

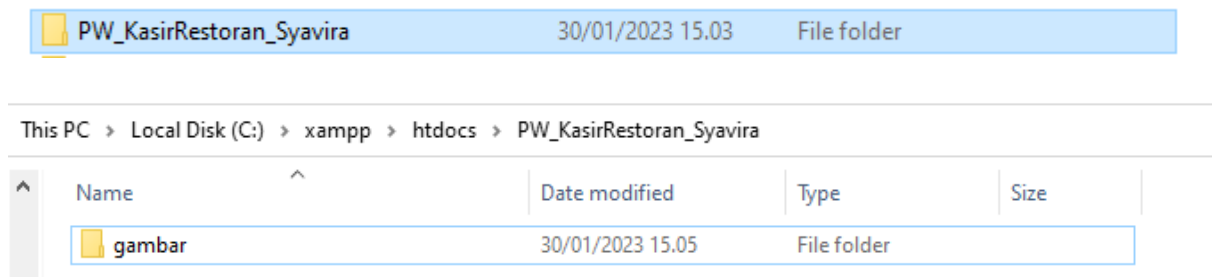
Nama : Syavira Evelin

Kelas : XII RPL 1

## PEMROGRAMAN WEB

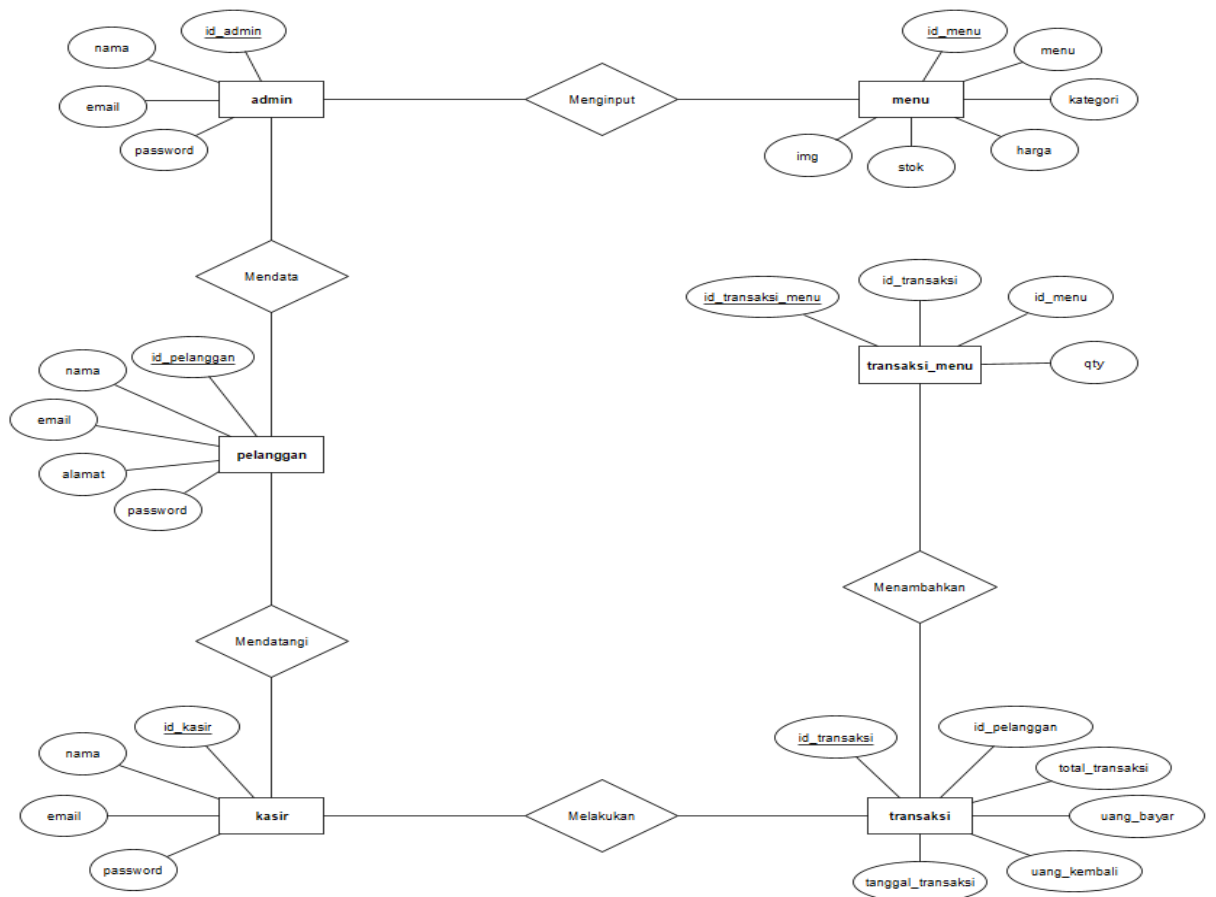
### ❖ Unit Kompetensi No. 5

1. Buatlah folder **PW\_Tema\_NamaAnda** pada htdocs, lalu pada folder tersebut tempatkan folder gambar dari data bahan yang disiapkan



### ❖ Unit Kompetensi No. 6

2. Buatlah Entity Relationship Diagram dari Sistem yang akan dikembangkan !



3. Buatlah Data Dictionary dari proyek yang akan dikembangkan !

- Tabel admin

Field	Type	Length	Index	Keterangan
id_admin	int	11	primary	id_admin
nama	varchar	100		nama
email	varchar	100		email
password	varchar	50		password

- Tabel kasir

Field	Type	Length	Index	Keterangan
id_kasir	Int	11	primary	id_admin
nama	varchar	100		nama
email	varchar	100		email
password	varchar	50		password

- Tabel log pelanggan

Field	Type	Length	Index	Keterangan
kejadian	varchar	30		kejadian
waktu	datetime			waktu

- Tabel pelanggan

Field	Type	Length	Index	Keterangan
id_pelanggan	Int	11	primary	id_admin
nama	varchar	100		nama
email	varchar	100		email
alamat	varchar	50		alamat
password	varchar	50		password

- Tabel menu

Field	Type	Length	Index	Keterangan
id_menu	Int	11	primary	id_admin
menu	varchar	100		menu
kategori	varchar	30		kategori
harga	int	20		harga
stok	int	20		stok
img	varchar	50		gambar

- Tabel transaksi

Field	Type	Length	Index	Keterangan
id_transaksi	int	11	primary	id_admin
id_pelanggan	int	11	foreign key	id_pelanggan
total_transaksi	int	15		total_transaksi
uang_bayar	int	15		uang_bayar
uang_kembali	int	15		uang_kembali
tanggal_transaksi	date			tanggal_transaksi

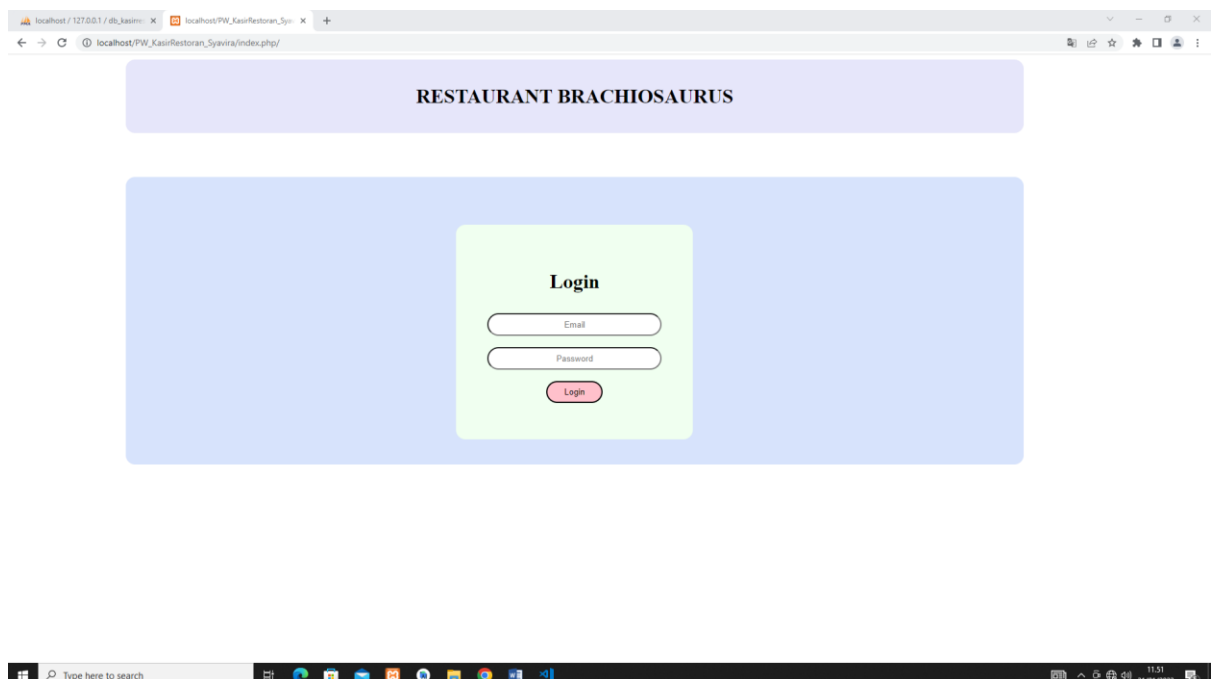
- Tabel transaksi menu

Field	Type	Length	Index	Keterangan
id_transaksi_menu	int	11	primary key	id_admin
id_transaksi	int	11	foreign key	id_transaksi
id_menu	int	11	foreign key	id_menu
qty	int	15		qty

## ❖ Unit Kompetensi No. 7

4. Buat **Layout Web** sesuai dengan **Tema (Terlampir)** :

- Login



- Dashboard Customers





localhost / 127.0.0.1 / db\_kasir... X | localhost/PW\_KasirRestoran\_Sy... X | localhost/PW\_KasirRestoran\_Sy... X

Dashboard Customers

RESTAURANT BRACHIOSAURUS

DATA MENU LOGOUT

DATA MENU

ID Menu	Menu	Category	Price	Stock	Image
1	Burger	Makanan	Rp 60.000	20	
2	Milkshake Vanilla	Minuman	Rp 30.000	15	
3	Pizza	Makanan	Rp 165.000	30	
4	Milkshake Oreo	Minuman	Rp 30.000	10	

Type here to search

12:06 31/01/2023

- Dashboard Kasir

localhost / 127.0.0.1 / db\_kasir... X | localhost/PW\_KasirRestoran\_Sy... X | localhost/PW\_KasirRestoran\_Sy... X

Dashboard Kasir

RESTAURANT BRACHIOSAURUS

HOME DATA MENU HISTORY ORDER DATA TRANSAKSI DATA CUSTOMERS LOGOUT

DATA KASIR





ID Kasir	Name	Email
1	Azella Quenilla	azellaqu@gmail.com
2	Kasir	kasir@gmail.com

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## ○ Data Menu

The screenshot shows a web browser window with the URL `localhost/PW_KasirRestoran_Syavira/kasir/index.php?halaman=menu`. The dashboard header includes 'Dashboard Kasir' and 'RESTAURANT BRACHIOSAURUS'. A navigation bar contains links: HOME, DATA MENU (active), HISTORY ORDER, DATA TRANSAKSI, DATA CUSTOMERS, and LOGOUT. The main content area is titled 'DATA MENU' and displays a table with menu items.

ID Menu	Menu	Category	Price	Stock	Image	Opsi
1	Burger	Makanan	Rp.60,000	20		<button>Order</button>
2	Milkshake Vanilla	Minuman	Rp.30,000	15		<button>Order</button>
3	Pizza	Makanan	Rp.165,000	30		<button>Order</button>
4	Milkshake Oreo	Minuman	Rp.30,000	10		<button>Order</button>

## ○ History Order

The screenshot shows the 'History Order' page in the dashboard. The navigation bar now has 'HISTORY ORDER' as the active link. The main content area is titled 'HISTORY ORDER' and displays a table of past orders.

No	Menu	Category	Price	Qty	Subprice	Opsi
1	Burger	Makanan	Rp.60,000	2	Rp.120,000	<button>Delete</button>
2	Milkshake Vanilla	Minuman	Rp.30,000	1	Rp.30,000	<button>Delete</button>
3	Milkshake Oreo	Minuman	Rp.30,000	1	Rp.30,000	<button>Delete</button>

At the bottom of the page, there are two buttons: 'Add Order' and 'Transaksi'.

## ○ Transaksi

The screenshot shows a web application interface for a restaurant's cashier dashboard. The header includes the title "Dashboard Kasir" and "RESTAURANT BRACHIOSAURUS". A navigation bar contains links: HOME, DATA MENU, HISTORY ORDER, TRANSAKSI (active), DATA CUSTOMERS, and LOGOUT. The main section, titled "Data Transaksi", displays a table of transactions. Below the table, there are input fields for the customer name (Zayden Arseniko) and the total amount (200000), along with a "Transaksi" button.

No	Menu	Category	Price	Qty	Subprice
1	Burger	Makanan	Rp.60,000	2	Rp.120,000
2	Milkshake Vanilla	Minuman	Rp.30,000	1	Rp.30,000
3	Milkshake Oreo	Minuman	Rp.30,000	1	Rp.30,000
Total Transaksi					Rp.180,000

Customer: Zayden Arseniko | Total: 200000 | Button: Transaksi

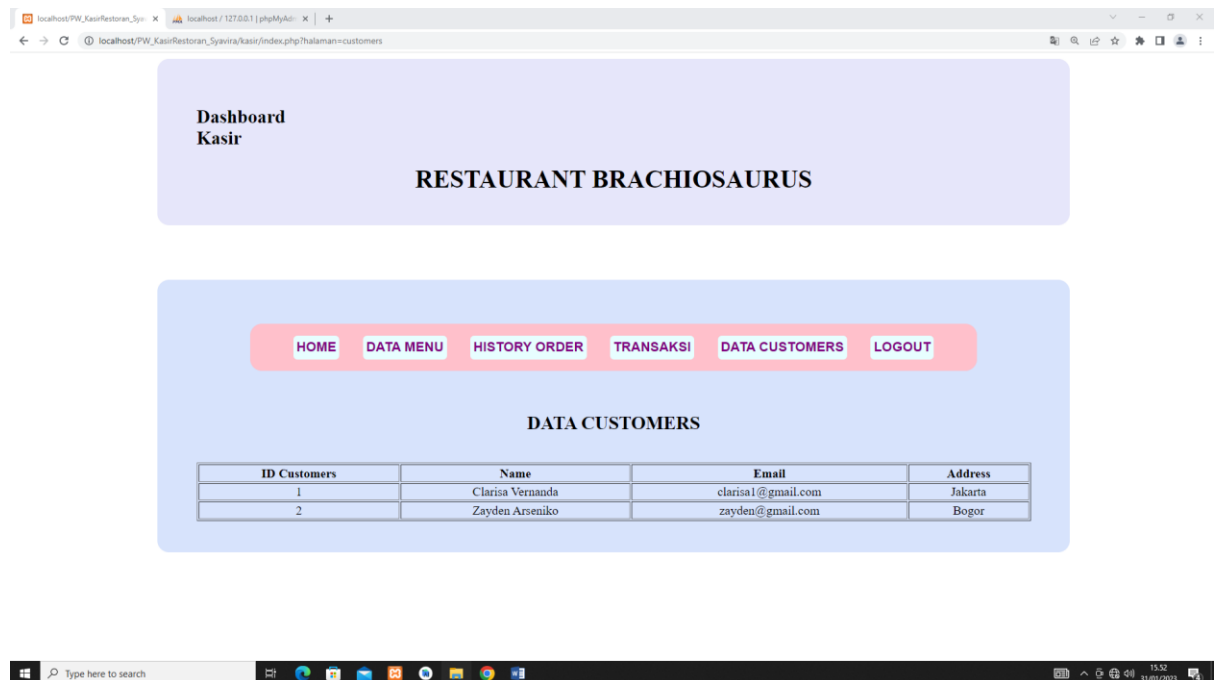
## ○ Nota transaksi

The screenshot shows the "Nota Transaksi" (Receipt) page. On the left, there is a summary of the transaction: Name Customers: Zayden Arseniko, Email: zayden@gmail.com, Date: 2023-02-01, and ID Transaksi: 2. The main area displays a receipt template for "RESTAURANT BRACHIOSAURUS" with the same transaction details and a table of items. On the right, there are settings for printing, including "Cetak" (Print), "1 lembar kertas" (1 sheet of paper), "Microsoft Print to PDF" as the printer, "Semua" (All) pages, "Potret" (Portrait) orientation, and "Warna" (Color) as the print mode. A "Cetak" button is at the bottom right.

