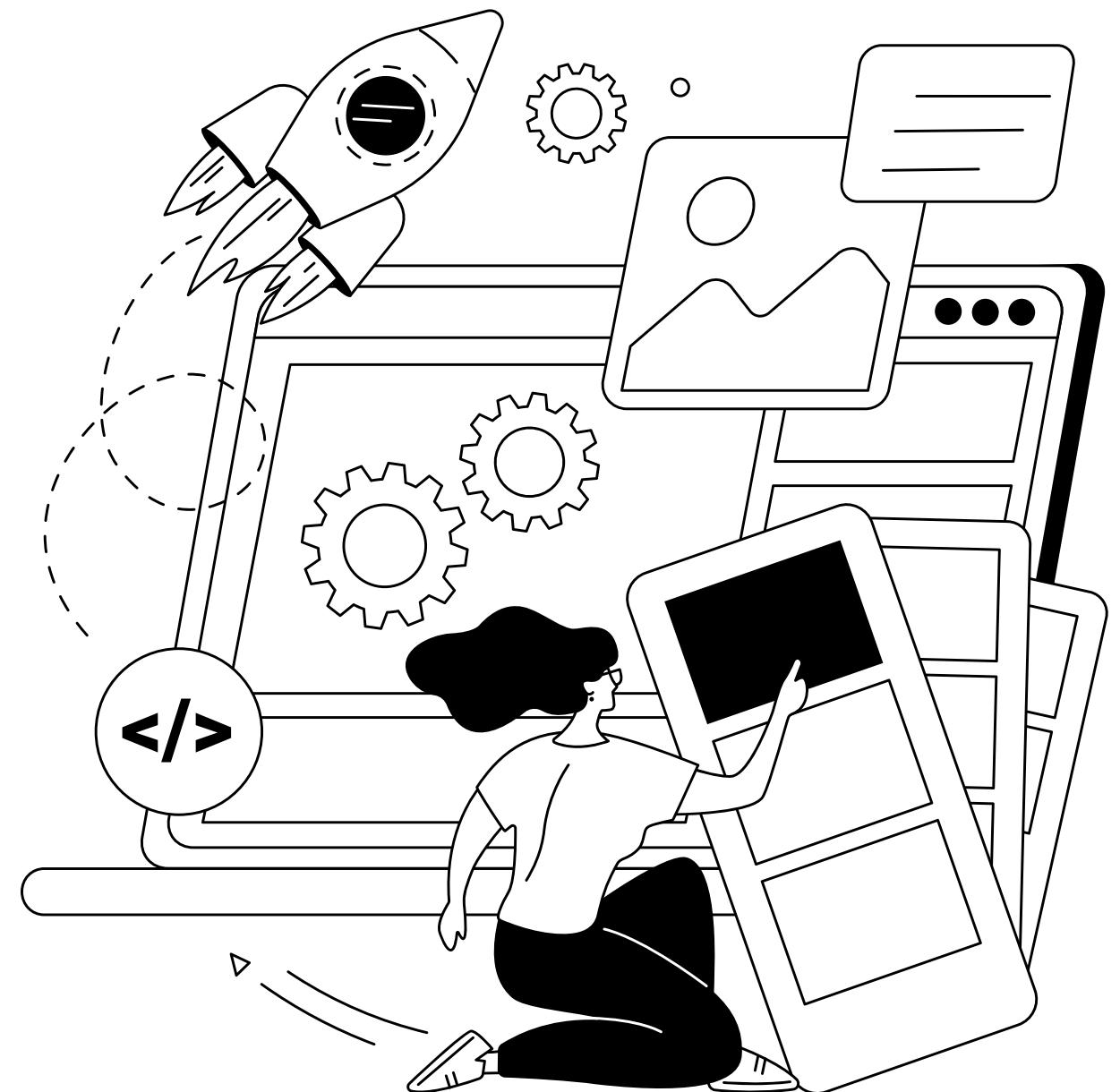


→ BASIS DATA - B

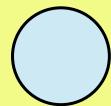


PROGRESS 1

# SAM-FOOD

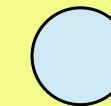
# Our Team

---



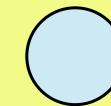
**AULIA KARTIKA PUTRI**

235150207111033



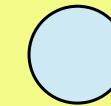
**FARAH MEYTHA AISHA**

235150200111030



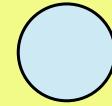
**GLADYS ABEL VENETA GEORGE**

235150201111038



**IZZAH FAIQ PUTRI MADANI**

235150201111039



