USER MANUAL BOOK

RESTAURANT

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XII RPL 2

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CHAPTER 1
INTRODUCTION

1.1 APP INTRODUCTION

DEJA-YOU is a desktop-based Restaurant Cashier Application. Created and designed using the C# programming language, which is very useful for facilitating transactions in restaurants that sell contemporary drinks and food. With the SQL Server database system, users can store food and drink data at any time safely.

1.1 OBJECTIVE

This Desktop Based Restaurant Application user manual was created for the following purposes:

1. Describe and explain the use of the DEJA-YOU application for users.
2. As a guide for using the DEJA-YOU application.

1.2 FEATURES

a. Multi-level login (Admin, Manager, Cashier).
b. CRUD (Create, Read, Update and Delete).
c. Filtering or Search.
d. Generate Barcode and QR Code.
e. Activity Logs
f. Generate Chart.
g. Print Income Report
h. Transaction Proof Receipt.

1.3 HARDWARE SPECIFICATIONS

To install the DEJA-YOU application, the following specifications are required:

1. Operating System: Windows 10,11.
2. CPU: Intel Celeron n4000 & AMD Ryzen Althon and above.
3. Storage: approximately 800mb.
4. RAM: 2 GB.

1.4 DOCUMENT DESCRIPTION

This book was created to provide guidance on using the Desktop-Based Restaurant Cashier application. This document contains the following information:

1.1.1 CHAPTER I

Contains general information which is an introductory part, which includes the purpose of creating the document, a general description of the system and a description of the document.

1.1.2 CHAPTER II

Contains information about how to use the features in the DEJA-YOU application.

1.1.3 CHAPTER III

Contains information regarding explanations of using the DEJA-YOU application at admin level.

1.1.4 CHAPTER IV

Contains information regarding explanations of using the DEJA-YOU application with manager level.

1.1.5 CHAPTER V

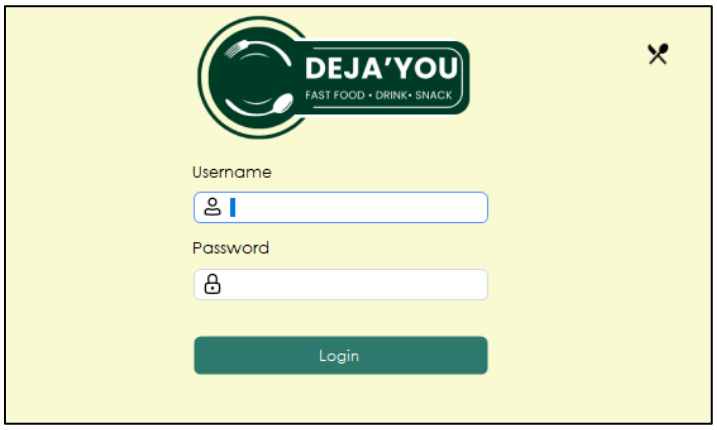
Contains information regarding the explanation of using the DEJA-YOU application at cashier level.

CHAPTER 2
FEATURES

2.1 LOGIN PAGE

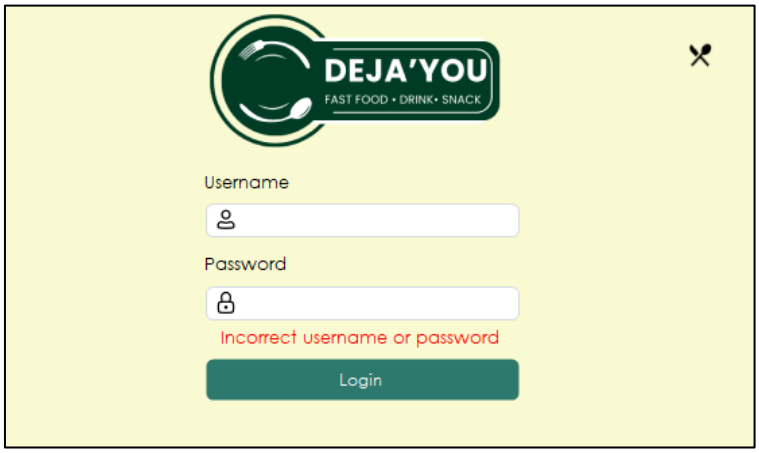
When you want to log in to the DEJA-YOU application, you must follow the following commands:

- To access this application, open the file with the .exe extension on your computer.
- Double-click on the application icon in the file.
- After that, you will be directed to the login form.