No	Menu	Category	Price	Qty	Subprice
1	Burger	Makanan	Rp.60,000	2	Rp.120,000
2	Milkshake Vanilla	Minuman	Rp.30,000	1	Rp.30,000
3	Milkshake Oreo	Minuman	Rp.30,000	1	Rp.30,000
Total Transaksi					Rp.180,000
Uang Bayar					Rp.200,000
Uang Kembali					Rp.20,000

Print Settings: Cetak, 1 lembar kertas, Microsoft Print to PDF, Semua, Potret, Warna, Cetak button.

- Data Customers







- Dashboard Admin



## ○ Data Menu

The screenshot shows the 'Data Menu' page of the 'RESTAURANT BRACHIOSAURUS' admin dashboard. The page has a light blue background. At the top, there's a header with 'Dashboard Admin' on the left and the restaurant name in the center. Below the header is a navigation bar with buttons: HOME, DATA MENU (active), DATA TRANSAKSI, DATA CUSTOMERS, and LOGOUT. The main content area is titled 'DATA MENU' and features a green 'Add Menu' button. Below the button is a table with 7 columns: ID Menu, Menu, Category, Price, Stock, Image, and Opsi. The table contains 4 rows of menu items. Each row has 'Update' and 'Delete' buttons in the 'Opsi' column.

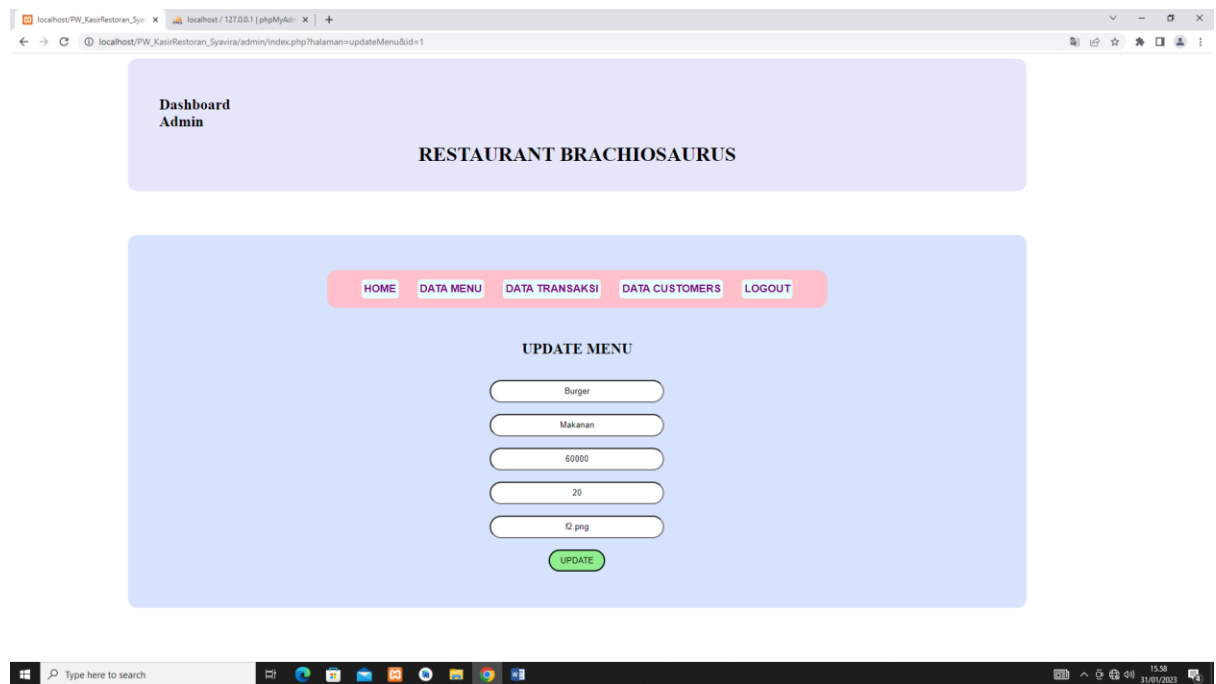
ID Menu	Menu	Category	Price	Stock	Image	Opsi
1	Burger	Makanan	Rp.60,000	20		<button>Update</button> <button>Delete</button>
2	Milksake Vanilla	Minuman	Rp.30,000	15		<button>Update</button> <button>Delete</button>
3	Pizza	Makanan	Rp.165,000	30		<button>Update</button> <button>Delete</button>
4	Milksake Oreo	Minuman	Rp.30,000	10		<button>Update</button> <button>Delete</button>

## ○ Add Menu

The screenshot shows the 'Add Menu' page of the 'RESTAURANT BRACHIOSAURUS' admin dashboard. The page has a light blue background. At the top, there's a header with 'Dashboard Admin' on the left and the restaurant name in the center. Below the header is a navigation bar with buttons: HOME, DATA MENU (active), DATA TRANSAKSI, DATA CUSTOMERS, and LOGOUT. The main content area is titled 'ADD MENU' and features a form with five input fields: Menu, Category, Price, Stock, and Image. Below the input fields is a green 'ADD' button.



## ○ Update Menu



## ○ Data Transaksi



○ Detail Transaksi

localhost / 127.0.0.1 / db\_kasim- X

localhost/PW\_KasirRestoran\_Syavira X

+

localhost/PW\_KasirRestoran\_Syavira/admin/index.php?halaman=detailTransaksi&id=1

Dashboard Admin

RESTAURANT BRACHIOSAURUS

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS LOGOUT

DETAIL TRANSAKSI

ID Transaksi Menu	Menu	Category	Price	Qty	Sub Price
1	Burger	Makanan	Rp.60,000	1	Rp.60,000
2	Milksake Vanilla	Minuman	Rp.30,000	2	Rp.60,000
Total Transaksi					Rp. 120,000
Payment					Rp. 150,000
Change					Rp. 30,000
Name Customers		ID Transaksi	Tanggal		
Clarisa Vernanda		1	2023-02-01		

Type here to search

08:28

01/02/2023

○ Nota

localhost / 127.0.0.1 / db\_kasim- X

Nota X

+

localhost/PW\_KasirRestoran\_Syavira/admin/nota.php?id=1

Name Customers : Clarisa Vernanda  
Email : clarisa1@gmail.com  
Date : 2023-02-01  
ID Transaksi : 1

No	Menu	Category	Price
1	Burger	Makanan	Rp.60,000
2	Milksake Vanilla	Minuman	Rp.30,000
Total Transaksi			
Uang Bayar			
Uang Kembali			

01/02/2023 08:28

Nota

1 lembar kertas

11

RESTAURANT BRACHIOSAURUS

Name Customers : Clarisa Vernanda  
Email : clarisa1@gmail.com  
Date : 2023-02-01  
ID Transaksi : 1

No	Menu	Category	Price	Qty	Subprice
1	Burger	Makanan	Rp.60,000	1	60000
2	Milksake Vanilla	Minuman	Rp.30,000	2	60000
Total Transaksi					Rp. 120,000
Uang Bayar					Rp. 150,000
Uang Kembali					Rp. 30,000

Cetak

1 lembar kertas

Tujuan Microsoft Print to PDF

Halaman Semua

Tata letak Potret

Warna Warna

Setelan lain

Cetak Batal

Type here to search

08:28

01/02/2023

## ○ Data Customers

The screenshot shows the 'Data Customers' page in the Restaurant Brachiosaurus admin dashboard. The page has a light purple header with 'Dashboard Admin' and 'RESTAURANT BRACHIOSAURUS'. Below the header is a navigation bar with buttons: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS (active), and LOGOUT. The main content area is titled 'DATA CUSTOMERS' and features a green 'Add Customers' button. Below this is a table with columns: ID Customers, Name, Email, Address, Password, and Opsi. The table contains two rows of customer data. The Opsi column has 'Update' and 'Delete' buttons for each row.

ID Customers	Name	Email	Address	Password	Opsi
1	Clarisa Vernada	clarisa1@gmail.com	Jakarta	12345	<button>Update</button> <button>Delete</button>
2	Zayden Arsenako	zayden@gmail.com	Bogor	12345	<button>Update</button> <button>Delete</button>

## ○ Add Customers

The screenshot shows the 'Add Customers' page in the Restaurant Brachiosaurus admin dashboard. The page has a light purple header with 'Dashboard Admin' and 'RESTAURANT BRACHIOSAURUS'. Below the header is a navigation bar with buttons: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS (active), and LOGOUT. The main content area is titled 'ADD CUSTOMERS' and features four input fields: Name Customers, Email, Address, and Password. Below these fields is a green 'ADD' button.

## ○ Update Customers

The screenshot shows the 'Update Customers' page in the Restaurant Brachiosaurus admin dashboard. The page has a light blue background and a purple header bar with the text 'Dashboard Admin' and 'RESTAURANT BRACHIOSAURUS'. A navigation bar at the top contains links: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS, and LOGOUT. The main content area is titled 'UPDATE CUSTOMERS' and contains four input fields for customer information: 'Clarisa Vemanda', 'clarisa1@gmail.com', 'Jakarta', and '12345'. Below these fields is a green 'UPDATE' button.

Dashboard Admin

RESTAURANT BRACHIOSAURUS

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS LOGOUT

UPDATE CUSTOMERS

Clarisa Vemanda

clarisa1@gmail.com

Jakarta

12345

UPDATE

## ○ Data Kasir

The screenshot shows the 'Data Kasir' page in the Restaurant Brachiosaurus admin dashboard. The page has a light blue background and a purple header bar with the text 'Dashboard Admin' and 'RESTAURANT BRACHIOSAURUS'. A navigation bar at the top contains links: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS, DATA KASIR, and LOGOUT. The main content area is titled 'DATA KASIR' and contains a green 'Add Kasir' button. Below the button is a table with 5 columns: ID Kasir, Name, Email, Password, and Opsi. The table contains 2 rows of data. The 'Opsi' column contains 'Update' and 'Delete' buttons for each row.

Dashboard Admin

RESTAURANT BRACHIOSAURUS

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS DATA KASIR LOGOUT

DATA KASIR

Add Kasir

ID Kasir	Name	Email	Password	Opsi
1	Azella Quezalla	azellaqu@gmail.com	1234	<button>Update</button> <button>Delete</button>
2	Kasir	kasir@gmail.com	1234	<button>Update</button> <button>Delete</button>

## ○ Create Kasir

The screenshot shows a web browser window with the URL `localhost/PW_KasirRestoran_Syavira/admin/index.php?halaman=createKasir`. The page has a purple header with 'Dashboard Admin' and 'RESTAURANT BRACHIOSAURUS'. Below the header is a navigation bar with links: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS, DATA KASIR, and LOGOUT. The main content area is titled 'ADD KASIR' and contains three input fields: 'Name Kasir', 'Email', and 'Password'. A green 'ADD' button is at the bottom of the form.

Dashboard Admin

RESTAURANT BRACHIOSAURUS

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS DATA KASIR LOGOUT

ADD KASIR

Name Kasir

Email

Password

ADD

## ○ Update Kasir

The screenshot shows a web browser window with the URL `localhost/PW_KasirRestoran_Syavira/admin/index.php?halaman=updateKasir&id=1`. The page has a purple header with 'Dashboard Admin' and 'RESTAURANT BRACHIOSAURUS'. Below the header is a navigation bar with links: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS, DATA KASIR, and LOGOUT. The main content area is titled 'UPDATE KASIR' and contains three input fields: 'Azella Quenilla', 'azellaqu@gmail.com', and '1234'. A green 'UPDATE' button is at the bottom of the form.

Dashboard Admin

RESTAURANT BRACHIOSAURUS

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS DATA KASIR LOGOUT

UPDATE KASIR

Azella Quenilla

azellaqu@gmail.com

1234

UPDATE

## ❖ Unit Kompetensi No. 8

5. Buatlah basis data dengan nama **db\_tema\_namaanda** !



6. Buatlah semua tabel yang dibutuhkan sesuai rancangan !

- Tabel admin

#	Nama	Jenis	Penyortiran	Atribut	Tak Ternilai	Bawaan	Komentar	Ekstra	Tindakan
<input type="checkbox"/> 1	<b>id_admin</b> 🔑	int(11)			Tidak	Tidak ada		AUTO_INCREMENT	✎ Ubah 🚫 Hapus ▼ Lainnya
<input type="checkbox"/> 2	<b>nama</b>	varchar(100)	utf8mb4_general_ci		Tidak	Tidak ada			✎ Ubah 🚫 Hapus ▼ Lainnya
<input type="checkbox"/> 3	<b>email</b>	varchar(100)	utf8mb4_general_ci		Tidak	Tidak ada			✎ Ubah 🚫 Hapus ▼ Lainnya
<input type="checkbox"/> 4	<b>password</b>	varchar(50)	utf8mb4_general_ci		Tidak	Tidak ada			✎ Ubah 🚫 Hapus ▼ Lainnya

- Tabel kasir

#	Nama	Jenis	Penyortiran	Atribut	Tak Ternilai	Bawaan	Komentar	Ekstra	Tindakan
<input type="checkbox"/> 1	<b>id_kasir</b> 🔑	int(11)			Tidak	Tidak ada		AUTO_INCREMENT	✎ Ubah 🚫 Hapus ▼ Lainnya
<input type="checkbox"/> 2	<b>nama</b>	varchar(100)	utf8mb4_general_ci		Tidak	Tidak ada			✎ Ubah 🚫 Hapus ▼ Lainnya
<input type="checkbox"/> 3	<b>email</b>	varchar(100)	utf8mb4_general_ci		Tidak	Tidak ada			✎ Ubah 🚫 Hapus ▼ Lainnya
<input type="checkbox"/> 4	<b>password</b>	varchar(50)	utf8mb4_general_ci		Tidak	Tidak ada			✎ Ubah 🚫 Hapus ▼ Lainnya

- Tabel menu

#	Nama	Jenis	Penyortiran	Atribut	Tak Ternilai	Bawaan	Komentar	Ekstra	Tindakan
<input type="checkbox"/> 1	<b>id_menu</b> 🔑	int(11)			Tidak	Tidak ada		AUTO_INCREMENT	✎ Ubah 🚫 Hapus ▼ Lainnya
<input type="checkbox"/> 2	<b>menu</b>	varchar(100)	utf8mb4_general_ci		Tidak	Tidak ada			✎ Ubah 🚫 Hapus ▼ Lainnya
<input type="checkbox"/> 3	<b>kategori</b>	varchar(30)	utf8mb4_general_ci		Tidak	Tidak ada			✎ Ubah 🚫 Hapus ▼ Lainnya
<input type="checkbox"/> 4	<b>harga</b>	int(20)			Tidak	Tidak ada			✎ Ubah 🚫 Hapus ▼ Lainnya
<input type="checkbox"/> 5	<b>stok</b>	int(20)			Tidak	Tidak ada			✎ Ubah 🚫 Hapus ▼ Lainnya
<input type="checkbox"/> 6	<b>img</b>	varchar(50)	utf8mb4_general_ci		Tidak	Tidak ada			✎ Ubah 🚫 Hapus ▼ Lainnya

- Tabel log pelanggan

#	Nama	Jenis	Penyortiran	Atribut	Tak Ternilai	Bawaan	Komentar	Ekstra	Tindakan
<input type="checkbox"/> 1	<b>kejadian</b>	varchar(30)	utf8mb4_general_ci		Tidak	Tidak ada			✎ Ubah 🚫 Hapus ▼ Lainnya
<input type="checkbox"/> 2	<b>waktu</b>	datetime			Tidak	Tidak ada			✎ Ubah 🚫 Hapus ▼ Lainnya