**AFIFAH NABILA DEVI**

235150207111041

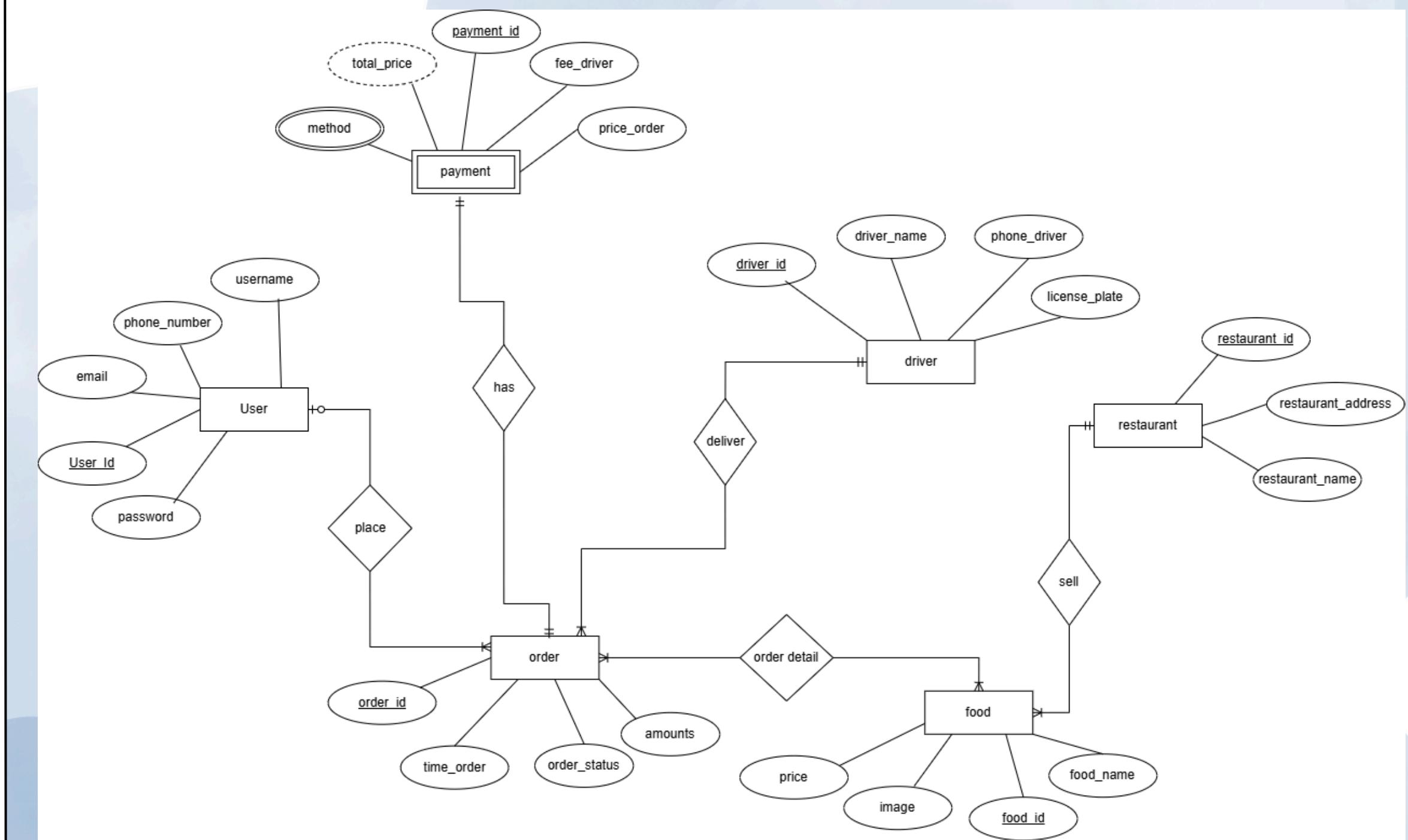
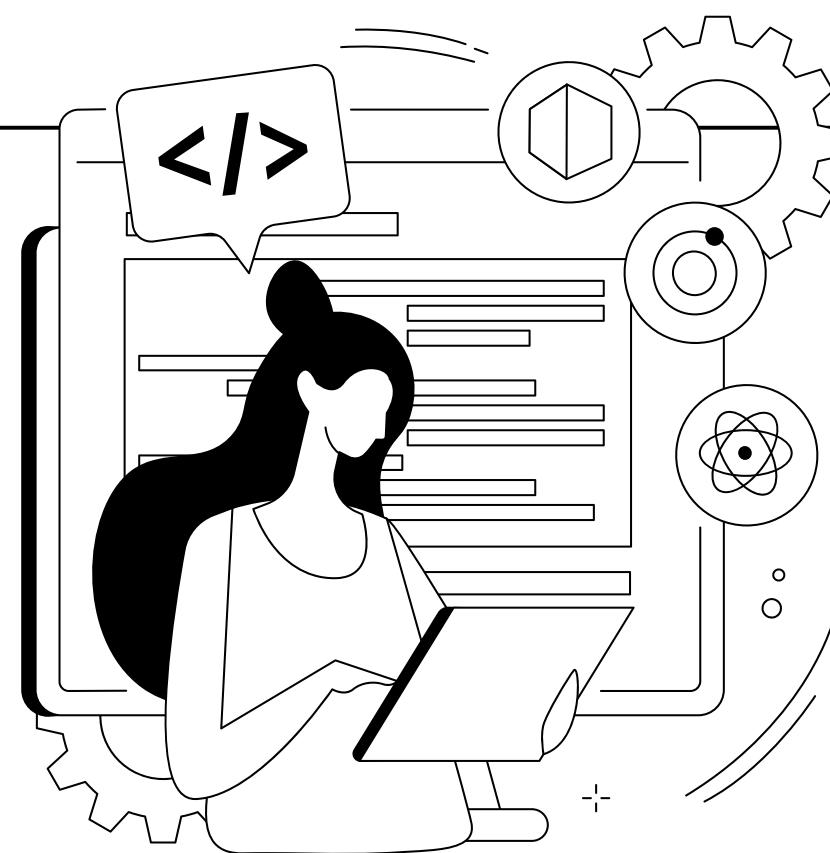
# Overview



Aplikasi Sam-Food adalah aplikasi yang berfokus pada jual beli makanan dan minuman. Dirancang dengan kemudahan sebagai prioritas, aplikasi ini memungkinkan pengguna untuk dengan mudah menemukan dan memesan makanan atau minuman favorit mereka, serta menyediakan opsi pembayaran terintegrasi untuk pengalaman yang lebih praktis.