Picture 2.1 Login Page

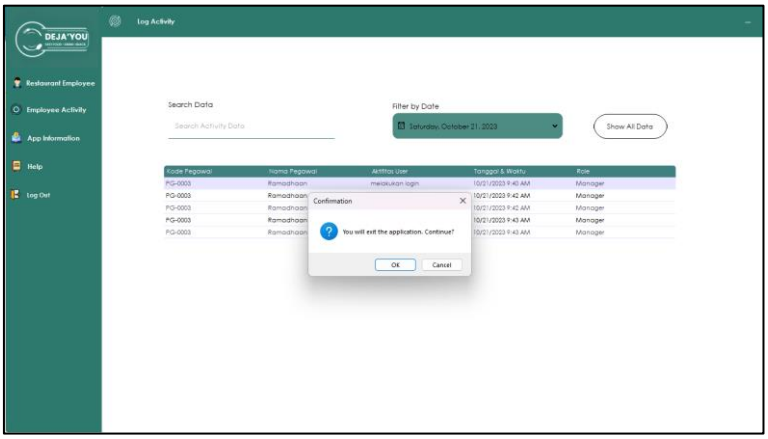
- If the Login Form appears as above, then enter or type your username and password in the textbox provided.
- If the Username or Password entered is incorrect, a text message will appear as below:



Picture 2.2 Incorrect Username or password

- If the username or password entered is correct, you will be directed to the dashboard page.

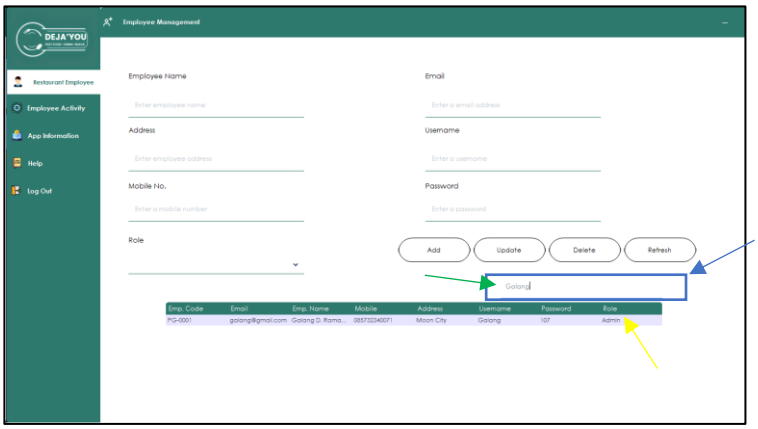
2.2 LOGOUT PAGE



Picture 2.3 Logout Page

- Open any form you want.
- In the sidebar there is a logout button
- Click the button and a message will appear as shown by the blue arrow.
- Click OK to exit the application, and
- Click CANCEL to cancel the application.

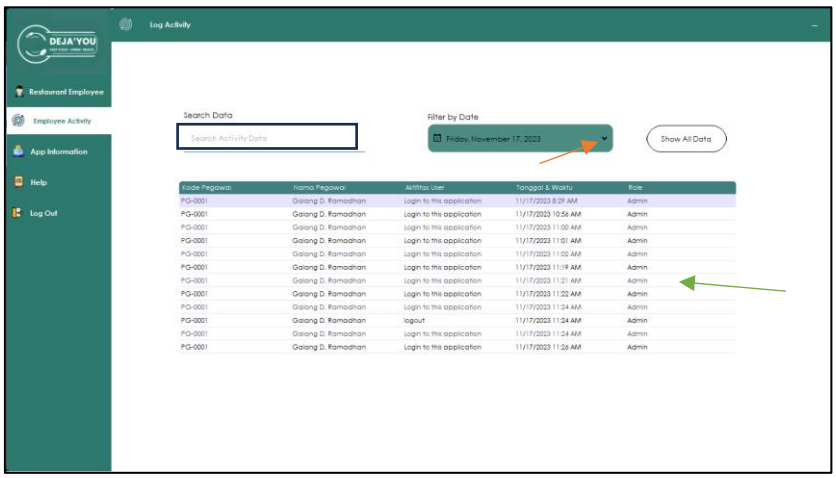
2.3 FILTERING



Picture 2.4 Data Filters

- Select any form to search for data.
- search textbox as directed by **blue arrow**.
- Type or input the data you want to search for (**green arrow**). The data sought is data contained in datagridview.
- The searched data will be displayed in the datagridview as shown by (**yellow arrow**).