- Tabel pelanggan

#	Nama	Jenis	Penyortiran	Atribut	Tak Ternilai	Bawaan	Komentar	Ekstra	Tindakan
<input type="checkbox"/> 1	id_pelanggan	int(11)			Tidak	Tidak ada		AUTO_INCREMENT	Ubah Hapus Lainnya
<input type="checkbox"/> 2	nama	varchar(100)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
<input type="checkbox"/> 3	email	varchar(100)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
<input type="checkbox"/> 4	alamat	varchar(50)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
<input type="checkbox"/> 5	password	varchar(50)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya

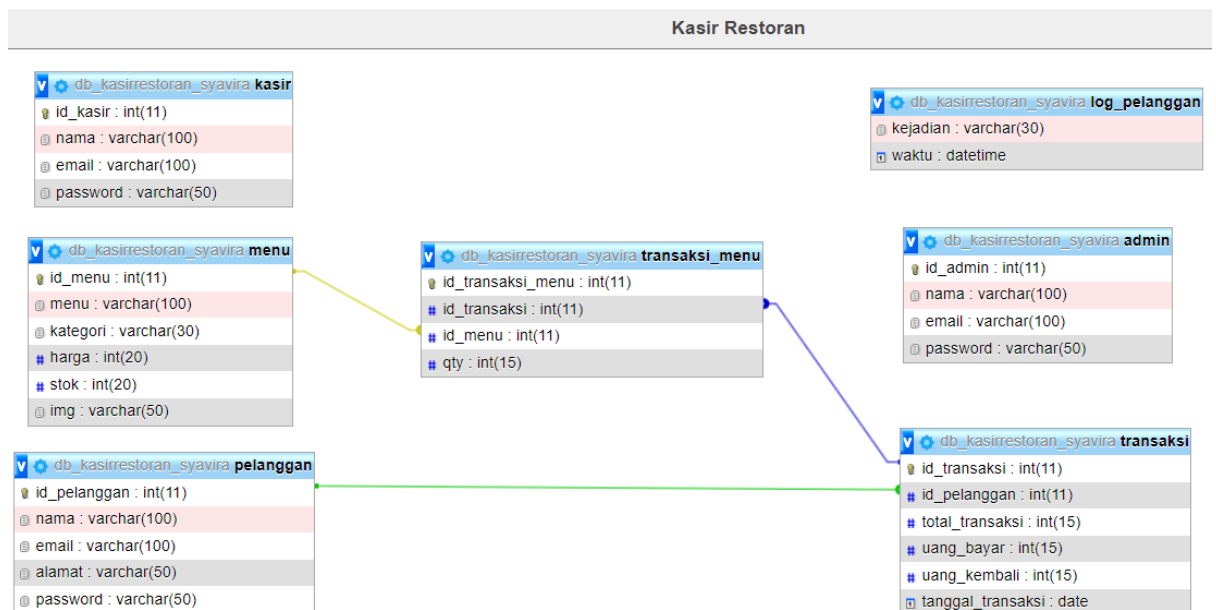
- Tabel transaksi

#	Nama	Jenis	Penyortiran	Atribut	Tak Ternilai	Bawaan	Komentar	Ekstra	Tindakan
<input type="checkbox"/> 1	id_transaksi	int(11)			Tidak	Tidak ada		AUTO_INCREMENT	Ubah Hapus Lainnya
<input type="checkbox"/> 2	id_pelanggan	int(11)			Tidak	Tidak ada			Ubah Hapus Lainnya
<input type="checkbox"/> 3	total_transaksi	int(15)			Tidak	Tidak ada			Ubah Hapus Lainnya
<input type="checkbox"/> 4	uang_bayar	int(15)			Tidak	Tidak ada			Ubah Hapus Lainnya
<input type="checkbox"/> 5	uang_kembali	int(15)			Tidak	Tidak ada			Ubah Hapus Lainnya
<input type="checkbox"/> 6	tanggal_transaksi	date			Tidak	Tidak ada			Ubah Hapus Lainnya

- Tabel transaksi menu

#	Nama	Jenis	Penyortiran	Atribut	Tak Ternilai	Bawaan	Komentar	Ekstra	Tindakan
<input type="checkbox"/> 1	id_transaksi_menu	int(11)			Tidak	Tidak ada		AUTO_INCREMENT	Ubah Hapus Lainnya
<input type="checkbox"/> 2	id_transaksi	int(11)			Tidak	Tidak ada			Ubah Hapus Lainnya
<input type="checkbox"/> 3	id_menu	int(11)			Tidak	Tidak ada			Ubah Hapus Lainnya
<input type="checkbox"/> 4	qty	int(15)			Tidak	Tidak ada			Ubah Hapus Lainnya

## 7. Buatlah relasi antar tabel sesuai rancangan basis data !



8. Lakukan penambahan data pada semua tabel minimal 3 data tiap tabel !

- Tabel admin

			<b>id_admin</b>	<b>nama</b>	<b>email</b>	<b>password</b>
<input type="checkbox"/>	 Ubah	 Salin	 Hapus	1	Davin Narendra	davin1@gmail.com 123
<input type="checkbox"/>	 Ubah	 Salin	 Hapus	2	Admin	admin@gmail.com 123
<input type="checkbox"/>	 Ubah	 Salin	 Hapus	3	Keysya Afiatra	keysya@gmail.com 123

- Tabel kasir

				<b>id_kasir</b>	<b>nama</b>	<b>email</b>	<b>password</b>
<input type="checkbox"/>	 Ubah	 Salin	 Hapus	1	Azella Quenilla	azellaqu@gmail.com	1234
<input type="checkbox"/>	 Ubah	 Salin	 Hapus	2	Kasir	kasir@gmail.com	1234
<input type="checkbox"/>	 Ubah	 Salin	 Hapus	3	Genta Arafka	genta@gmail.com	1234

- Tabel menu

					<b>id_menu</b>	<b>menu</b>	<b>kategori</b>	<b>harga</b>	<b>stok</b>	<b>img</b>
<input type="checkbox"/>	 Ubah	 Salin	 Hapus		1	Burger	Makanan	60000	20	f2.png
<input type="checkbox"/>	 Ubah	 Salin	 Hapus		2	Milkshake Vanila	Minuman	30000	15	f21.png
<input type="checkbox"/>	 Ubah	 Salin	 Hapus		3	Pizza	Makanan	165000	30	f6.png
<input type="checkbox"/>	 Ubah	 Salin	 Hapus		4	Milkshake Oreo	Minuman	30000	10	f22.png

- Tabel pelanggan

					<b>id_pelanggan</b>	<b>nama</b>	<b>email</b>	<b>alamat</b>	<b>password</b>
<input type="checkbox"/>	 Ubah	 Salin	 Hapus		1	Clarisa Vernanda	clarisa1@gmail.com	Jakarta	1234
<input type="checkbox"/>	 Ubah	 Salin	 Hapus		2	Zayden Arseniko	zayden@gmail.com	Bogor	12345
<input type="checkbox"/>	 Ubah	 Salin	 Hapus		3	Lenna Fitriani	lena@gmail.com	Depok	12345

- Tabel log pelanggan

<b>kejadian</b>	<b>waktu</b>
Insert Data	2023-02-01 10:41:34
Update Data	2023-02-01 10:48:51
Delete Data	2023-02-01 10:51:05



- Tabel transaksi

				id_transaksi	id_pelanggan	total_transaksi	uang_bayar	uang_kembali	tanggal_transaksi
<input type="checkbox"/>				1	1	120000	150000	30000	2023-02-01
<input type="checkbox"/>				2	2	180000	200000	20000	2023-02-01
<input type="checkbox"/>				3	4	255000	260000	5000	2023-02-01

- Tabel transaksi menu

				id_transaksi_menu	id_transaksi	id_menu	qty
<input type="checkbox"/>				1	1	1	1
<input type="checkbox"/>				2	1	2	2
<input type="checkbox"/>				3	2	1	2
<input type="checkbox"/>				4	2	2	1
<input type="checkbox"/>				5	2	4	1
<input type="checkbox"/>				6	3	3	1
<input type="checkbox"/>				7	3	2	2
<input type="checkbox"/>				8	3	4	1

## ❖ Unit Kompetensi No. 9

9. Lakukan instalasi software DMS pada PC yang tersedia!

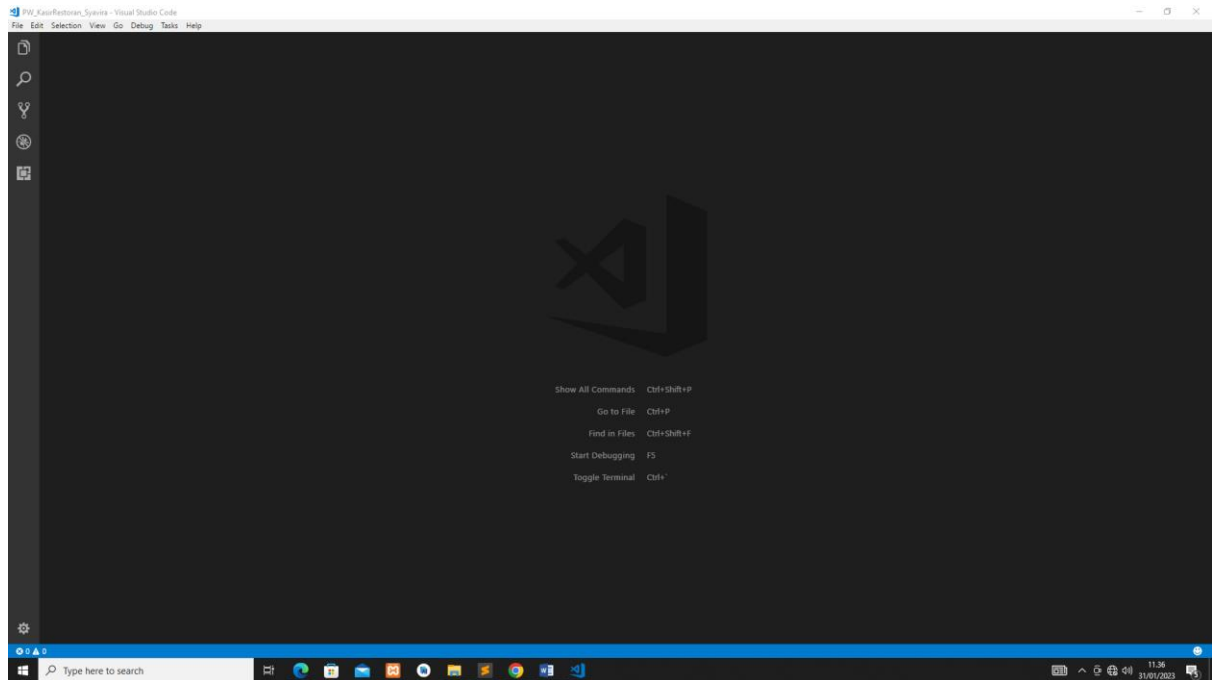
XAMPP Control Panel v3.2.4 [ Compiled: Jun 5th 2019 ]

**XAMPP Control Panel v3.2.4**

Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache	3680	80, 443	Stop Admin Config Logs
<input type="checkbox"/>	MySQL	3952	3306	Stop Admin Config Logs
<input type="checkbox"/>	FileZilla			Start Admin Config Logs
<input type="checkbox"/>	Mercury			Start Admin Config Logs
<input type="checkbox"/>	Tomcat			Start Admin Config Logs

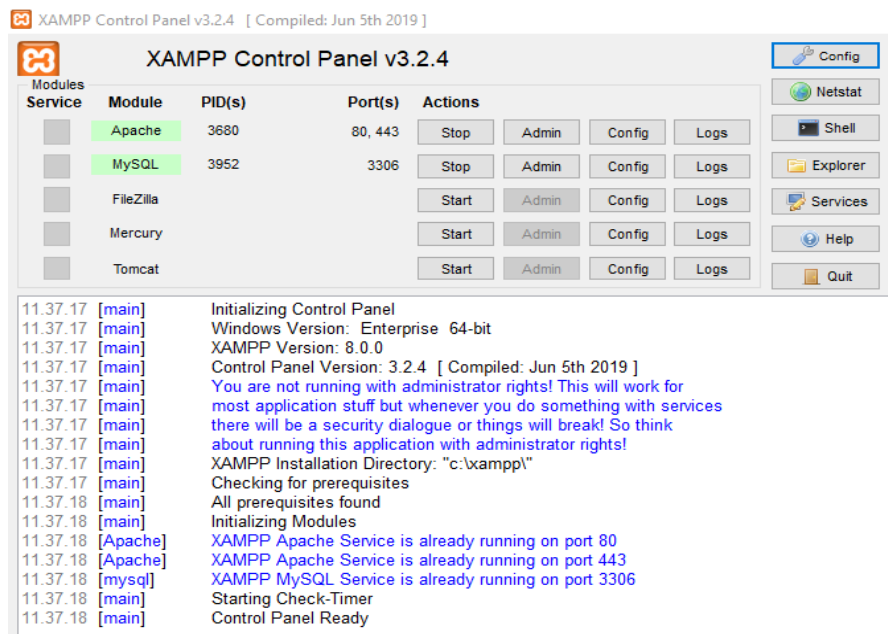
11.37.17 [main] Initializing Control Panel  
 11.37.17 [main] Windows Version: Enterprise 64-bit  
 11.37.17 [main] XAMPP Version: 8.0.0  
 11.37.17 [main] Control Panel Version: 3.2.4 [ Compiled: Jun 5th 2019 ]  
 11.37.17 [main] You are not running with administrator rights! This will work for  
 11.37.17 [main] most application stuff but whenever you do something with services  
 11.37.17 [main] there will be a security dialogue or things will break! So think  
 11.37.17 [main] about running this application with administrator rights!  
 11.37.17 [main] XAMPP Installation Directory: "c:\xampp\  
 11.37.17 [main] Checking for prerequisites  
 11.37.18 [main] All prerequisites found  
 11.37.18 [main] Initializing Modules  
 11.37.18 [Apache] XAMPP Apache Service is already running on port 80  
 11.37.18 [Apache] XAMPP Apache Service is already running on port 443  
 11.37.18 [mysql] XAMPP MySQL Service is already running on port 3306  
 11.37.18 [main] Starting Check-Timer  
 11.37.18 [main] Control Panel Ready

10. Lakukan instalasi software Tool Pemrograman pada PC yang tersedia!



## ❖ Unit Kompetensi No. 10

11. Lakukan konfigurasi software DBMS pada PC yang tersedia !





- 
- localhost / 127.0.0.1 / db\_kasir... X localhost/PW\_KasirRestoran\_Syavira/index.php/ X
- ## RESTAURANT BRACHIOSAURUS
- ### Login
- Email
- Password
- Login
- Type here to search
- 11:51 11/01/2023





- Dashboard Customers

Dashboard Customers

RESTAURANT BRACHIOSAURUS

DATA MENU LOGOUT

DATA MENU

ID Menu	Menu	Category	Price	Stock	Image
1	Burger	Makanan	Rp 60,000	20	
2	Milkshake Vanilla	Minuman	Rp 30,000	15	
3	Pizza	Makanan	Rp 165,000	30	
4	Milkshake Oreo	Minuman	Rp 30,000	10	

- Dashboard Kasir

Dashboard Kasir

RESTAURANT BRACHIOSAURUS





HOME DATA MENU HISTORY ORDER DATA TRANSAKSI DATA CUSTOMERS LOGOUT

DATA KASIR

ID Kasir	Name	Email
1	Azella Quenilla	azellaqu@gmail.com
2	Kasir	kasir@gmail.com

## ○ Data Menu

The screenshot shows a web browser window with the URL `localhost/PW_KasirRestoran_Syavira/kasir/index.php?halaman=menu`. The dashboard header includes the text "Dashboard Kasir" and "RESTAURANT BRACHIOSAURUS". A navigation bar contains links: HOME, DATA MENU (active), HISTORY ORDER, DATA TRANSAKSI, DATA CUSTOMERS, and LOGOUT. The main content area is titled "DATA MENU" and displays a table with menu items.