# ERD

## Entity Relationship Diagram



Link : <https://drive.google.com/file/d/190TnjdRaOU3SgeDfGrXceMH5dodj3jpF/view?usp=sharing>

# Tabel Relational

Tabel User ▾ Tabel Order ▾ Detail Pesanan ▾ Tabel Food ▾ Tabel Driver ▾ Tabel Restaurant ▾ Tabel Payment ▾ Tabel Method Payment ▾

## TABEL USER

User_Id (PK)	password	username	phone_number	email
--------------	----------	----------	--------------	-------

## TABEL ORDER

order_id (PK)	time_order	order_status	User_Id (FK)	driver_id (FK)	amounts
---------------	------------	--------------	--------------	----------------	---------

## TABEL ORDER DETAIL

order id(FK)	food id(FK)
--------------	-------------

## TABEL FOOD

food_id	price	image	food_name	restaurant_id (FK)
---------	-------	-------	-----------	--------------------

# Tabel Relational

## TABEL DRIVER

<u>driver id</u>	<u>driver_name</u>	<u>phone_driver</u>	<u>license_plate</u>
------------------	--------------------	---------------------	----------------------

## TABEL RESTAURANT

<u>restaurant id</u>	<u>restaurant_name</u>	<u>restaurant_address</u>
----------------------	------------------------	---------------------------

## TABEL PAYMENT

<u>order id (FK)</u>	<u>payment id</u>	<u>fee_driver</u>	<u>price_order</u>
----------------------	-------------------	-------------------	--------------------

## TABEL PAYMENTMETHOD

<u>payment id (FK)</u>	<u>method</u>
------------------------	---------------

# DATA DUMMY

---



**KLIK LINK : DATA DUMMY**

# QUERY



Satu makanan atau minuman yang paling sering dibeli dari setiap restoran.

```
CREATE PROCEDURE pembelianTertinggi
AS
BEGIN
    WITH RankedFood AS (
        SELECT
            r.restaurant_name,
            f.food_name,
            COUNT(dp.food_id) AS total_orders,
            ROW_NUMBER() OVER (PARTITION BY r.restaurant_id ORDER BY COUNT(dp.food_id) DESC) AS ranking
        FROM
            Restaurant r
        JOIN Food f ON r.restaurant_id = f.restaurant_id
        JOIN Detail_Pesanan dp ON f.food_id = dp.food_id
        GROUP BY
            r.restaurant_name, f.food_name, r.restaurant_id
    )
    SELECT
        restaurant_name,
        food_name,
        total_orders
    FROM
        RankedFood
    WHERE
        ranking = 1
    ORDER BY
        restaurant_name;
END;

EXEC pembelianTertinggi;
```

100 %

Results Messages

	restaurant_name	food_name	total_orders
1	Geprek Kak Rose	Geprek Ayam Sambal ijo	5
2	Mang Ujo	Good Day Cappucino Hangat	3
3	Mie Gacoan	Udang Keju	11
4	Nasi Goreng 69	Nasi Goreng Baso	3
5	Sego Cokot	Ayam Pedas Kemangi	4
6	Umayumcha	Dimsum Jamur	3

# QUERY



Tiga restoran dengan penjualan tertinggi

```
CREATE PROCEDURE penjualanRestoranTertinggi
AS
BEGIN
SELECT TOP 3
    r.restaurant_name,
    COUNT(dp.food_id) AS totalPenjualan
FROM
    Restaurant r
JOIN Food f ON r.restaurant_id = f.restaurant_id
JOIN Detail_Pesanan dp ON f.food_id = dp.food_id
GROUP BY
    r.restaurant_name
ORDER BY
    totalPenjualan DESC;
END;

EXEC penjualanRestoranTertinggi;
```

100 %

Results Messages

	restaurant_name	totalPenjualan
1	Mie Gacoan	39
2	Geprek Kak Rose	36
3	Mang Ujo	35

# QUERY



Tiga makanan terbanyak yang dibeli bersamaan dengan makanan “Udang Rambutan”