2.4 LOG ACTIVITY



Picture 2.5 Activity Log

4.1.Filter Activity Log Data with Text

- Click the filter textbox **(black box)** then enter the data you want to search for
- Then, the searched data will appear in the datagridview table as shown by the **green arrow**.

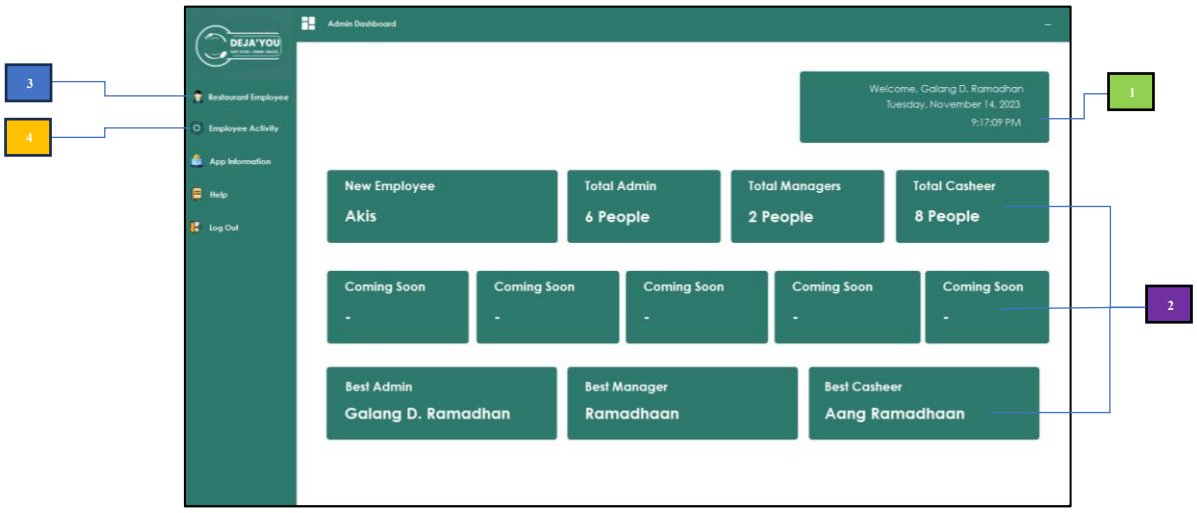
4.2.Filter Activity Log Data by Date

- Click the datetimepicker (**orange arrow**), then select the date you want to see the data for.
- Then, the searched data will appear in the datagridview table as shown by the **green arrow**.

4.3.Filter Activity Log Data with 'Show All Data' Button

- Leave the button if you want to see today's employee activity data
- Click 1x (Once) to see data on all employee activities.

CHAPTER 3
ADMIN



Picture 3.1 Admin Dashboard

If the user successfully logs in to the admin account, the user will be directed to the admin dashboard page or form as shown in the image above.

3.1 Information

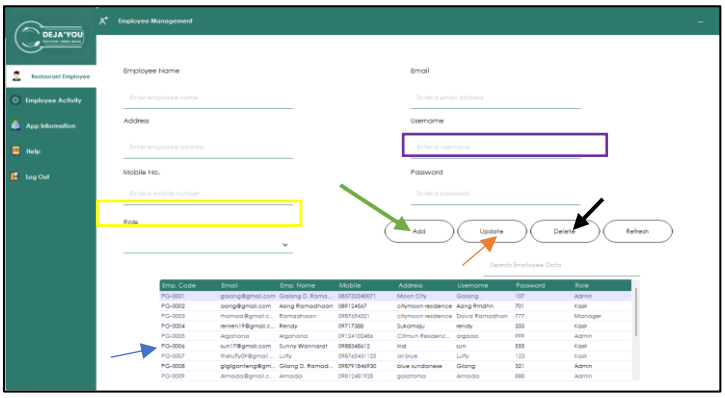
In this panel there is information about the name of the user who is running the application. In the second row there is the date and in the third row there is the time indicating (today or currently).