ID Menu	Menu	Category	Price	Stock	Image	Opsi
1	Burger	Makanan	Rp.60,000	20		<button>Order</button>
2	Milkshake Vanila	Minuman	Rp.30,000	15		<button>Order</button>
3	Pizza	Makanan	Rp.165,000	30		<button>Order</button>
4	Milkshake Oreo	Minuman	Rp.30,000	10		<button>Order</button>

## ○ History Order

The screenshot shows a web browser window with the URL `localhost/PW_KasirRestoran_Syavira/kasir/index.php?halaman=order`. The dashboard header includes the text "Dashboard Kasir" and "RESTAURANT BRACHIOSAURUS". A navigation bar contains links: HOME, DATA MENU, HISTORY ORDER (active), TRANSAKSI, DATA CUSTOMERS, and LOGOUT. The main content area is titled "HISTORY ORDER" and displays a table with order history.

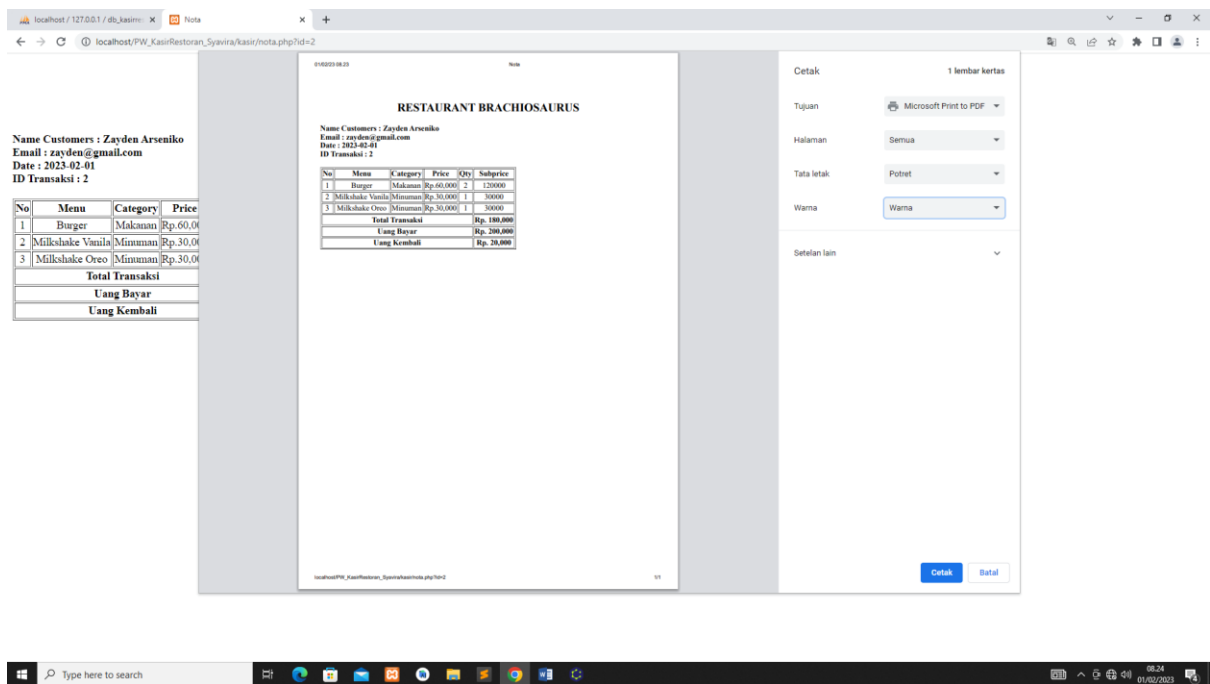
No	Menu	Category	Price	Qty	Subprice	Opsi
1	Burger	Makanan	Rp.60,000	2	Rp.120,000	<button>Delete</button>
2	Milkshake Vanila	Minuman	Rp.30,000	1	Rp.30,000	<button>Delete</button>
3	Milkshake Oreo	Minuman	Rp.30,000	1	Rp.30,000	<button>Delete</button>

At the bottom of the main content area, there are two buttons: "Add Order" and "Transaksi".

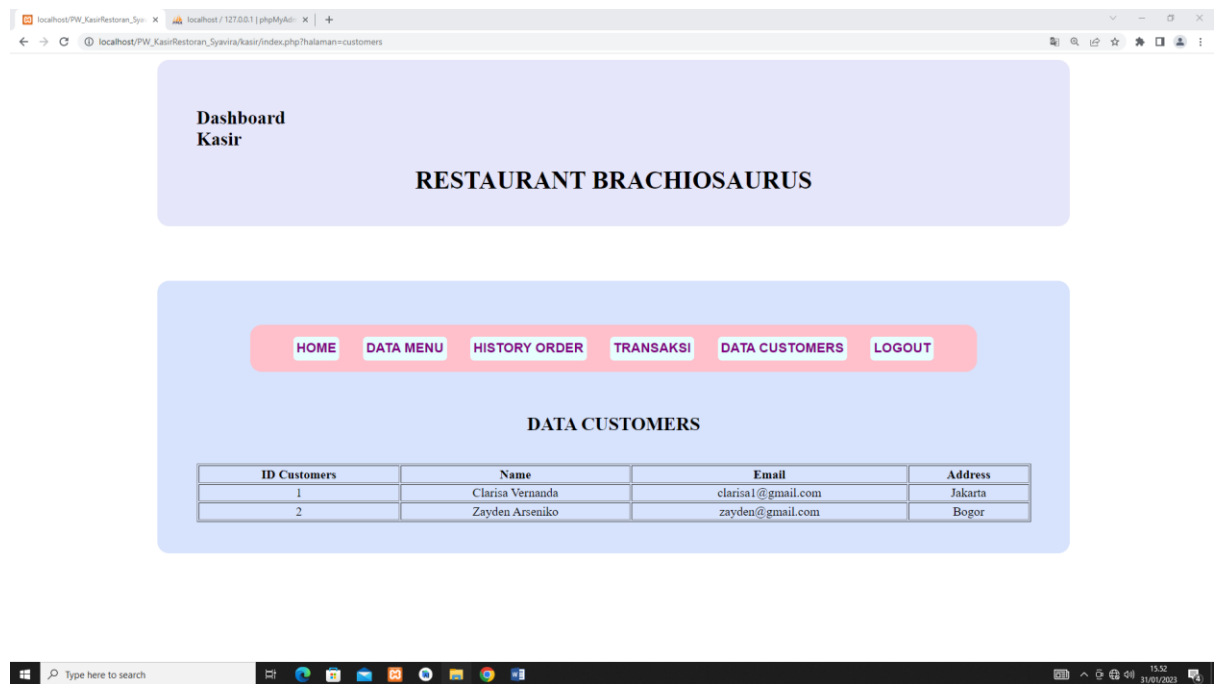
○ Transaksi



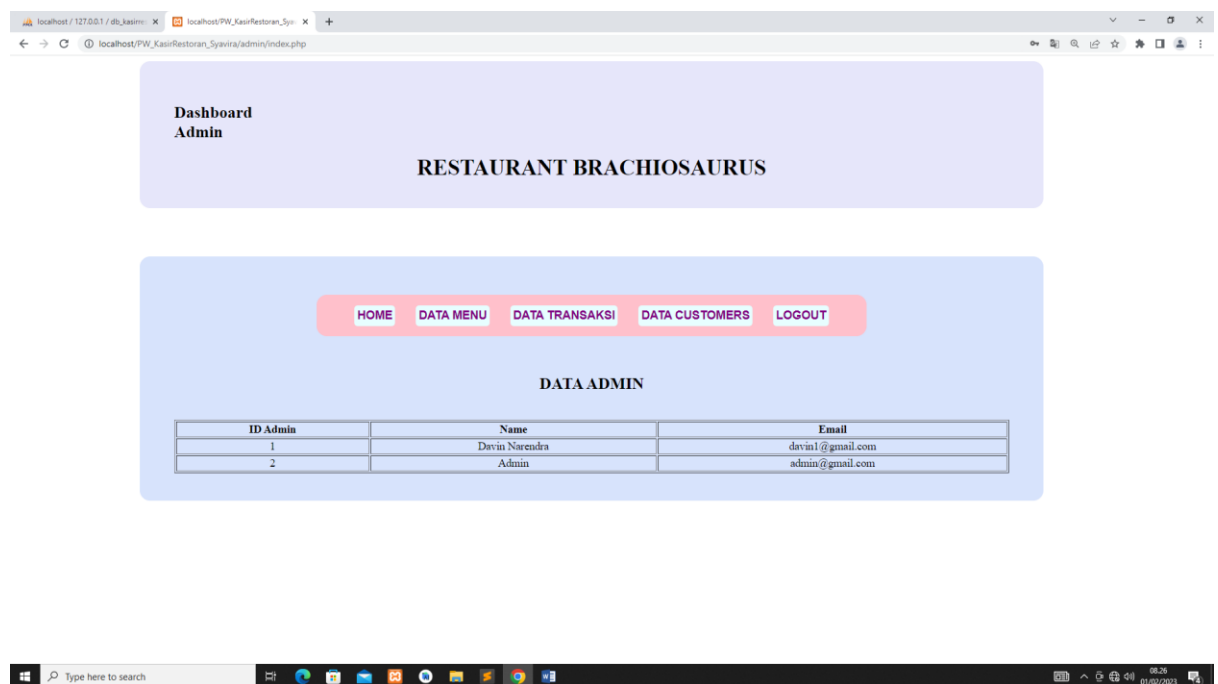
○ Nota transaksi



- Data Customers






- Dashboard Admin





## ○ Data Menu

The screenshot shows the 'Data Menu' page of the 'RESTAURANT BRACHIOSAURUS' admin dashboard. The page has a light blue background. At the top, there's a header with 'Dashboard Admin' on the left and the restaurant name in the center. Below the header is a navigation bar with buttons: HOME, DATA MENU (active), DATA TRANSAKSI, DATA CUSTOMERS, and LOGOUT. The main content area is titled 'DATA MENU' and features a green 'Add Menu' button. Below this is a table with 7 columns: ID Menu, Menu, Category, Price, Stock, Image, and Opsi. The table contains 4 rows of menu items. Each row has 'Update' and 'Delete' buttons in the 'Opsi' column.

ID Menu	Menu	Category	Price	Stock	Image	Opsi
1	Burger	Makanan	Rp.60.000	20		<button>Update</button> <button>Delete</button>
2	Milkshake Vanilla	Minuman	Rp.30.000	15		<button>Update</button> <button>Delete</button>
3	Pizza	Makanan	Rp.165.000	30		<button>Update</button> <button>Delete</button>
4	Milkshake Oreo	Minuman	Rp.30.000	10		<button>Update</button> <button>Delete</button>

## ○ Add Menu

The screenshot shows the 'Add Menu' page of the 'RESTAURANT BRACHIOSAURUS' admin dashboard. The page has a light blue background. At the top, there's a header with 'Dashboard Admin' on the left and the restaurant name in the center. Below the header is a navigation bar with buttons: HOME, DATA MENU (active), DATA TRANSAKSI, DATA CUSTOMERS, and LOGOUT. The main content area is titled 'ADD MENU' and features a form with five input fields: Menu, Category, Price, Stock, and Image. Below the input fields is a green 'ADD' button.

## ○ Update Menu

The screenshot shows the 'Update Menu' page in the 'Dashboard Admin' for 'RESTAURANT BRACHIOSAURUS'. The page has a navigation bar with links: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS, and LOGOUT. The 'UPDATE MENU' section contains five input fields for updating menu items: 'Burger', 'Makanan', '60000', '20', and '12.png'. Below these fields is a green 'UPDATE' button.

Dashboard Admin

RESTAURANT BRACHIOSAURUS

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS LOGOUT

UPDATE MENU

Burger

Makanan

60000

20

12.png

UPDATE

## ○ Data Transaksi

The screenshot shows the 'Data Transaksi' page in the 'Dashboard Admin' for 'RESTAURANT BRACHIOSAURUS'. The page has a navigation bar with links: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS, and LOGOUT. The 'DATA TRANSAKSI' section displays a table with transaction data. Each row in the table has 'Detail' and 'Print' buttons.

Dashboard Admin

RESTAURANT BRACHIOSAURUS

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS LOGOUT

DATA TRANSAKSI

ID Transaksi	Name Customers	Total Transaksi	Tanggal Transaksi	Opsl
1	Clarisa Vermanada	Rp.120,000	2023-02-01	<button>Detail</button> <button>Print</button>
2	Zayden Arseniko	Rp.180,000	2023-02-01	<button>Detail</button> <button>Print</button>

○ Detail Transaksi

Dashboard  
Admin

RESTAURANT BRACHIOSAURUS

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS LOGOUT

DETAIL TRANSAKSI

ID Transaksi Menu	Menu	Category	Price	Qty	Sub Price
1	Burger	Makanan	Rp.60,000	1	Rp.60,000
2	Milkslake Vanila	Minuman	Rp.30,000	2	Rp.60,000
Total Transaksi					Rp. 120,000
Payment					Rp. 150,000
Change					Rp. 30,000
Name Customers		ID Transaksi	Tanggal		
Clarisa Vernanda		1	2023-02-01		

○ Nota

Name Customers : Clarisa Vernanda  
Email : clarisa1@gmail.com  
Date : 2023-02-01  
ID Transaksi : 1

No	Menu	Category	Price
1	Burger	Makanan	Rp.60,000
2	Milkslake Vanila	Minuman	Rp.30,000
Total Transaksi			
Uang Bayar			
Uang Kembali			

010202030828

Nota

RESTAURANT BRACHIOSAURUS

Name Customers : Clarisa Vernanda  
Email : clarisa1@gmail.com  
Date : 2023-02-01  
ID Transaksi : 1

No	Menu	Category	Price	Qty	Subprice
1	Burger	Makanan	Rp.60,000	1	60000
2	Milkslake Vanila	Minuman	Rp.30,000	2	60000
Total Transaksi					Rp. 120,000
Uang Bayar					Rp. 150,000
Uang Kembali					Rp. 30,000

localhost/PW\_KasirRestoran\_Syavira/admin/nota.php?id=1

91

Cetak

1 lembar kertas

Tujuan  
Microsoft Print to PDF

Halaman  
Semua

Tata letak  
Potret

Warna  
Warna

Setelan lain

Cetak Batal

## ○ Data Customers

The screenshot shows the 'Data Customers' page of the 'RESTAURANT BRACHIOSAURUS' admin dashboard. The page has a light blue background. At the top, there's a header with 'Dashboard Admin' and the restaurant name. Below this is a navigation bar with buttons: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS (active), and LOGOUT. The main content area is titled 'DATA CUSTOMERS' and features a green 'Add Customers' button. Below the button is a table with customer data.

ID Customers	Name	Email	Address	Password	Opsi
1	Clarisa Verranda	clarisa1@gmail.com	Jakarta	12345	<button>Update</button> <button>Delete</button>
2	Zayden Arseniko	zayden@gmail.com	Bogor	12345	<button>Update</button> <button>Delete</button>

## ○ Add Customers

The screenshot shows the 'Add Customers' page of the 'RESTAURANT BRACHIOSAURUS' admin dashboard. The page has a light blue background. At the top, there's a header with 'Dashboard Admin' and the restaurant name. Below this is a navigation bar with buttons: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS (active), and LOGOUT. The main content area is titled 'ADD CUSTOMERS' and features a form with input fields for Name Customers, Email, Address, and Password, followed by a green 'ADD' button.

## ○ Update Customers

The screenshot shows a web browser window with the URL `localhost/PW_KasirRestoran_Syavira/admin/index.php?halaman=updateCustomers&id=1`. The page has a header with 'Dashboard Admin' and 'RESTAURANT BRACHIOSAURUS'. A navigation bar contains links: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS, and LOGOUT. The main content area is titled 'UPDATE CUSTOMERS' and contains four input fields with the following values: 'Clarisa Vemanda', 'clarisa1@gmail.com', 'Jakarta', and '12345'. Below the fields is a green 'UPDATE' button.