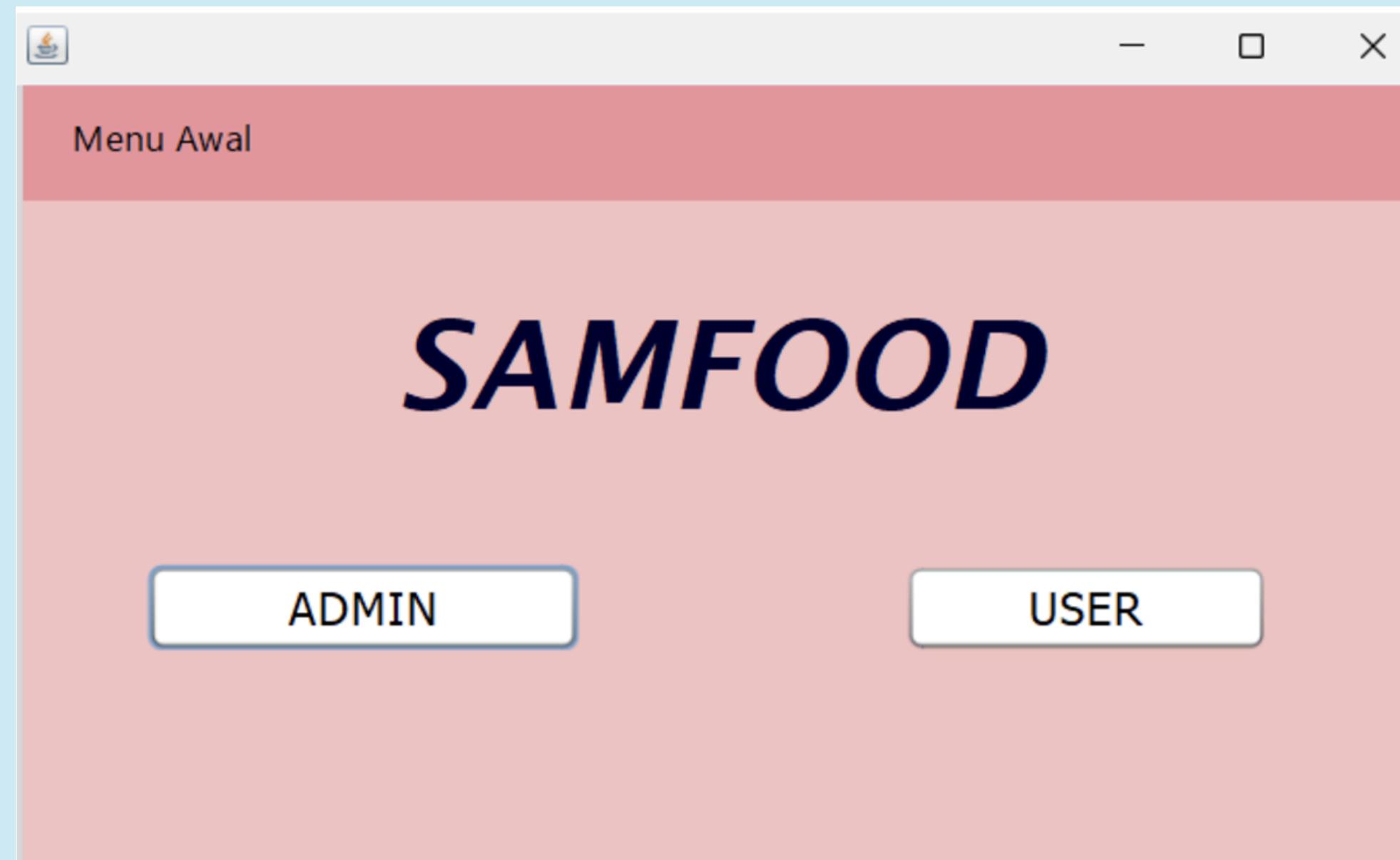
```
WITH ItemTogether AS (
    SELECT
        dp1.food_id AS selected_food_id,
        dp2.food_id AS food_id_together
    FROM
        Detail_Pesanan dp1
    JOIN Detail_Pesanan dp2 ON dp1.order_id = dp2.order_id
    WHERE
        dp1.food_id = 2222222231 AND dp1.food_id <> dp2.food_id
),
FrequencyCount AS (
    SELECT
        it.food_id_together,
        COUNT(*) AS frequency
    FROM
        ItemTogether it
    GROUP BY
        it.food_id_together
)
SELECT TOP 3
    f.food_name,
    fc.frequency
FROM
    FrequencyCount fc
JOIN Food f ON fc.food_id_together = f.food_id
ORDER BY
    fc.frequency DESC;
```

100 % ▶

Results Messages

food_name	frequency
1 Udang Keju	2
2 Mie Hompimpa	2
3 Teh	1

# MENU AWAL



# LOGIN USER



A screenshot of a Windows-style application window titled "SAMFOOD". The window has a light blue header bar with standard window controls (minimize, maximize, close). Below the title bar is a pinkish-red background area containing the application's logo and interface elements. On the left side of this area, there is a small "back" button labeled "<< back". In the center, the word "SAMFOOD" is displayed in a large, bold, black font. Below the logo, there are two input fields: one for "Username" and one for "Password", both represented by white rectangular boxes with black outlines. At the bottom center of the window is a rounded rectangular button labeled "Masuk" (Login) in black text.

