggestions (E.g Number of plates, How you want the setup to be)
8	Please put some fresh roses in the vase and some romantic candles on the table.
Email	
mulyafajar119@example.com	
Phone Number	
085478923109	
Date	
06/01/2022	©
Time	
07:00 PM O	MAKE YOUR BOOKING

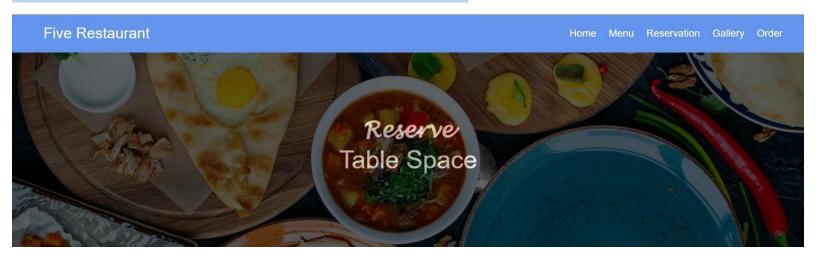
LOCATION

North Cikarang, Bekasi West Java CONTACT

(021) 12345678, 081234567891 SEGroup5@example.com



BOOKING / RESERVATION CONFIRMATION PAGE



BOOK A TABLE

WE OFFER YOU THE BEST RESERVATION SERVICES

Reservation placed successfully. Your reservation code is FIVE_747892310. Number of Guest Suggestions (E.g Number of plates, How you want the setup to be) your suggestions How many guests Email Enter your email Phone Number Enter your phone number Date mm/dd/yyyy Time --:-- --0 MAKE YOUR BOOKING

LOCATION

North Cikarang, Bekasi West Java CONTACT

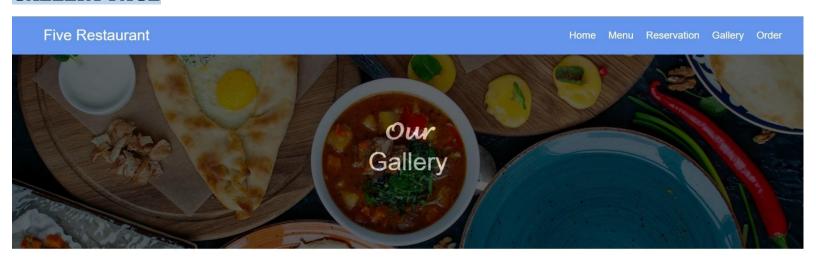
(021) 12345678, 081234567891 SEGroup5@example.com



© 2022 Evice Research All Rights Reserved.

We support Ukraine and condemn war. Push Russian government to act against war. Be brave, vocal and show your support to Ukraine. Follow the latest news HERE

GALLERY PAGE



Food Varieties



ORDER / BASKET PAGE



□ Food Basket

 Food
 Price(N)
 Qty
 Total
 Remove

 Chicken Porridge
 20000
 3 ✓
 60000
 X

 BASKET TOTAL : IDR 60000

LOCATION

Empty Basket

North Cikarang, Bekasi West Java CONTACT

(021) 12345678, 081234567891 SEGroup5@example.com

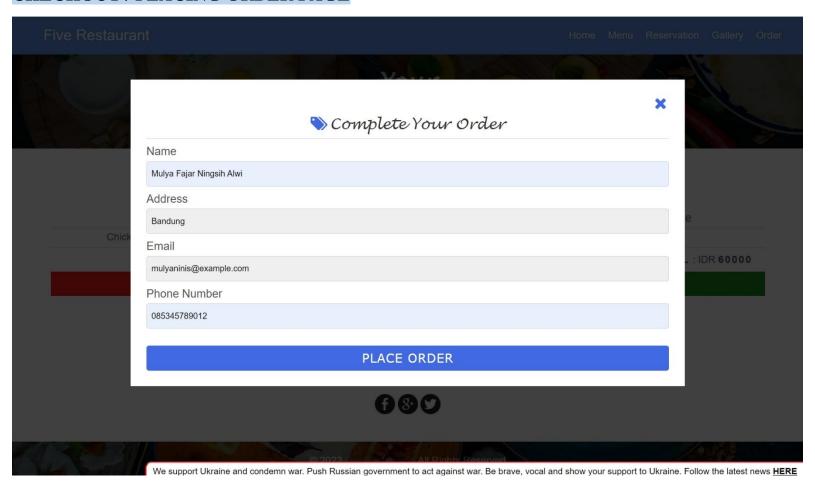
Checkout



@ 2022 FiveResignant All Rights Reserved

We support Ukraine and condemn war. Push Russian government to act against war. Be brave, vocal and show your support to Ukraine. Follow the latest news HERE

CHECKOUT / PLACING ORDER PAGE



ORDER / BASKET CONFIRMATION PAGE





Thank you for your patronage Mulya Fajar Ningsih Alwi. Your **Order number** is: ORD_61. We will ensure that your order is delivered in time and we do hope that you continue patronizing us. Please, it is important to take note that your order number should be kept safe.