Dashboard Admin

RESTAURANT BRACHIOSAURUS

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS LOGOUT

UPDATE CUSTOMERS

Clarisa Vemanda

clarisa1@gmail.com

Jakarta

12345

UPDATE

## ○ Data Kasir

The screenshot shows a web browser window with the URL `localhost/PW_KasirRestoran_Syavira/admin/index.php?halaman=dataKasir`. The page has a header with 'Dashboard Admin' and 'RESTAURANT BRACHIOSAURUS'. A navigation bar contains links: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS, DATA KASIR, and LOGOUT. The main content area is titled 'DATA KASIR' and contains a green 'Add Kasir' button and a table with two rows of cashier data.

Dashboard Admin

RESTAURANT BRACHIOSAURUS

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS DATA KASIR LOGOUT

DATA KASIR

Add Kasir

ID Kasir	Name	Email	Password	Ops
1	Azella Quezalla	azellaqu@gmail.com	1234	<button>Update</button> <button>Delete</button>
2	Kasir	kasir@gmail.com	1234	<button>Update</button> <button>Delete</button>

## ○ Create Kasir

The screenshot shows a web browser window with the URL `localhost/PW_KasirRestoran_Syavira/admin/index.php?halaman=createKasir`. The page has a light purple header with the text "Dashboard Admin" and "RESTAURANT BRACHIOSAURUS". Below the header is a navigation bar with buttons: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS, DATA KASIR, and LOGOUT. The main content area is light blue and contains the "ADD KASIR" form. The form has three input fields: "Name Kasir", "Email", and "Password", followed by a green "ADD" button.

Dashboard Admin

RESTAURANT BRACHIOSAURUS

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS DATA KASIR LOGOUT

ADD KASIR

Name Kasir

Email

Password

ADD

## ○ Update Kasir

The screenshot shows a web browser window with the URL `localhost/PW_KasirRestoran_Syavira/admin/index.php?halaman=updateKasir&id=1`. The page has a light purple header with the text "Dashboard Admin" and "RESTAURANT BRACHIOSAURUS". Below the header is a navigation bar with buttons: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS, DATA KASIR, and LOGOUT. The main content area is light blue and contains the "UPDATE KASIR" form. The form has three input fields: "Azella Quenila", "azellaqu@gmail.com", and "1234", followed by a green "UPDATE" button.

Dashboard Admin

RESTAURANT BRACHIOSAURUS

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS DATA KASIR LOGOUT

UPDATE KASIR

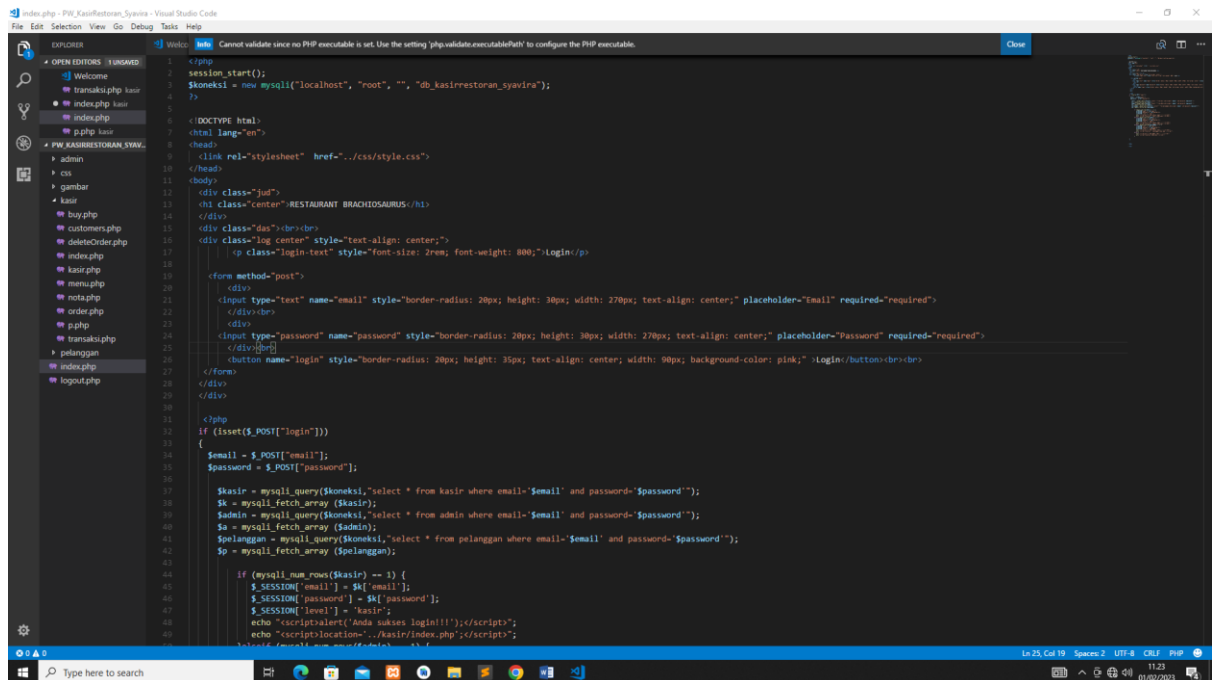
Azella Quenila

azellaqu@gmail.com

1234

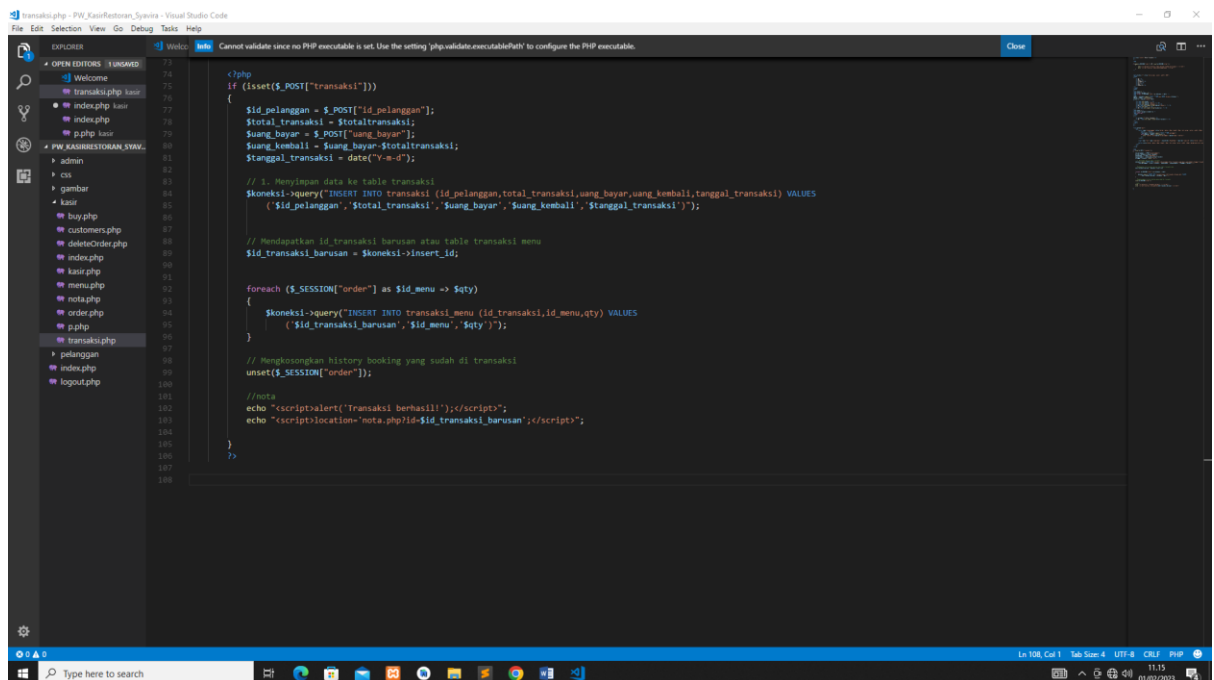
UPDATE

13. Lakukan pemrograman web dinamis menggunakan bahasa pemrograman yang anda pilih dengan ketentuan sebagai berikut
- Gunakan tipe data dan control program yang sesuai



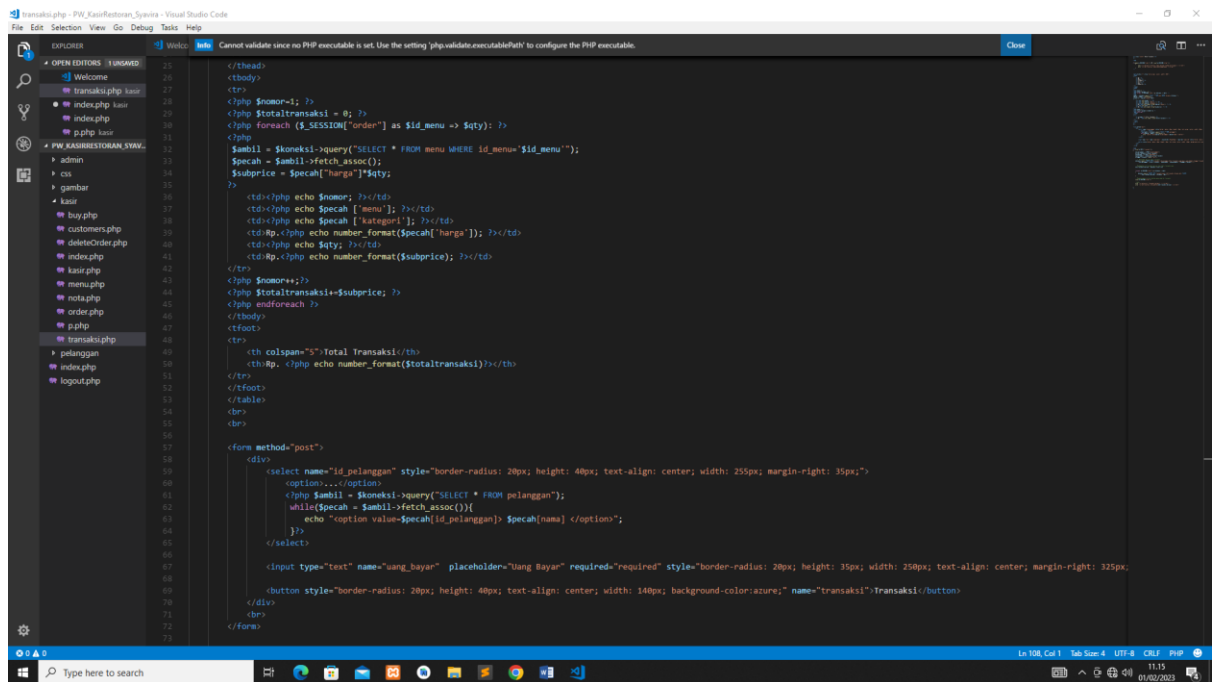
```
1 <?php
2 session_start();
3 $koneksi = new mysqli("localhost", "root", "", "db_kasirrestoran_syavira");
4 ?>
5
6 <!DOCTYPE html>
7 <html lang="en">
8 <head>
9 <link rel="stylesheet" href="../css/style.css">
10 </head>
11 <body>
12 <div class="jud">
13 <h1 class="center">RESTAURANT BRACHIOSAURUS</h1>
14 </div>
15 <div class="das"><br><br>
16 <div class="log center" style="text-align: center;">
17 <p class="login-text" style="font-size: 2rem; font-weight: 800;">Login</p>
18
19 <form method="post">
20 <div>
21 <input type="text" name="email" style="border-radius: 20px; height: 30px; width: 270px; text-align: center; placeholder="Email" required="required">
22 </div>
23 <div>
24 <input type="password" name="password" style="border-radius: 20px; height: 30px; width: 270px; text-align: center; placeholder="Password" required="required">
25 </div>
26 <button name="login" style="border-radius: 20px; height: 35px; text-align: center; width: 90px; background-color: pink;">Login</button><br><br>
27 </form>
28 </div>
29 </div>
30
31 <?php
32 if (isset($_POST["login"]))
33 {
34     $email = $_POST["email"];
35     $password = $_POST["password"];
36
37     $kasir = mysqli_query($koneksi,"select * from kasir where email='$email' and password='$password'");
38     $k = mysqli_fetch_array($kasir);
39     $admin = mysqli_query($koneksi,"select * from admin where email='$email' and password='$password'");
40     $a = mysqli_fetch_array($admin);
41     $pelanggan = mysqli_query($koneksi,"select * from pelanggan where email='$email' and password='$password'");
42     $p = mysqli_fetch_array($pelanggan);
43
44     if (mysqli_num_rows($kasir) == 1) {
45         $_SESSION["email"] = $k["email"];
46         $_SESSION["password"] = $k["password"];
47         $_SESSION["level"] = "kasir";
48         echo "<script>alert('Anda sukses login!!!');</script>";
49         echo "<script>location='../kasir/index.php';</script>";
50         header("refresh:1;url='../kasir/index.php'");
51     }
52 }
```

- Gunakan prosedur dan fungsi pada kode program yang dibuat

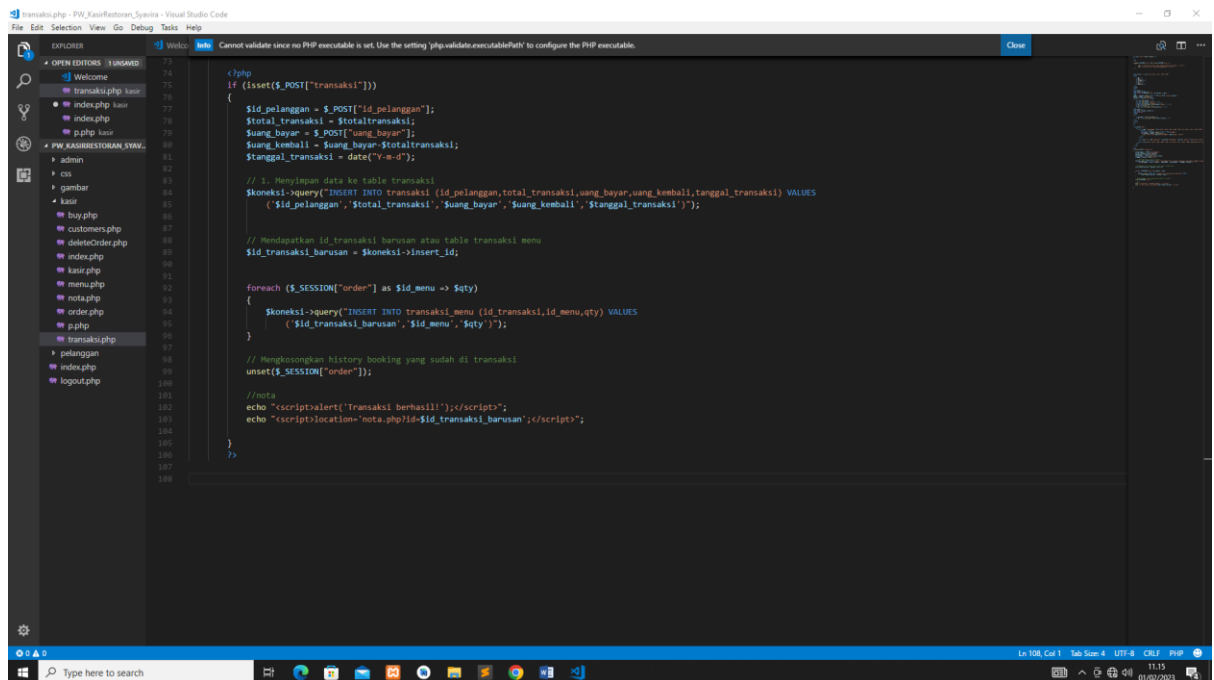


```
74 <?php
75 if (isset($_POST["transaksi"]))
76 {
77     $id_pelanggan = $_POST["id_pelanggan"];
78     $total_transaksi = $total_transaksi;
79     $uang_bayar = $_POST["uang_bayar"];
80     $uang_kembali = $uang_bayar - $total_transaksi;
81     $tanggal_transaksi = date("Y-m-d");
82
83     // 1. Menyimpan data ke table transaksi
84     $koneksi->query("INSERT INTO transaksi (id_pelanggan,total_transaksi,uang_bayar,uang_kembali,tanggal_transaksi) VALUES
85     ('$id_pelanggan', '$total_transaksi', '$uang_bayar', '$uang_kembali', '$tanggal_transaksi')");
86
87     // Mengupdate id_transaksi ke tabel transaksi menu
88     $id_transaksi_barusan = $koneksi->insert_id;
89
90     foreach ($_SESSION["order"] as $id_menu => $qty)
91     {
92         $koneksi->query("INSERT INTO transaksi_menu (id_transaksi,id_menu,qty) VALUES
93         ('$id_transaksi_barusan', '$id_menu', '$qty')");
94     }
95
96     // Mengkosongkan history booking yang sudah di transaksi
97     unset($_SESSION["order"]);
98
99     //nota
100     echo "<script>alert('Transaksi berhasil!!!');</script>";
101     echo "<script>location='nota.php?id=$id_transaksi_barusan';</script>";
102 }
103 ?>
```