<< back

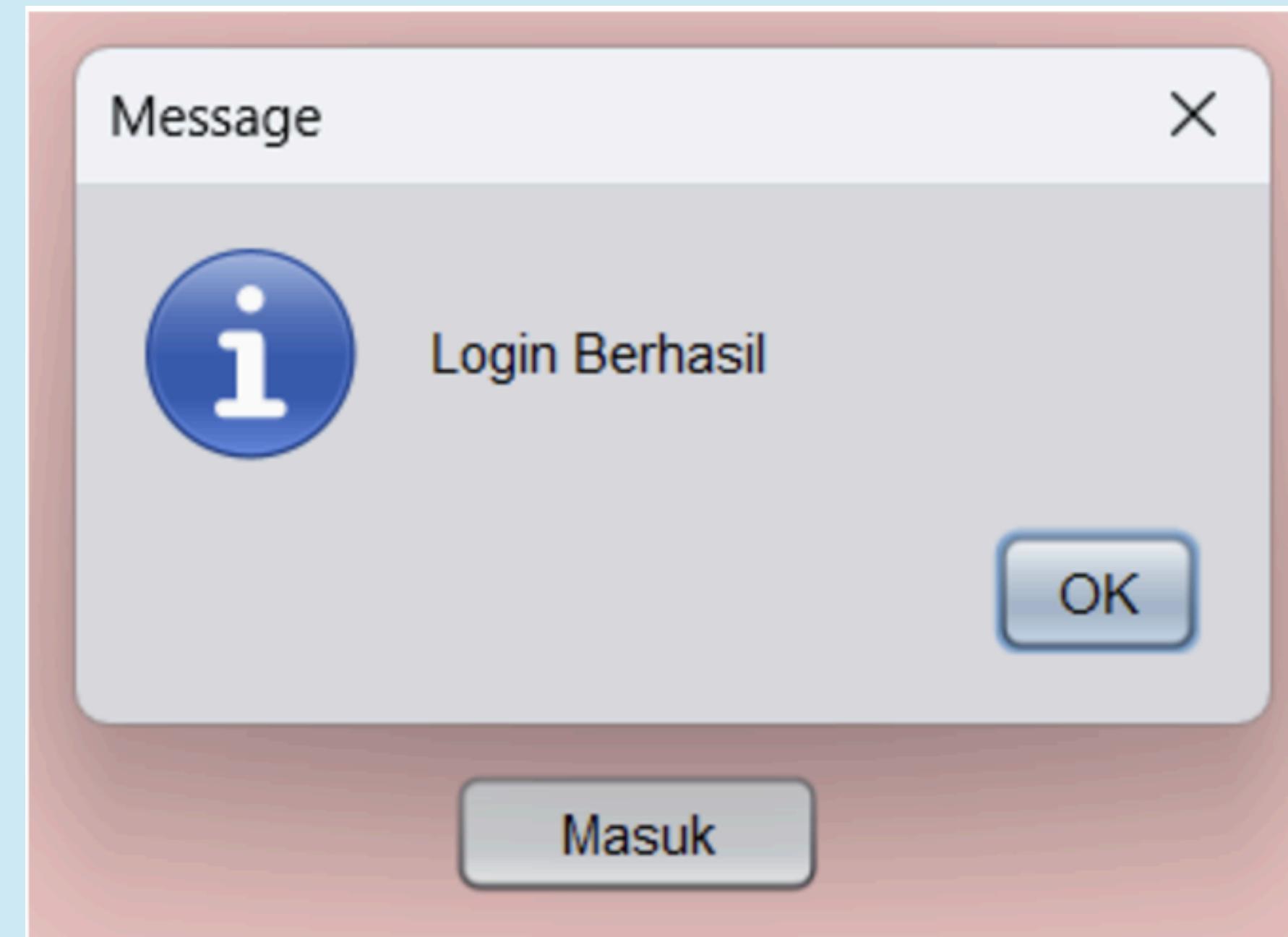
**SAMFOOD**

Username:

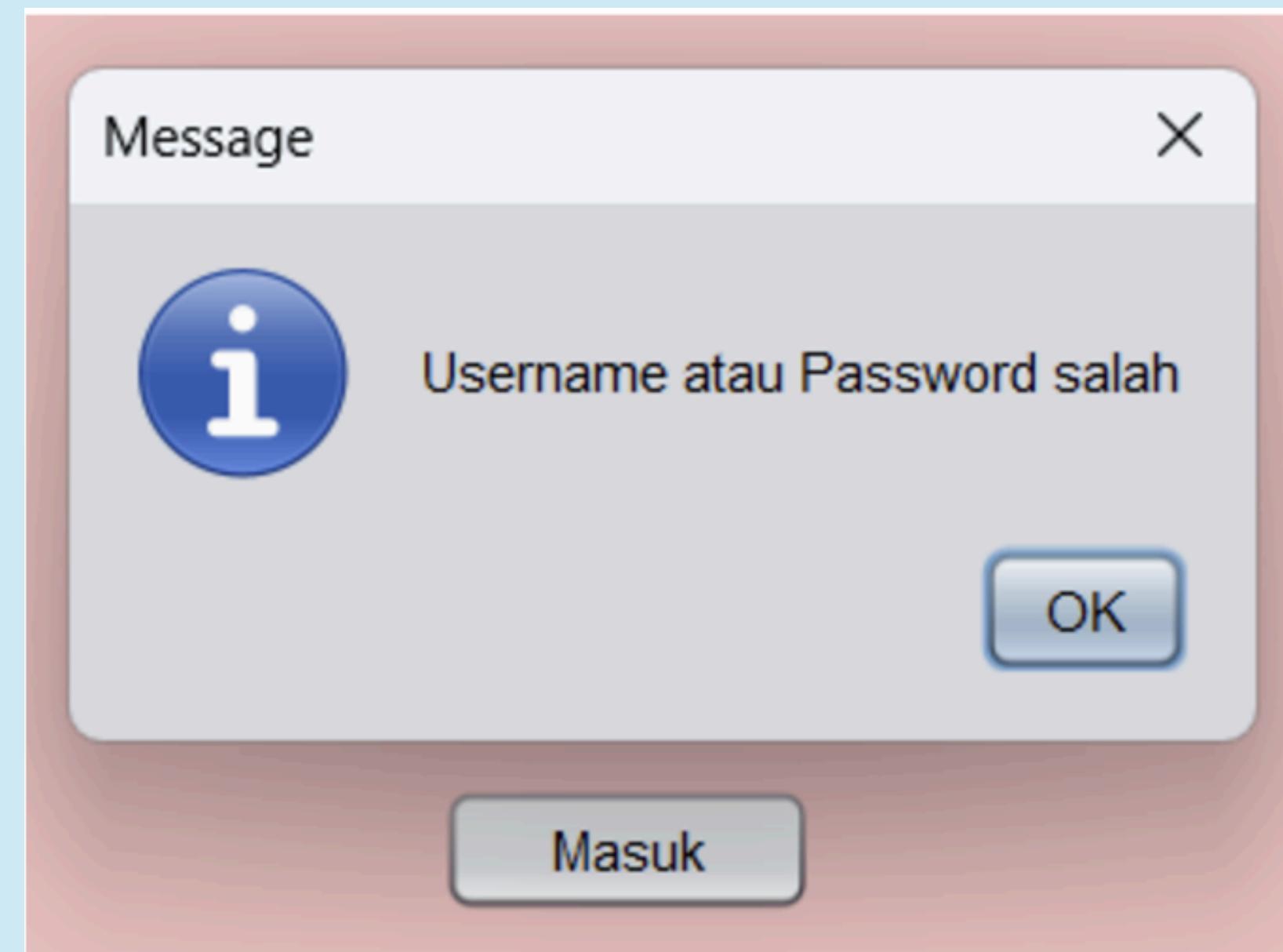
Password:

Masuk

# KONFIRMASI DATA



# PESAN SALAH



# MENU ADMIN



**DATABASE**

[Data User](#)      [Data Order](#)

[Data Pesanan](#)      [Data Food](#)

[Data Driver](#)      [Data Restaurant](#)

[Data Payment](#)      [Data Method Payment](#)

[\*\*<<back\*\*](#)

A window titled "DATABASE" with a red header bar. It contains eight buttons arranged in a 2x4 grid. The buttons are labeled: Data User, Data Order, Data Pesanan, Data Food, Data Driver, Data Restaurant, Data Payment, and Data Method Payment. At the bottom left, there is a link labeled "<<back".

# DATA USER



Search

ID User	Username	Password	Phone Number	Email
1	punyaputri	putriunyu	81111111111	punyaputri@gmail.com
2	punya farah	farahkyut	81111111112	punya farah@gmail.com
3	punya gladys	adyscomel	81111111113	punya gladys@gmail.com
4	punya ifah	afifahmanis	81111111114	punya ifah@gmail.com
5	punya aul	awulkyaa	81111111115	punya aulia@gmail.com
6	nadalima	nadaass	81111111116	nadalima@gmail.com
7	alexima	alexius	01111111117	alexima@gmail.com

<< < > >>

ID User: 1 Phone Number: 81111111111  
Username: punyaputri Email: punyaputri@gmail.com  
Password: putriunyu

New Edit Delete Save Cancel

<< back

# DATA PESANAN



A screenshot of a Windows-style application window titled "DATA PESANAN". The window contains a data grid showing Order IDs and Food IDs, with a search bar at the top right. Below the grid are four text input fields: OrderID (15001), FoodID (222222221), and two empty fields. At the bottom are buttons for New, Edit, Delete, Save, Cancel, and a link to "<< back".

Order_ID	Food_ID
15001	222222221
15002	2222222211
15003	2222222221
15004	2222222221

OrderID: 15001      FoodID: 222222221

New      Edit      Delete      Save      Cancel

<< back

# DATA DRIVER



Search

Driver ID	Driver Name	Phone Driver	License Plate
9999910	Fadhil	81199999910	B 4589 MN
9999911	Putri	81199999911	AG 2314 JH
9999912	Gladis	81199999912	DK 5469 FG
9999913	Aul	81199999913	EB 2358 TY
9999914	Ifah	81199999914	BP 2511 BM
9999915	Meta	81199999915	S 5678 IO
0000001	Albar	81100000001	W 1224 NEK

<< < > >>

ID Driver: 9999910

Driver Name: Fadhil

Phone Dri...: 81199999910

License pl...: B 4589 MN

New Edit Delete Save Cancel

<< back

# DATA PAYMENT



A screenshot of a Windows-style application window titled "DATA PAYMENT". The window contains a search bar with a "Search" button and a data grid showing 11 rows of information. Below the grid are navigation buttons and four input fields for filtering data. At the bottom are buttons for New, Edit, Delete, Save, and Cancel, along with a "back" link.

Order_Id	Payment_Id	Fee Driver	Price Order
15001	5001	20.84	460.62
15002	5002	14.57	92.3
15003	5003	37.04	304.72
15004	5004	11.01	387.53
15005	5005	19.08	30.38
15006	5006	32.45	459.03
15007	5007	47.55	138.35
15008	5008	21.27	187.24
15009	5009	27.28	220.24
15010	5010	25.35	33.27
15011	5011	36.6	196.56

Buttons: << < > >>

Input Fields:

- ID Order:
- ID Payment:
- Fee Driver:
- Price Driver:

Action Buttons: New, Edit, Delete, Save, Cancel

Link: << back

# DATA ORDER



Search

order_id	time_order	order_status	user_id	driver_id	amounts
15001	23:02	Pending	17	9999991	1
15002	16:34	Pending	2	9999992	12
15003	06:28	Pending	15	9999993	3
15004	12:41	Cancelled	12	9999991	14
15005	01:27	Done	12	9999993	14
15006	10:59	Pending	5	9999994	5
15007	15:48	Done	1	9999991	6
15008	01:32	Cancelled	14	9999994	12
15009	20:52	Pending	3	9999992	14
15010	12:55	Cancelled	8	9999994	6
15011	15:26	Cancelled	9	9999991	15
15012	14:40	Done	2	9999995	2