LOCATION

North Cikarang, Bekasi West Java

CONTACT

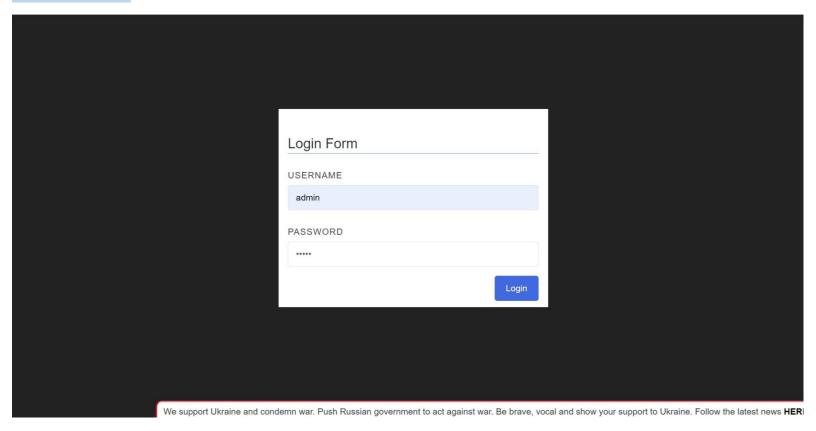
(021) 12345678, 081234567891 SEGroup5@example.com



We support Ukraine and condemn war. Push Russian government to act against war. Be brave, vocal and show your support to Ukraine. Follow the latest news HERE

IMPLEMENTATION OF APPLICATION SYSTEM (ADMIN / STAFF INTERFACE)