3.2 Data Information on count results

Panels containing information about application data such as number of employees, names of newly entered employees, best employees, and much more. These data are the results of calculations from the database.

3.3 Button 'Restaurant Employee'

To display a form which functions to manage employee data, click the 'Restaurant Employee' button then after that the form for managing restaurant employee data will appear next to the side-bar as below:



Picture 3.2 Employee Management Form

3.3.1 Add Employee Data

To add new data, you must fill in all the data into the textbox and comboBox provided. Such as, "Name, Address, Mobile Number and so on." There are several validations before entering data into the database, namely as follows:

- If you enter more than 12 syllables in the Mobile number textbox (**yellow box**), the system will display the message "You have reached the input limit!".
- If the Mobile Number textbox (**yellow box**) enters varchar or letter data, the system will reject it and then display the message "Mobile Numbers must be filled in with numbers!".
- If the input data in the Username textbox (**purple box**) is the same then the symbol (✔) to the right of the textbox and if it has nothing in common, it will display the symbol (✘).

If the data entered is deemed correct, then click the 'Add' button (**green arrow**) and the data will automatically be added to the data grid view (blue arrow).

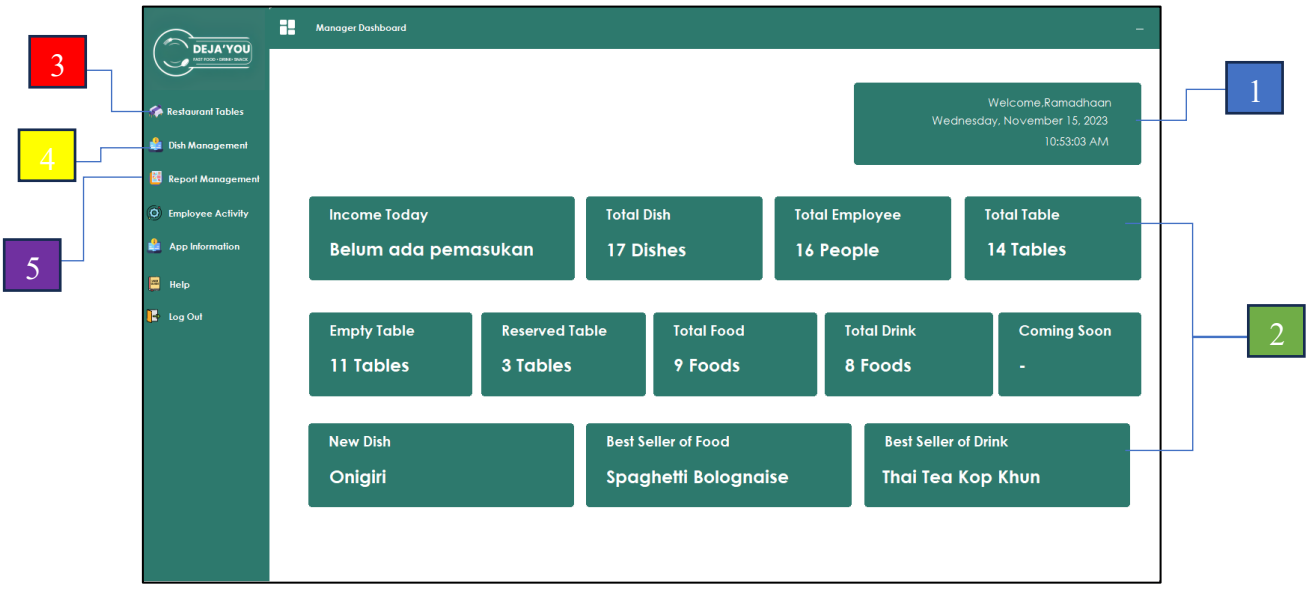
3.3.2 Edit or Update Employee Data

- Select the data to be edited by clicking one of the rows in the datagridview table (**blue arrow**) to enter the data into the textbox and comboBox.
- Change the data as desired.
- If the data is correct, then click the 'Update' button (**orange arrow**) to execute the newly edited data.
- When the data is successfully edited, the system will display the message "Successfully updated employee data".
- The Textbox and ComboBox automatically empty again as before.

3.3.3 Delete

- Select the data to be deleted by clicking one of the rows in the datagridview table (**blue arrow**) to enter the data into the textbox and comboBox.
- If you are sure to delete, then click the 'Delete' button (**black arrow**) to execute the data to be deleted.
- When the data is successfully deleted, the system will display the message "Successfully deleted employee data". Then the Textbox and ComboBox automatically empty again as before.