<< < > >>

ID Pesanan: 15001 Status: Pending

ID User: 17 Waktu Pesan: 23:02

ID Driver: 9999991 Jumlah Pesanan: 1

New Edit Delete Save Cancel

<< back

# DATA FOOD



Search

Food_Id	Price	Image	Food Name	Restaurant_Id
2222220205	7000	imgfood_05t	Lemon Tea	298954292
2222220206	21000	imgfood_06a	Mie Dok-Dok	298954293
2222220207	22000	imgfood_06u	Nasi Orak-Arik Jumbo	298954293
2222220215	8000	imgfood_05u	Green Tea	298954292
2222220216	7000	imgfood_06v	Kopi Hitam	298954293
2222220226	6000	imgfood_06w	Nutrisari Dingin	298954293
2222220236	9000	imgfood_06x	Nutrisari Susu	298954293
2222220246	7000	imgfood_06y	Jahe	298954293

<< < > >>

ID Food: 2222220205      Food Name: Lemon Tea

Price: 7000      ID Restaurant: 8888888884

Image: imgfood\_05t

New Edit Delete Save Cancel

<< back

# DATA RESTAURANT



A screenshot of a Windows-style application window titled "DATA RESTAURANT". The window contains a grid of restaurant data and several input fields for editing a specific record.

ID Restaurant	Restaurant Name	Restaurant Address
298954288	Mie Gacoan	Jl. Surabaya no. 17
298954289	Sego Cokot	Jl. Jakarta no. 4
298954290	Nasi Goreng 69	Jl. Bandung no. 11
298954291	Umayumcha	Jl. Semarang no. 23
298954292	Geprek Kak Rose	Jl. Medan no. 8
298954293	Mang Ujo	Jl. Malang no. 9

Below the table are navigation buttons: <<, <, >, and >>. To the right of the table is a "Search" button.

Form fields for editing a record:

Restaurant ID	8888888880
Restaurant Name	Mie Gacoan
Restaurant Address	Jl. Surabaya no. 17

Action buttons at the bottom:

New Edit Delete Save Cancel

<< back

# DATA METHOD PAYMENT



Search

Payment_id	Method
5001	Cash
5002	Qris
5003	Cash
5004	Cash
5005	Cash
5006	Cash
5007	Oris

<< < > >>

ID Payment

Method

New Edit Delete Save Cancel

<< back

# MENU UTAMA USER



**SELAMAT DATANG!**

[Pesan Makanan](#)

[Pengiriman](#)

[Riwayat Pembelian](#)

[\*\*<< back\*\*](#)

A screenshot of a user interface window titled "SELAMAT DATANG!". The window contains three main buttons: "Pesan Makanan", "Pengiriman", and "Riwayat Pembelian". At the bottom left, there is a link labeled "<< back". The window has a standard operating system title bar with minimize, maximize, and close buttons.

# MENU PESAN MAKANAN



Restaurant

FoodName	Price	RestaurantName	RestaurantAddress
Mie Suit	9000.0	Mie Gacoan	Jl. Surabaya no. 17
Lemon Tea	6000.0	Mie Gacoan	Jl. Surabaya no. 17
Vanila latte	8000.0	Mie Gacoan	Jl. Surabaya no. 17
Thai Tea	8000.0	Mie Gacoan	Jl. Surabaya no. 17
Green Tea	8000.0	Mie Gacoan	Jl. Surabaya no. 17
Milo	8000.0	Mie Gacoan	Jl. Surabaya no. 17
Mie Gacoan	9000.0	Mie Gacoan	Jl. Surabaya no. 17
Lumnia Urdano	9000.0	Mie Gacoan	Jl. Surabaya no. 17