c. Gunakan array untuk membantu melakukan pengolahan data dari database



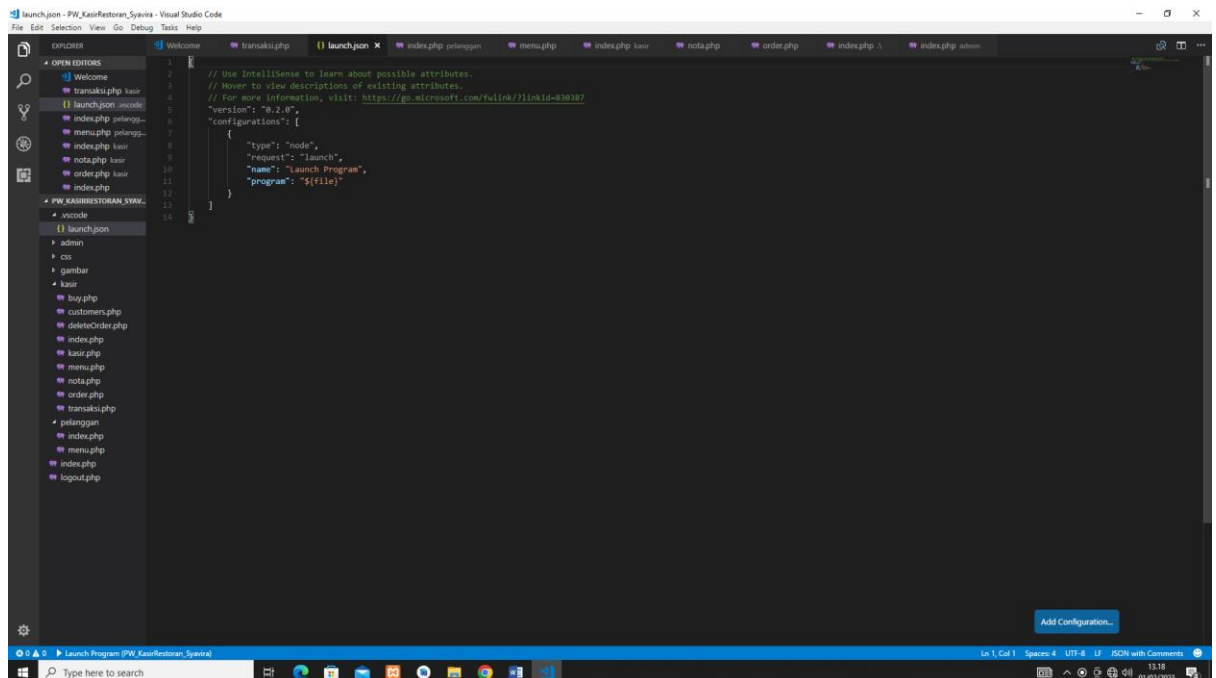
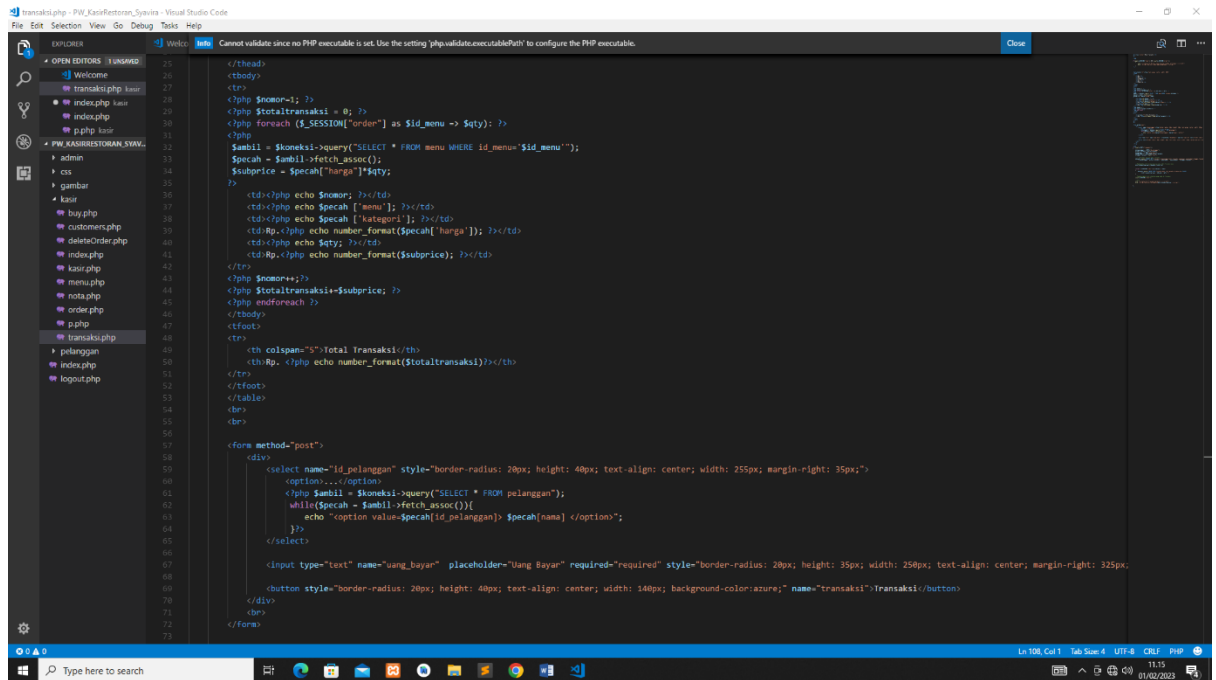
```
21 </thead>
22 <tbody>
23 <tr>
24 <?php $nomor=1; ?>
25 <?php $totaltransaksi = 0; ?>
26 <?php foreach ($SESSION["order"] as $id_menu => $qty) :?>
27     $ambil = $koneksi->query("SELECT * FROM menu WHERE id_menu=$id_menu");
28     $specah = $ambil->fetch_assoc();
29     $subprice = $specah["harga"]*$qty;
30 <?php
31     <td><?php echo $nomor; ?></td>
32     <td><?php echo $specah["menu"]; ?></td>
33     <td><?php echo $specah["kategori"]; ?></td>
34     <td><?php echo number_format($specah["harga"]); ?></td>
35     <td><?php echo $qty; ?></td>
36     <td><?php echo number_format($subprice); ?></td>
37 </tr>
38 <?php $nomor++;?>
39 <?php $totaltransaksi+=$subprice; ?>
40 <?php endforeach ?>
41 </tbody>
42 <tfoot>
43 <tr>
44     <th colspan="5">Total Transaksi:</th>
45     <td><?php echo number_format($totaltransaksi);?></td>
46 </tr>
47 </tfoot>
48 </table>
49 <br>
50 <form method="post">
51 <div>
52     <select name="id_pelanggan" style="border-radius: 20px; height: 40px; text-align: center; width: 255px; margin-right: 35px;">
53         <option>....</option>
54         <?php $ambil = $koneksi->query("SELECT * FROM pelanggan");
55         while($specah = $ambil->fetch_assoc()){
56             <option value=$specah[id_pelanggan]> $specah[nama] </option>;
57         }
58     </select>
59     <input type="text" name="uang_bayar" placeholder="uang Bayar" required="required" style="border-radius: 20px; height: 35px; width: 250px; text-align: center; margin-right: 325px;">
60     <button style="border-radius: 20px; height: 40px; text-align: center; width: 140px; background-color: azure; name="transaksi">Transaksi</button>
61 </div>
62 </form>
```

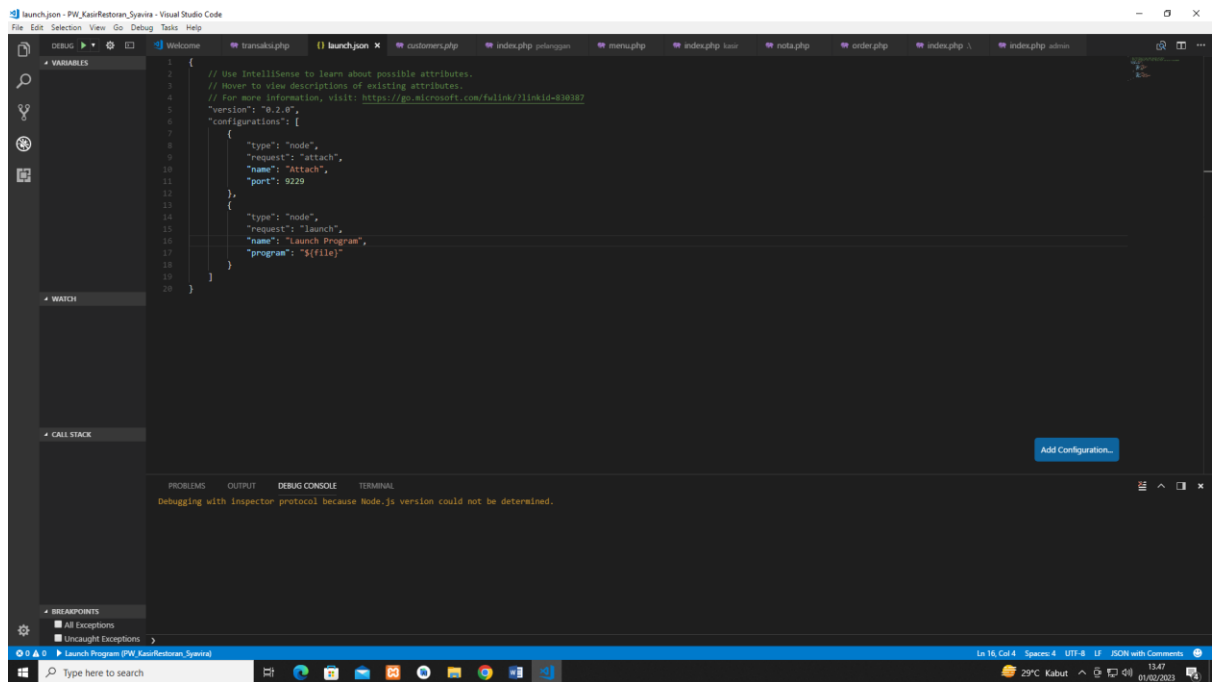
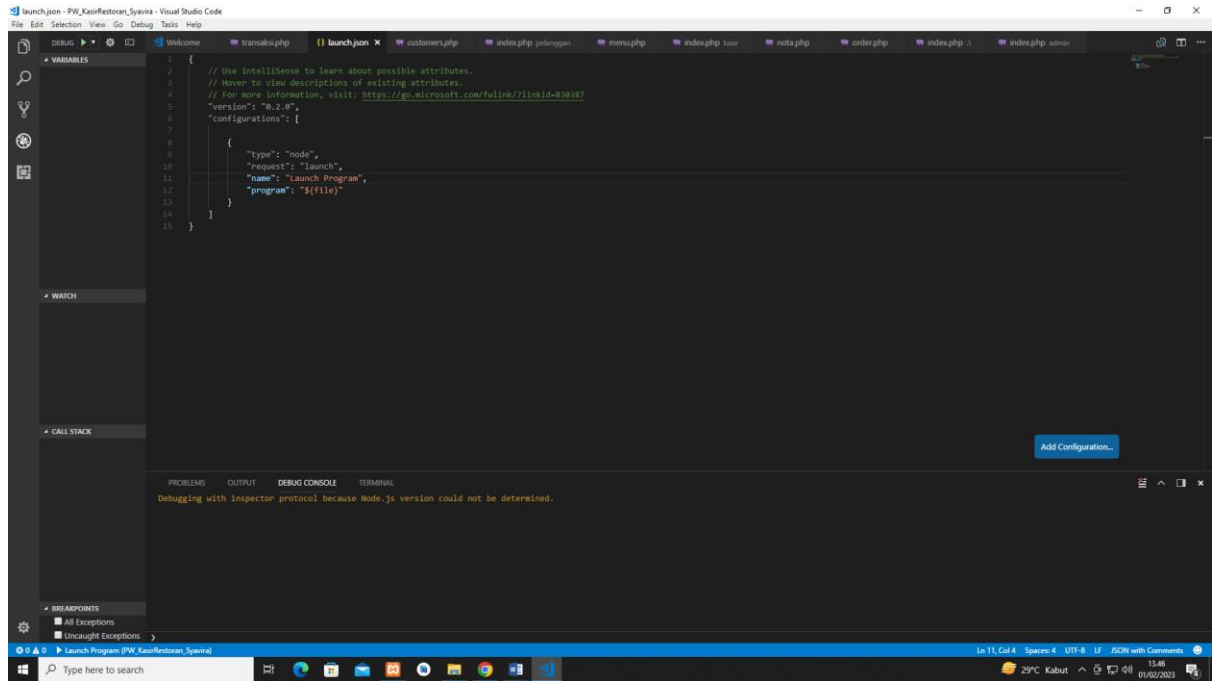


```
77 <?php
78 if (isset($_POST["transaksi"]))
79 {
80     $id_pelanggan = $_POST["id_pelanggan"];
81     $total_transaksi = $totaltransaksi;
82     $uang_bayar = $_POST["uang_bayar"];
83     $uang_kembali = $uang_bayar-$totaltransaksi;
84     $tanggal_transaksi = date("Y-m-d");
85
86     // 1. Menyimpan data ke table transaksi
87     $koneksi->query("INSERT INTO transaksi (id_pelanggan,total_transaksi,uang_bayar,uang_kembali,tanggal_transaksi) VALUES
88     ('$id_pelanggan', '$total_transaksi', '$uang_bayar', '$uang_kembali', '$tanggal_transaksi')");
89
90     // Mendapatkan id_transaksi barusan atau table transaksi menu
91     $id_transaksi_barusan = $koneksi->insert_id;
92
93     foreach ($SESSION["order"] as $id_menu => $qty)
94     {
95         $koneksi->query("INSERT INTO transaksi_menu (id_transaksi,id_menu,qty) VALUES
96         ('$id_transaksi_barusan', '$id_menu', '$qty')");
97     }
98
99     // Mengkosongkan history booking yang sudah di transaksi
100     unset($_SESSION["order"]);
101
102     //nota
103     echo "<script>alert('Transaksi berhasil!');</script>";
104     echo "<script>location='nota.php?id=$id_transaksi_barusan';</script>";
105 }
106 }
107 }
108 }
```