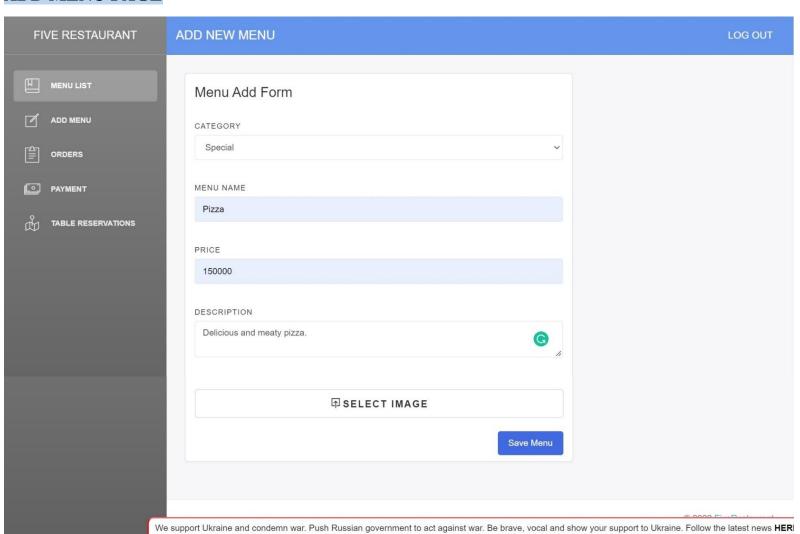
LOGIN PAGE



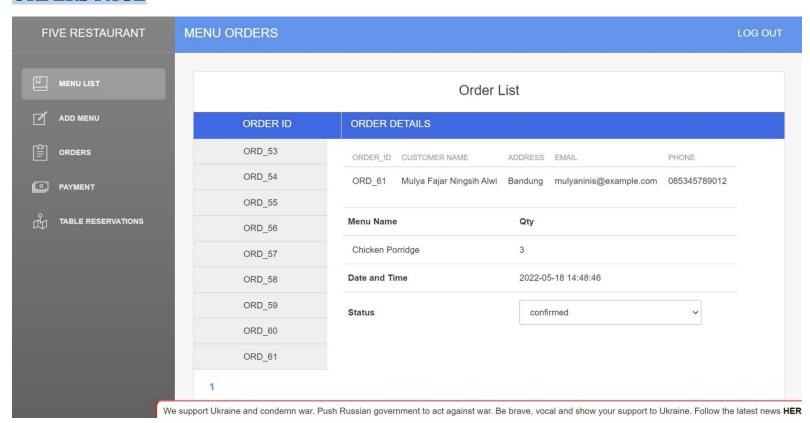
MENU LIST PAGE

FIVE RESTAURANT	MENU CO	DLLECTION			LOG OUT
MENU LIST	Menu	List			
ADD MENU	S/N	NAME	PRICE	CATEGORY	ACTION
ORDERS	1	Wheat Bread Sandwich	15000	breakfast	\otimes
PAYMENT	2	Chicken Porridge	20000	breakfast	\otimes
TABLE RESERVATIONS	3	Fried Chicken	25000	lunch	\otimes
Щ маг постинного	4	Meatball	18000	lunch	\otimes
	5	Chicken Soup	20000	dinner	\otimes
	6	Chicken Soto	25000	dinner	\otimes
	7	Mung Bean Porridge	10000	breakfast	\otimes
	8	Chicken Noodle	20000	lunch	\otimes
EN /E DEOTALIDANT	9	Fish Pesmol	15000	dinner	\otimes
FIVE RESTAURANT	10	Coffee	6000	breakfast	\otimes
MENU LIST	11	Milk	15000	breakfast	\otimes
ADD MENU	12	Iced Tea	7000	lunch	\otimes
(≟) ORDERS	13	Lemon Tea	9000	lunch	\otimes
PAYMENT	14	Hot Tea	6000	dinner	⊗
TABLE RESERVATIONS	15	Avocado Juice	10000	dinner	⊗
др - ·····	16	Cookies	18000	special	⊗
	17	Cereal	12000	special	⊗
	18	Waffle	18000	special	⊗
		Pudding			⊗
	19	Fudding	21000	special	©
	1				

ADD MENU PAGE



ORDERS PAGE



PAYMENTS PAGE

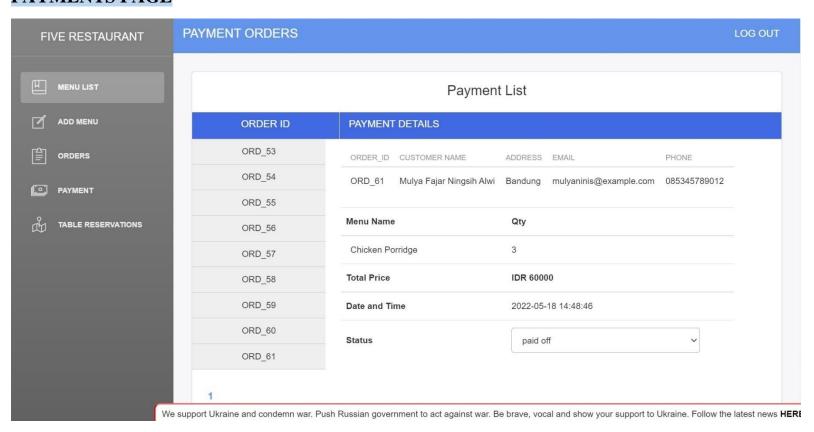
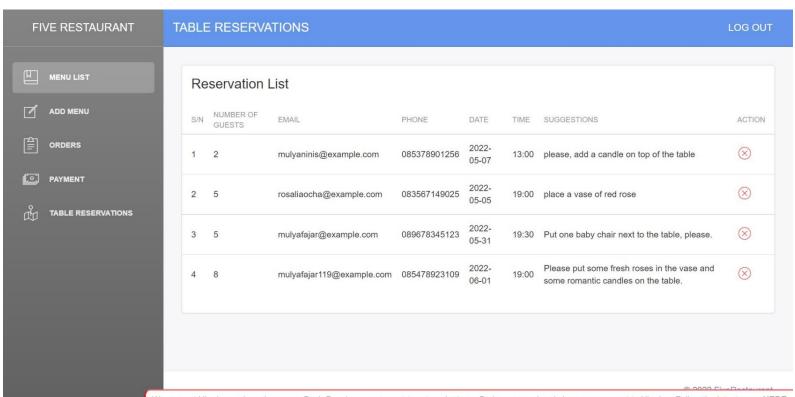


TABLE BOOKING / RESERVATIONS PAGE



We support Ukraine and condemn war. Push Russian government to act against war. Be brave, vocal and show your support to Ukraine. Follow the latest news HERE