FoodName

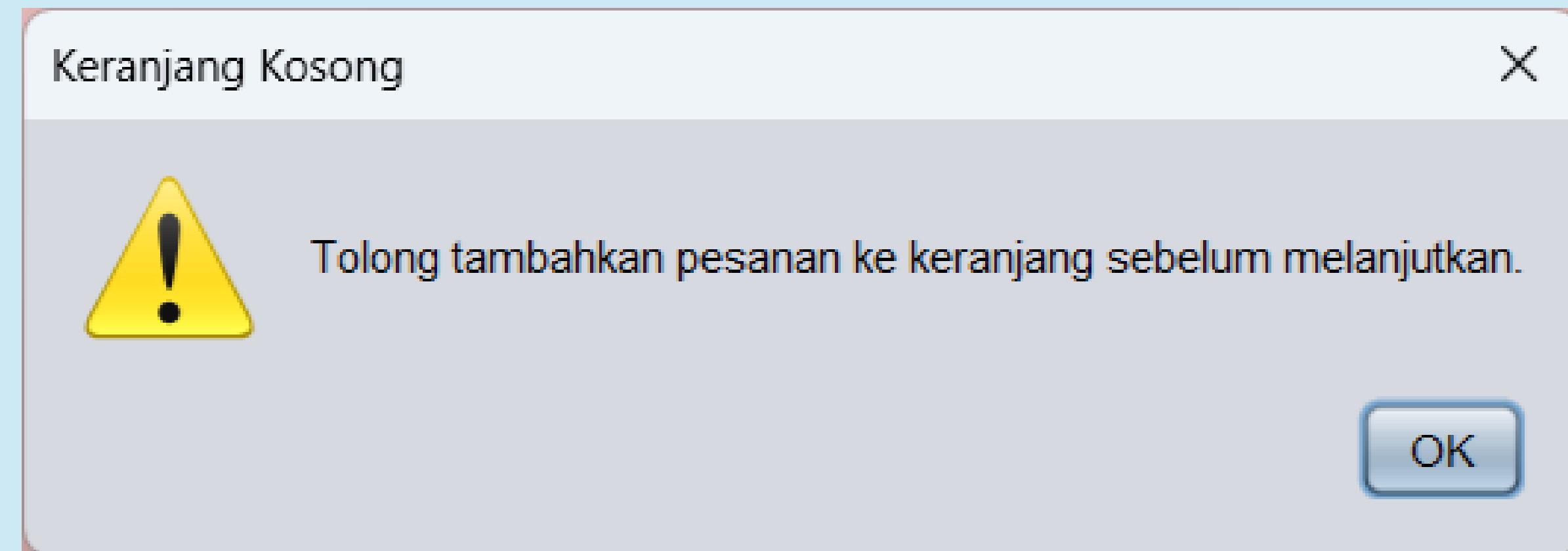
Quantity

RestaurantName

Food_name	Quantity	Price	Restuarant name

<< back

# MESSAGE PESAN MAKANAN



# PENGIRIMAN



# RIWAYAT PEMBELIAN



A screenshot of a software application window titled "RIWAYAT PEMBELIAN". The window has a light blue header bar with standard window controls (minimize, maximize, close). Below the header is a pinkish-red main area containing a table and several dropdown menus.

The table has a light gray header row with the following columns:

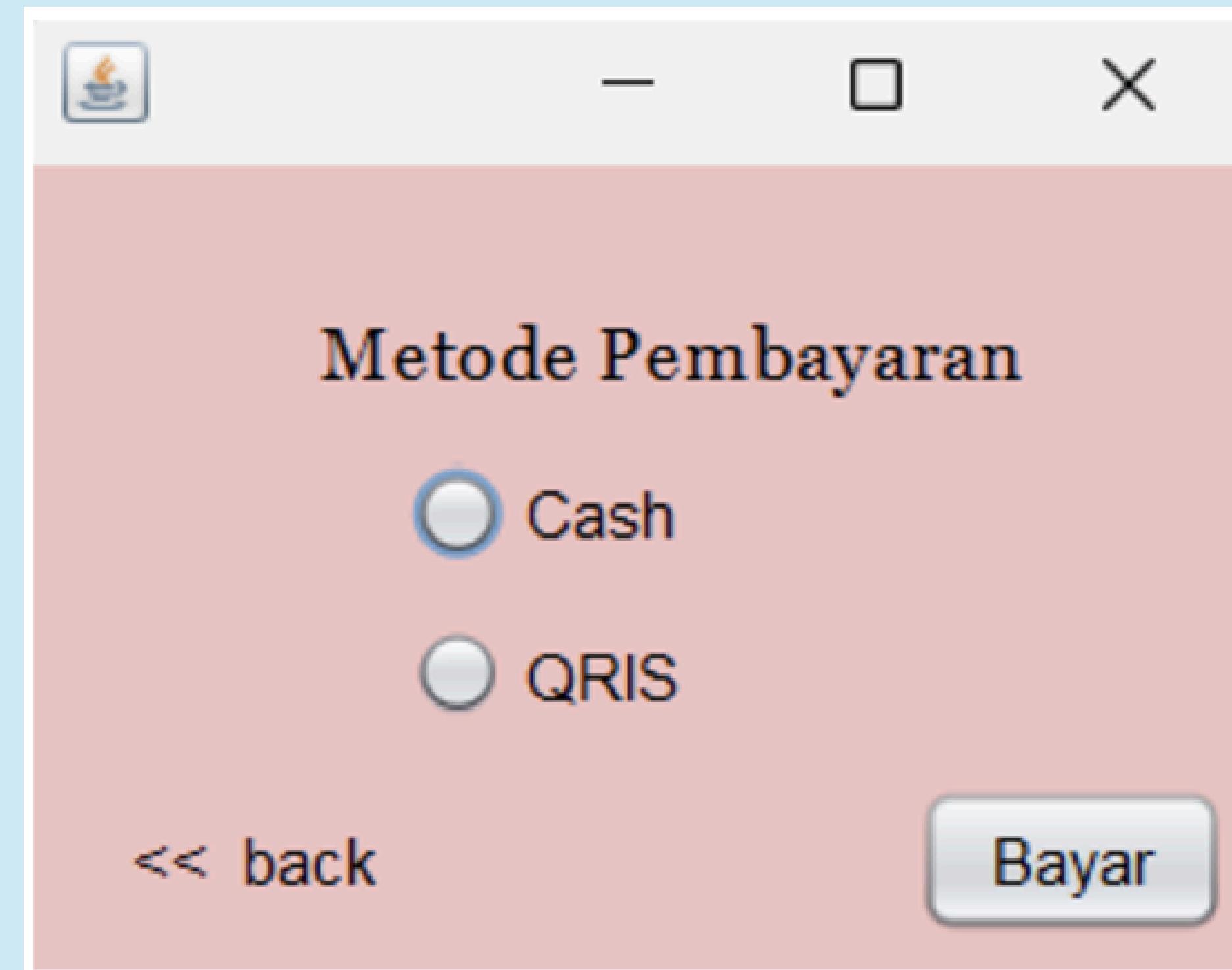
food name	restaurant	amounts	status order

Below the table are two dropdown menus:

- A dropdown menu labeled "Restaurant" with a downward arrow icon.
- A dropdown menu labeled "Status Order" with a downward arrow icon.

At the bottom left of the pink area, there is a link labeled "<< back".

# METODE PEMBAYARAN



# NOTA PEMBELIAN



SAMFOOD		
restaurant_name	Order_Status	Payment_method
Mang Up	Pending	Cash
Nasi Goreng Ayam	Pending	Cash
Good Day Cappuccino	Total_Price	
	Rp. 13.12	

# DEMO GUI



Klik Link : [Demo GUI SAMFOOD](#)

**THANK YOU**