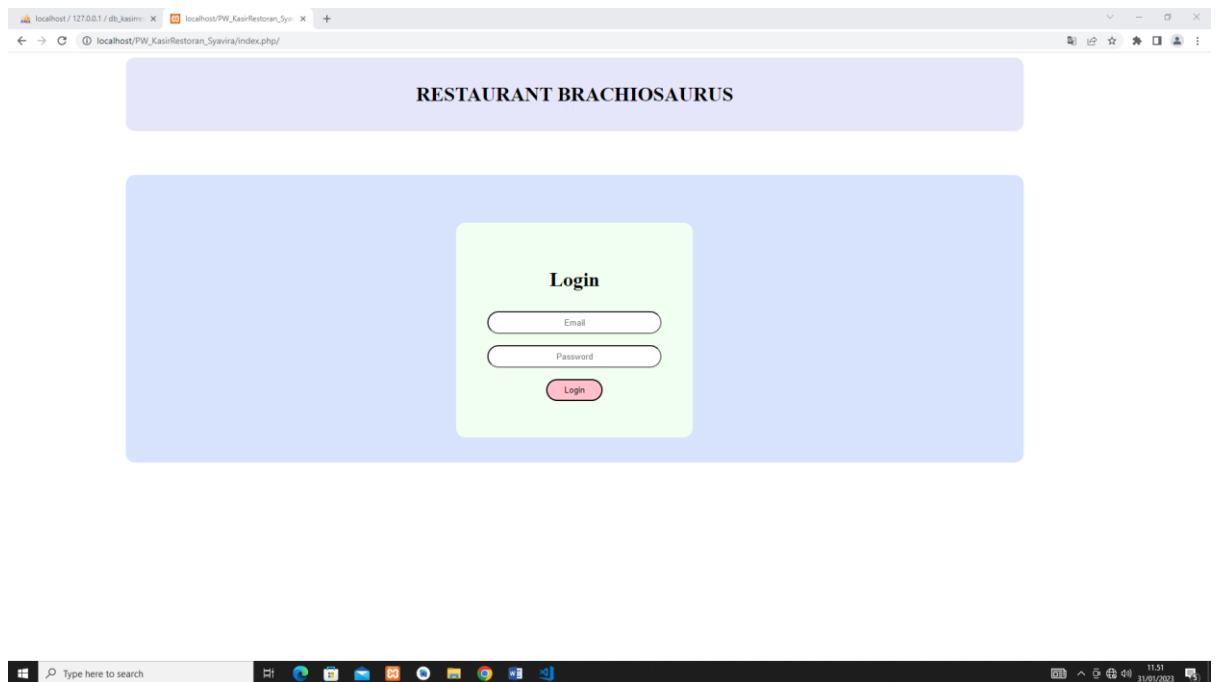


14. Lakukan pengujian/debug setiap kode program, pastikan hasil aplikasi sesuai dengan yang diharapkan

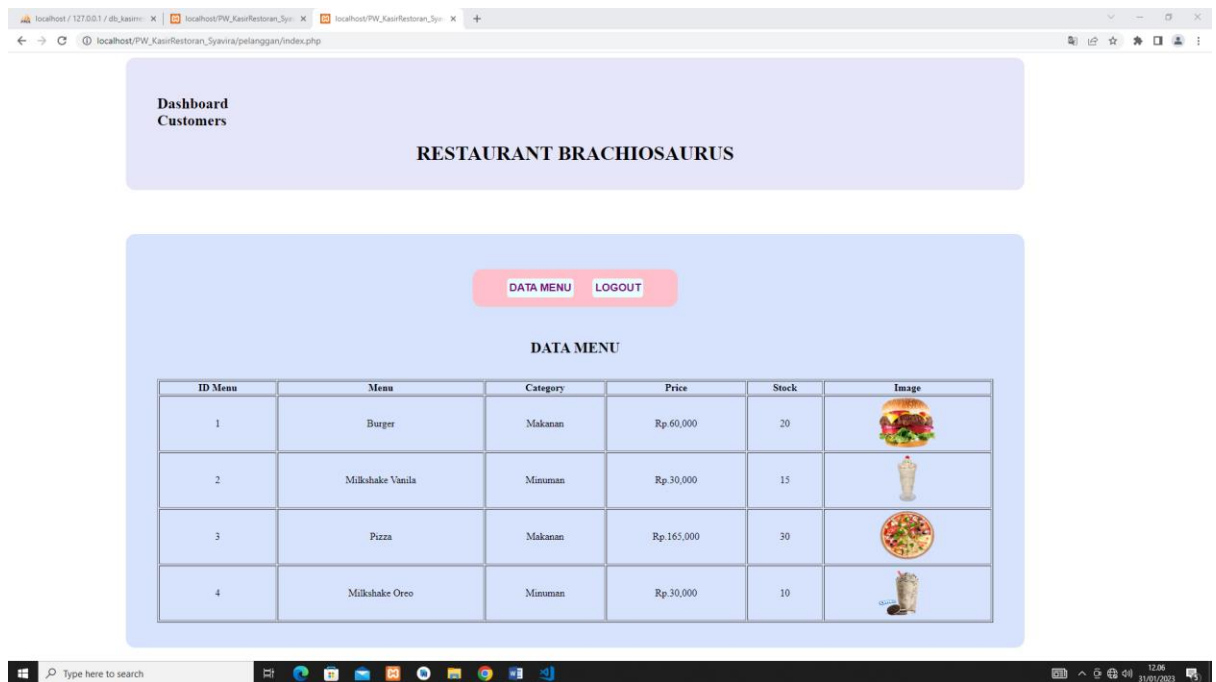




- Login



- Dashboard Customers



- Dashboard Kasir





The screenshot shows a web browser window with three tabs. The active tab is 'localhost/PW\_KasirRestoran\_Syavira/kasir/index.php'. The page has a light purple header with 'Dashboard Kasir' and 'RESTAURANT BRACHIOSAURUS'. Below the header is a navigation bar with buttons: HOME, DATA MENU, HISTORY ORDER, DATA TRANSAKSI, DATA CUSTOMERS, and LOGOUT. The main content area is titled 'DATA KASIR' and contains a table with the following data:

ID Kasir	Name	Email
1	Azella Quenilla	azellaqu@gmail.com
2	Kasir	kasir@gmail.com

The Windows taskbar at the bottom shows the search bar and various application icons. The system clock indicates 12:13 on 31/01/2023.

- Data Menu

The screenshot shows the same web browser window as before, but the active tab is 'localhost/PW\_KasirRestoran\_Syavira/kasir/index.php/thalaman=menu'. The page layout is identical, but the main content area is titled 'DATA MENU' and contains a table with the following data:

ID Menu	Menu	Category	Price	Stock	Image	Opsi
1	Burger	Makanan	Rp.60,000	20		<button>Order</button>
2	Milkshake Vanilla	Minuman	Rp.30,000	15		<button>Order</button>
3	Pizza	Makanan	Rp.165,000	30		<button>Order</button>
4	Milkshake Oreo	Minuman	Rp.30,000	10		<button>Order</button>

The Windows taskbar at the bottom shows the search bar and various application icons. The system clock indicates 12:12 on 31/01/2023.

## History Order

The screenshot shows a web browser window displaying the 'History Order' page of the 'RESTAURANT BRACHIOSAURUS' dashboard. The dashboard header includes the title 'Dashboard Kasir' and the restaurant name. A navigation bar contains links: HOME, DATA MENU, HISTORY ORDER (active), TRANSAKSI, DATA CUSTOMERS, and LOGOUT. The main content area is titled 'HISTORY ORDER' and features a table with the following data:

No	Menu	Category	Price	Qty	Subprice	Opsi
1	Burger	Makanan	Rp.60,000	2	Rp.120,000	<button>Delete</button>
2	Milkshake Vanilla	Minuman	Rp.30,000	1	Rp.30,000	<button>Delete</button>
3	Milkshake Oreo	Minuman	Rp.30,000	1	Rp.30,000	<button>Delete</button>

Below the table are two buttons: 'Add Order' and 'Transaksi'.

## Transaksi

The screenshot shows the 'Transaksi' page of the 'RESTAURANT BRACHIOSAURUS' dashboard. The navigation bar is identical to the previous page, with 'TRANSAKSI' now active. The main content area is titled 'Data Transaksi' and displays a table with the following data:

No	Menu	Category	Price	Qty	Subprice
1	Burger	Makanan	Rp.60,000	2	Rp.120,000
2	Milkshake Vanilla	Minuman	Rp.30,000	1	Rp.30,000
3	Milkshake Oreo	Minuman	Rp.30,000	1	Rp.30,000
Total Transaksi					Rp.180,000

Below the table, there is a dropdown menu showing 'Zayden Arseniko', a text input field containing '200000', and a 'Transaksi' button.

## ○ Nota transaksi

**RESTAURANT BRACHIOSAURUS**

Name Customer : Zayden Arseniko  
Email : zayden@gmail.com  
Date : 2023-02-01  
ID Transaksi : 2

No	Menu	Kategori	Price	Qty	Subprice
1	Burger	Makanan	Rp.60,000	2	120000
2	Milksake Vanilla	Minuman	Rp.30,000	1	30000
3	Milksake Oreo	Minuman	Rp.30,000	1	30000
Total Transaksi			Rp.180,000		
Uang Bayar			Rp.200,000		
Uang Kembali			Rp.20,000		

**Summary:**  
Total Transaksi: Rp.180,000  
Uang Bayar: Rp.200,000  
Uang Kembali: Rp.20,000

**Customer Details:**  
Name Customers : Zayden Arseniko  
Email : zayden@gmail.com  
Date : 2023-02-01  
ID Transaksi : 2

**Print Options:**  
Cetak: 1 lembar kertas  
Tujuan: Microsoft Print to PDF  
Halaman: Semua  
Tata letak: Potret  
Warna: Warna

## ○ Data Customers

**Dashboard Kasir**

**RESTAURANT BRACHIOSAURUS**

**Navigation Menu:** HOME, DATA MENU, HISTORY ORDER, TRANSAKSI, DATA CUSTOMERS, LOGOUT

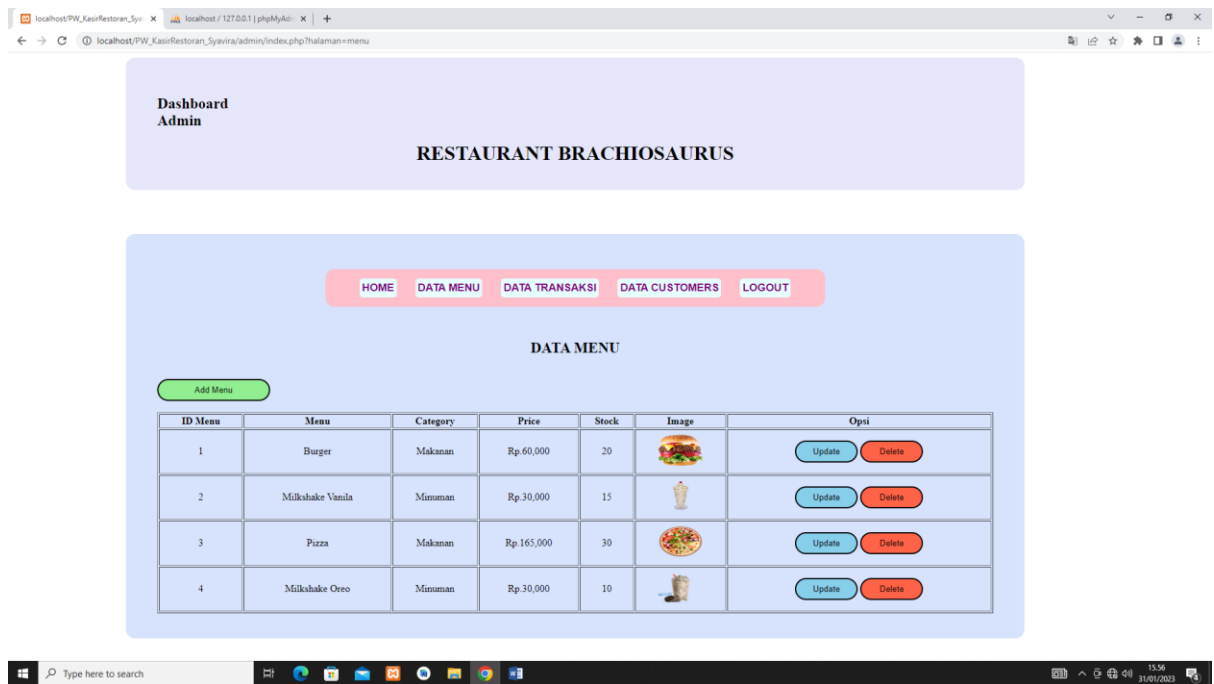
**DATA CUSTOMERS**

ID Customers	Name	Email	Address
1	Clarisa Vernaanda	clarisa1@gmail.com	Jakarta
2	Zayden Arseniko	zayden@gmail.com	Bogor

- Dashboard Admin



- Data Menu



## ○ Add Menu

The screenshot shows a web browser window with the URL `localhost/PW_KasirRestoran_Syavira/admin/index.php?halaman=createMenu`. The page has a purple header with 'Dashboard Admin' and 'RESTAURANT BRACHIOSAURUS'. Below the header is a navigation bar with links: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS, and LOGOUT. The main content area is titled 'ADD MENU' and contains five input fields: Menu, Category, Price, Stock, and Image. A green 'ADD' button is at the bottom.

Dashboard Admin

RESTAURANT BRACHIOSAURUS

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS LOGOUT

ADD MENU

Menu

Category

Price

Stock

Image

ADD

## ○ Update Menu

The screenshot shows a web browser window with the URL `localhost/PW_KasirRestoran_Syavira/admin/index.php?halaman=updateMenu&id=1`. The page has a purple header with 'Dashboard Admin' and 'RESTAURANT BRACHIOSAURUS'. Below the header is a navigation bar with links: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS, and LOGOUT. The main content area is titled 'UPDATE MENU' and contains five input fields: Burger, Makanan, 60000, 20, and 12.png. A green 'UPDATE' button is at the bottom.

Dashboard Admin

RESTAURANT BRACHIOSAURUS

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS LOGOUT

UPDATE MENU

Burger

Makanan

60000

20

12.png

UPDATE



## ○ Data Transaksi

The screenshot shows a web browser window with the URL `localhost/PW_KasirRestoran_Syavira/admin/index.php?halaman=dataTransaksi`. The page has a light purple header with the text "Dashboard Admin" and "RESTAURANT BRACHIOSAURUS". Below the header is a navigation bar with buttons: HOME, DATA MENU, DATA TRANSAKSI (active), DATA CUSTOMERS, and LOGOUT. The main content area is titled "DATA TRANSAKSI" and contains a table with the following data:

ID Transaksi	Name Customers	Total Transaksi	Tanggal Transaksi	Opsi
1	Clarisa Vernaada	Rp.120,000	2023-02-01	<a href="#">Detail</a> <a href="#">Print</a>
2	Zayden Arseniko	Rp.180,000	2023-02-01	<a href="#">Detail</a> <a href="#">Print</a>

The Windows taskbar at the bottom shows the time as 08:27 on 01/02/2023.

## ○ Detail Transaksi

The screenshot shows a web browser window with the URL `localhost/PW_KasirRestoran_Syavira/admin/index.php?halaman=detailTransaksi&id=1`. The page layout is identical to the previous one, but the main content area is titled "DETAIL TRANSAKSI" and displays a detailed breakdown of transaction ID 1:

ID Transaksi Menu	Menu	Category	Price	Qty	Sub Price
1	Burger	Makanan	Rp.60,000	1	Rp.60,000
2	Milkslake Vanilla	Minuman	Rp.30,000	2	Rp.60,000
Total Transaksi					Rp. 120,000
Payment					Rp. 150,000
Change					Rp. 30,000
Name Customers		ID Transaksi	Tanggal		
Clarisa Vernaada		1	2023-02-01		

The Windows taskbar at the bottom shows the time as 08:28 on 01/02/2023.

## ○ Nota

localhost / 127.0.0.1 / db\_kasir... x Nota

← → ↻ localhost/PW\_KasirRestoran\_Syavira/admin/nota.php?id=1

01/02/2023 08:28

Nota

**RESTAURANT BRACHIOSAURUS**

Name Customers : Clarisa Vernanda  
Email : clarisa1@gmail.com  
Date : 2023-02-01  
ID Transaksi : 1

No	Menu	Category	Price	Qty	Subprice
1	Burger	Makanan	Rp.60.000	1	60000
2	Milksake Vanilla	Minuman	Rp.30.000	2	60000
<b>Total Transaksi</b>					<b>Rp.120.000</b>
<b>Uang Bayar</b>					<b>Rp.150.000</b>
<b>Uang Kembali</b>					<b>Rp.30.000</b>

localhost/PW\_KasirRestoran\_Syavira/admin/nota.php?id=1

91

Cetak

1 lembar kertas

Tujuan: Microsoft Print to PDF

Halaman: Semua

Tata letak: Potret

Warna: Warna

Setelan lain

Cetak Batal

Type here to search

08:29 01/02/2023

## ○ Data Customers

localhost/PW\_KasirRestoran\_Sy... x localhost / 127.0.0.1 / phpMyKasir... x

← → ↻ localhost/PW\_KasirRestoran\_Syavira/admin/index.php?halaman=customers

Dashboard Admin

**RESTAURANT BRACHIOSAURUS**

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS LOGOUT

**DATA CUSTOMERS**

Add Customers

ID Customers	Name	Email	Address	Password	Opsi
1	Clarisa Vernanda	clarisa1@gmail.com	Jakarta	12345	<button>Update</button> <button>Delete</button>
2	Zayden Arsenzko	zayden@gmail.com	Bogor	12345	<button>Update</button> <button>Delete</button>

Type here to search

16:01 31/01/2023

## ○ Add Customers

The screenshot shows a web browser window with the URL `localhost/PW_KasirRestoran_Syavira/admin/index.php?halaman=createCustomers`. The page has a purple header with 'Dashboard Admin' and 'RESTAURANT BRACHIOSAURUS'. A pink navigation bar contains links: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS, and LOGOUT. The main content area is light blue and titled 'ADD CUSTOMERS'. It features four input fields: 'Name Customers', 'Email', 'Address', and 'Password'. Below these fields is a green 'ADD' button. The Windows taskbar at the bottom shows the time as 16:00 on 31/01/2023.

Dashboard Admin

RESTAURANT BRACHIOSAURUS

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS LOGOUT

ADD CUSTOMERS

Name Customers

Email

Address

Password

ADD

## ○ Update Customers

The screenshot shows a web browser window with the URL `localhost/PW_KasirRestoran_Syavira/admin/index.php?halaman=updateCustomers&id=1`. The page layout is identical to the 'Add Customers' page, but the input fields are pre-filled with data: 'Clarisa Vernanda', 'clarisa1@gmail.com', 'Jakarta', and '12345'. A green 'UPDATE' button is at the bottom. The Windows taskbar at the bottom shows the time as 16:01 on 31/01/2023.

Dashboard Admin

RESTAURANT BRACHIOSAURUS

HOME DATA MENU DATA TRANSAKSI DATA CUSTOMERS LOGOUT

UPDATE CUSTOMERS

Clarisa Vernanda

clarisa1@gmail.com

Jakarta

12345

UPDATE

## ○ Data Kasir

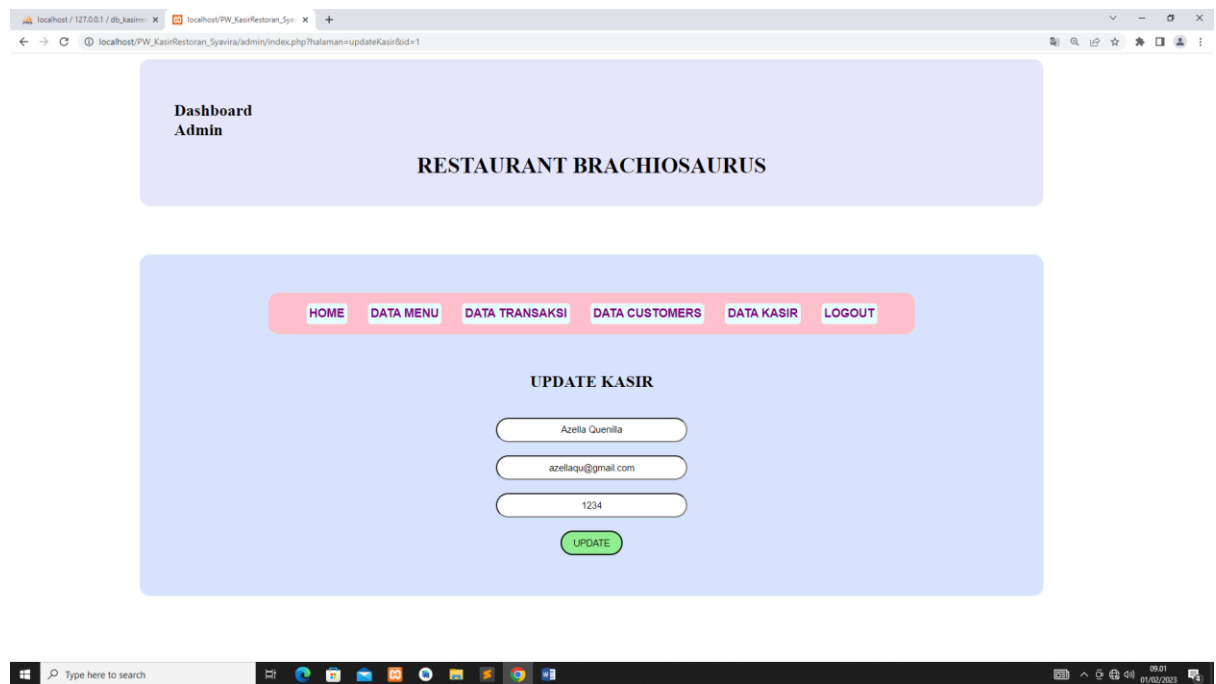
The screenshot shows the 'Data Kasir' page of the 'RESTAURANT BRACHIOSAURUS' admin dashboard. The page has a light blue background. At the top, there's a header with 'Dashboard Admin' and the restaurant name. Below this is a navigation bar with buttons: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS, DATA KASIR (active), and LOGOUT. The main content area is titled 'DATA KASIR' and features a green 'Add Kasir' button. Below the button is a table with two columns: 'ID Kasir' and 'Ops'. The table contains two rows of data. The first row has ID 1, Name 'Azella Quenilla', Email 'azellaqu@gmail.com', Password '1234', and an 'Ops' column with 'Update' and 'Delete' buttons. The second row has ID 2, Name 'Kasir', Email 'kasir@gmail.com', Password '1234', and an 'Ops' column with 'Update' and 'Delete' buttons.

ID Kasir	Name	Email	Password	Ops
1	Azella Quenilla	azellaqu@gmail.com	1234	<button>Update</button> <button>Delete</button>
2	Kasir	kasir@gmail.com	1234	<button>Update</button> <button>Delete</button>

## ○ Create Kasir

The screenshot shows the 'Create Kasir' page of the 'RESTAURANT BRACHIOSAURUS' admin dashboard. The page has a light blue background. At the top, there's a header with 'Dashboard Admin' and the restaurant name. Below this is a navigation bar with buttons: HOME, DATA MENU, DATA TRANSAKSI, DATA CUSTOMERS, DATA KASIR (active), and LOGOUT. The main content area is titled 'ADD KASIR' and features three input fields: 'Name Kasir', 'Email', and 'Password'. Below the input fields is a green 'ADD' button.

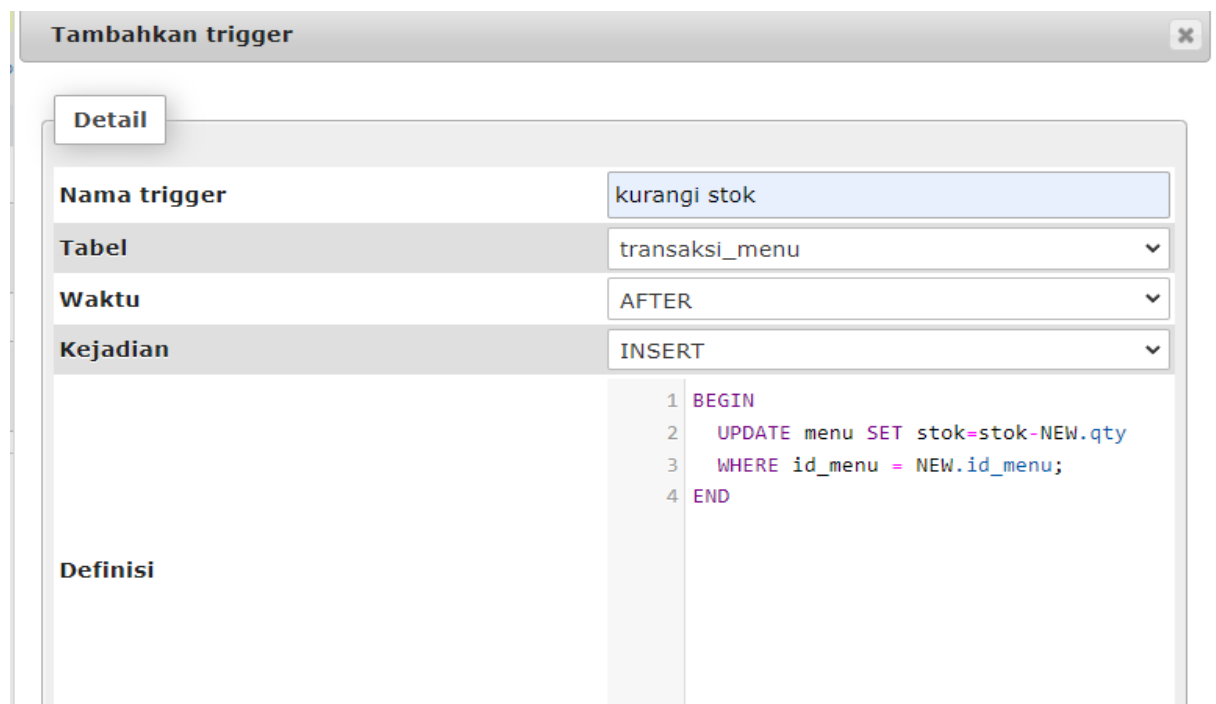
## ○ Update Kasir







## ❖ Unit Kompetensi No. 12

15. Buatlah **trigger** dengan nama kurangi stok sehingga data **produk/jasa** pada tabel berkurang stoknya setelah terpesan (booking)!

- Trigger



- Hasil

Trigger 	
Nama	Tindakan
<input type="checkbox"/> kurangi stok	 Ubah  Ekspor  Hapus AFTER INSERT

- Sebelum

		id_menu	menu	kategori	harga	stok	img
<input type="checkbox"/>	 Ubah  Salin  Hapus	1	Burger	Makanan	60000	20	f2.png
<input type="checkbox"/>	 Ubah  Salin  Hapus	2	Milkshake Vanila	Minuman	30000	15	f21.png
<input type="checkbox"/>	 Ubah  Salin  Hapus	3	Pizza	Makanan	165000	30	f6.png
<input type="checkbox"/>	 Ubah  Salin  Hapus	4	Milkshake Oreo	Minuman	30000	10	f22.png

- Sesudah

		id_transaksi_menu	id_transaksi	id_menu	qty
<input type="checkbox"/>	 Ubah  Salin  Hapus	1	1	1	1
<input type="checkbox"/>	 Ubah  Salin  Hapus	2	1	2	2

+ Opsi							
		id_menu	menu	kategori	harga	stok	img
<input type="checkbox"/>	 Ubah  Salin  Hapus	1	Burger	Makanan	60000	19	f2.png
<input type="checkbox"/>	 Ubah  Salin  Hapus	2	Milkshake Vanila	Minuman	30000	13	f21.png
<input type="checkbox"/>	 Ubah  Salin  Hapus	3	Pizza	Makanan	165000	30	f6.png
<input type="checkbox"/>	 Ubah  Salin  Hapus	4	Milkshake Oreo	Minuman	30000	10	f22.png

16. Buatlah perintah **commit** untuk aksi insert data pada tabel pelanggan

- Commit

```

1 START TRANSACTION;
2 INSERT INTO pelanggan (nama,email,alamat,password)
3 VALUES ("Farzan Tanubrata", "farzan@gmail.com", "Bogor", "12345");
4 COMMIT;
```

Tampilkan kotak kueri

✓ MySQL memberikan hasil kosong (atau nol baris). (Pencarian dilakukan dalam 0,0002 detik.)

```
START TRANSACTION
```

✓ 1 baris ditambahkan.

Nomor baris baru: 4 (Pencarian dilakukan dalam 0,0021 detik.)

```
INSERT INTO pelanggan (nama,email,alamat,password) VALUES ("Farzan Tanubrata", "farzan@gmail.com", "Bogor", "12345")
```

✓ MySQL memberikan hasil kosong (atau nol baris). (Pencarian dilakukan dalam 0,0014 detik.)

```
COMMIT
```

- Hasil

		id_pelanggan	nama	email	alamat	password
<input type="checkbox"/>	Ubah  Salin  Hapus	1	Clarisa Vernanda	clarisa1@gmail.com	Jakarta	1234
<input type="checkbox"/>	Ubah  Salin  Hapus	2	Zayden Arseniko	zayden@gmail.com	Bogor	12345
<input type="checkbox"/>	Ubah  Salin  Hapus	3	Lenna Fitriani	lena@gmail.com	Depok	12345
<input type="checkbox"/>	Ubah  Salin  Hapus	4	Farzan Tanubrata	farzan@gmail.com	Bogor	12345

17. Buatlah perintah **rollback** untuk aksi insert data pada tabel pelanggan

- Rollback

```
1 START TRANSACTION;
2 SELECT * FROM pelanggan;
3 DELETE FROM pelanggan WHERE nama="Farzan Tanubrata";
4 SELECT * FROM pelanggan;
5 ROLLBACK;
```

Tampilkan kotak kueri

✓ MySQL memberikan hasil kosong (atau nol baris). (Pencarian dilakukan dalam 0,0002 detik.)

```
START TRANSACTION
```

✓ Menampilkan baris 0 - 3 (total 4, Pencarian dilakukan dalam 0,0006 detik.)

```
SELECT * FROM pelanggan
```

- Hasil

		id_pelanggan	nama	email	alamat	password
<input type="checkbox"/>	 Ubah	 Salin	 Hapus	1	Clarisa Vernanda	clarisa1@gmail.com Jakarta 1234
<input type="checkbox"/>	 Ubah	 Salin	 Hapus	2	Zayden Arseniko	zayden@gmail.com Bogor 12345
<input type="checkbox"/>	 Ubah	 Salin	 Hapus	3	Lenna Fitriani	lena@gmail.com Depok 12345
<input type="checkbox"/>	 Ubah	 Salin	 Hapus	4	Farzan Tanubrata	farzan@gmail.com Bogor 12345

18. Buatlah trigger pada tabel pelanggan di database untuk logging aplikasi yang akan secara otomatis mencatat semua kejadian insert,update,delete data pelanggan

- Insert

```
1 CREATE TRIGGER insert_pelanggan AFTER INSERT ON pelanggan FOR EACH ROW INSERT INTO log_pelanggan
2 VALUES ('Insert Data', now());
```

✓ MySQL memberikan hasil kosong (atau nol baris). (Pencarian dilakukan dalam 0,0061 detik.)

```
CREATE TRIGGER insert_pelanggan AFTER INSERT ON pelanggan FOR EACH ROW INSERT INTO log_pelanggan VALUES ('Insert Data', now())
```

kejadian	waktu
Insert Data	2023-02-01 10:41:34

- Update

```
1 CREATE TRIGGER update_pelanggan AFTER UPDATE ON pelanggan FOR EACH ROW INSERT INTO log_pelanggan
2 VALUES ('Update Data', now());
```

✓ MySQL memberikan hasil kosong (atau nol baris). (Pencarian dilakukan dalam 0,0084 detik.)

```
CREATE TRIGGER update_pelanggan AFTER UPDATE ON pelanggan FOR EACH ROW INSERT INTO log_pelanggan VALUES ('Update Data', now())
```

kejadian	waktu
Insert Data	2023-02-01 10:41:34
Update Data	2023-02-01 10:48:51



- Delete

```
1 CREATE TRIGGER delete_pelanggan AFTER DELETE ON pelanggan FOR EACH ROW INSERT INTO log_pelanggan
2 VALUES ('Delete Data', now());
```

✓ MySQL memberikan hasil kosong (atau nol baris). (Pencarian dilakukan dalam 0,0072 detik.)

```
CREATE TRIGGER delete_pelanggan AFTER DELETE ON pelanggan FOR EACH ROW INSERT INTO log_pelanggan VALUES ('Delete Data', now())
```

kejadian	waktu
Insert Data	2023-02-01 10:41:34
Update Data	2023-02-01 10:48:51
Delete Data	2023-02-01 10:51:05