CHAPTER 4
MANAGER



Picture 4.1 Manager Dashboard

If the user successfully logs in to the Manager account, the user will be directed to the Manager dashboard page or form as shown in the image above.

4.1 Information

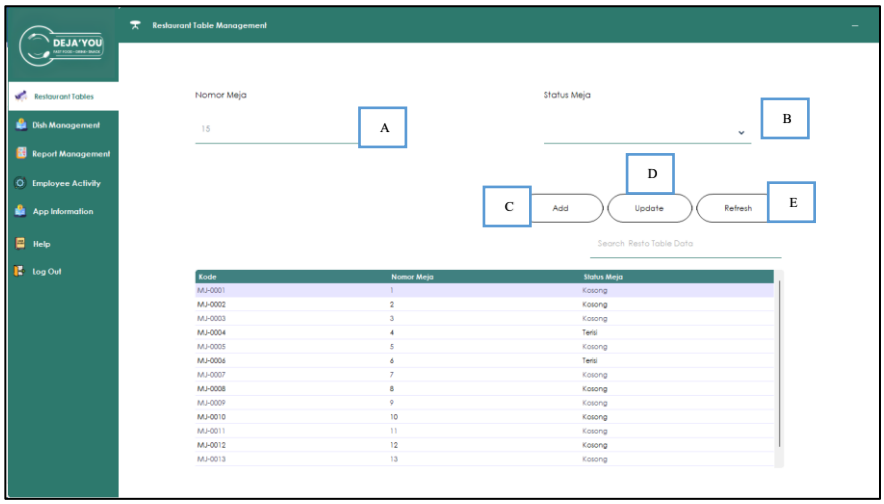
In this panel there is information about the name of the user who is running the application. In the second row there is the date and in the third row there is the time indicating (today or currently).

4.2 Data Information on count results

Panels containing information about application data such as today's income, newly entered menu names, number of menus, number of employees, number of tables, and much more. These data are the results of calculations from the database.

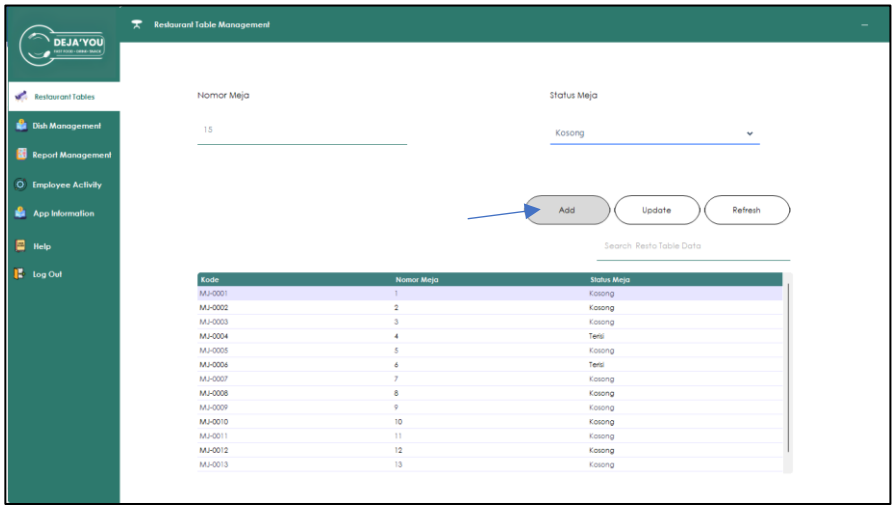
4.3 Button 'Restaurant Tables'

To display the form which functions to manage restaurant table data, click the 'Restaurant Tables' button then after that the form for managing restaurant table data will appear next to the side-bar as below:



Picture 4.2 Form for Managing Restaurant Table Data

4.3.1 Add

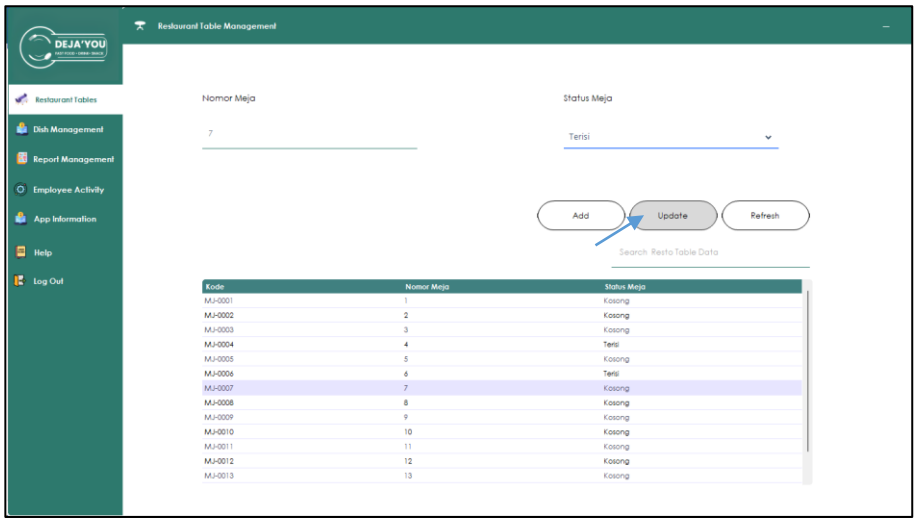


Picture 4.3 Insert Restaurant Table Status

- Users do not need to input table numbers. Because it has been set automatically by the system.
- The next step, the user only needs to select the table status option as shown by the **blue arrow**.
- Then, click the 'Add' button to execute the new data.
- After successful execution, the message "Successfully Add New Table data" will appear.

4.3.2 Updates

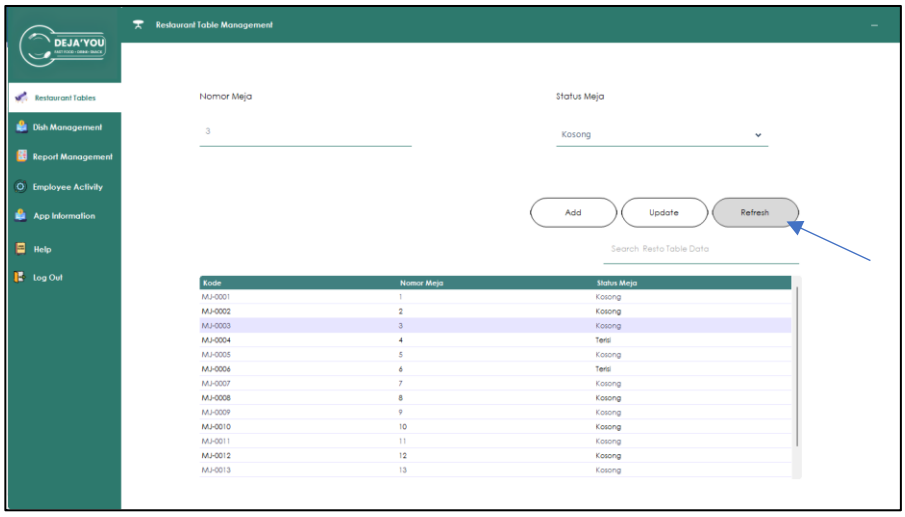
- Select the data to be edited by clicking one of the rows in the datagridview table (**blue arrow**) to enter the data into the textbox and comboBox.
- The next step, the user can only select the table status option as shown by the **blue arrow**.
- Then, click the 'Update' button to execute the edited data.
- After successful execution, the message "Successfully Updated Table data" will appear.



Picture 4.4 Update Restaurant Table Status

4.3.3 Refresh

Users can empty data or clean combobox data by clicking the 'Refresh' button as follows:

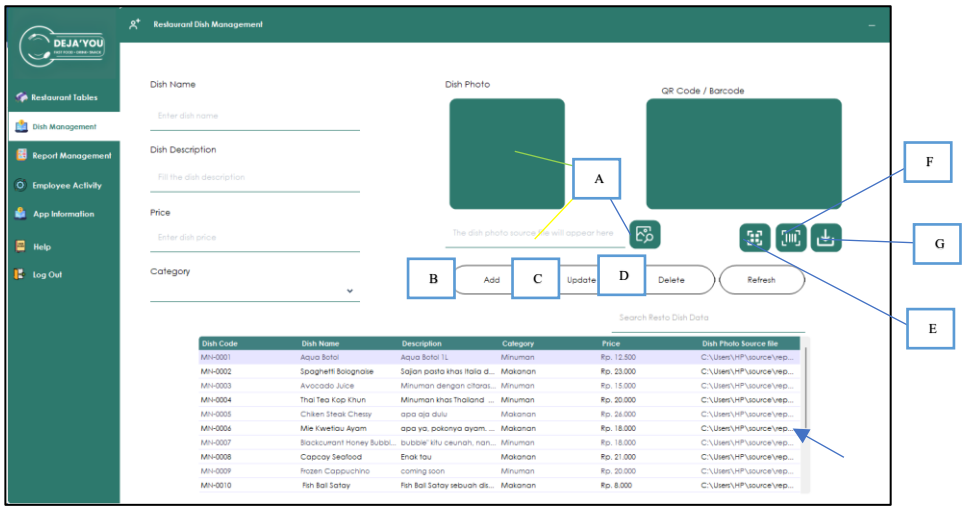


Picture 4.5 Refresh Restaurant Table Field

After clicking, the table status combobox will be empty again as before.

4.4 Button 'Dish Management'

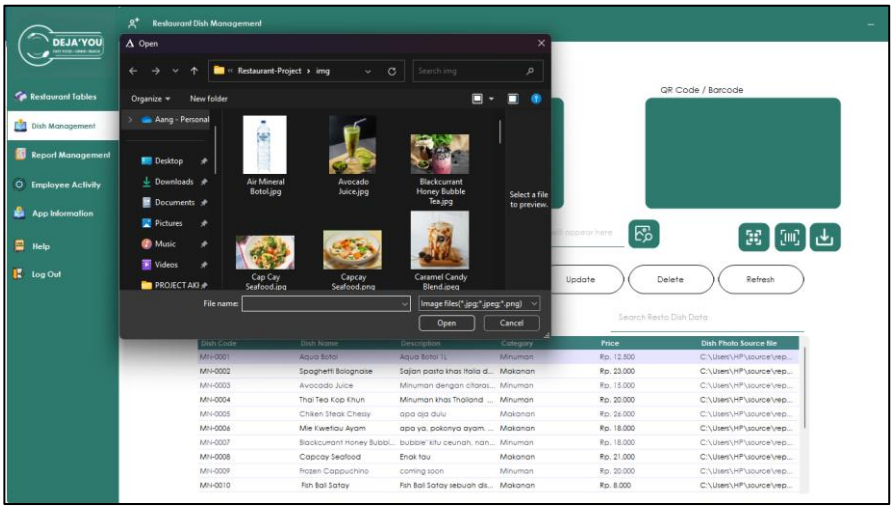
To display the form which functions to manage restaurant menu data, click the 'Dish Management' button then after that the restaurant menu data management form will appear next to the side-bar as below:



Picture 4.6. Dish Management

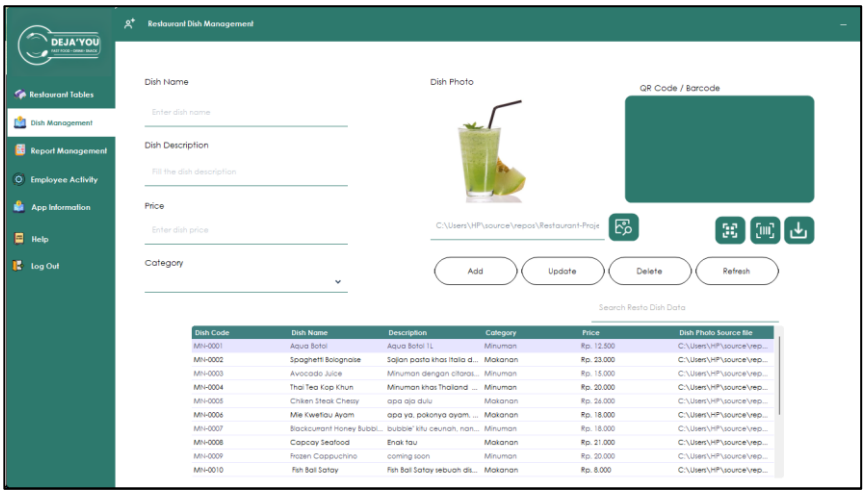
4.4.1 Add Dish Photo

- Click the 'Search Image' Button **A (Blue Line)**.
- Then you will be directed to the file explorer to retrieve the photo file. See the following picture:



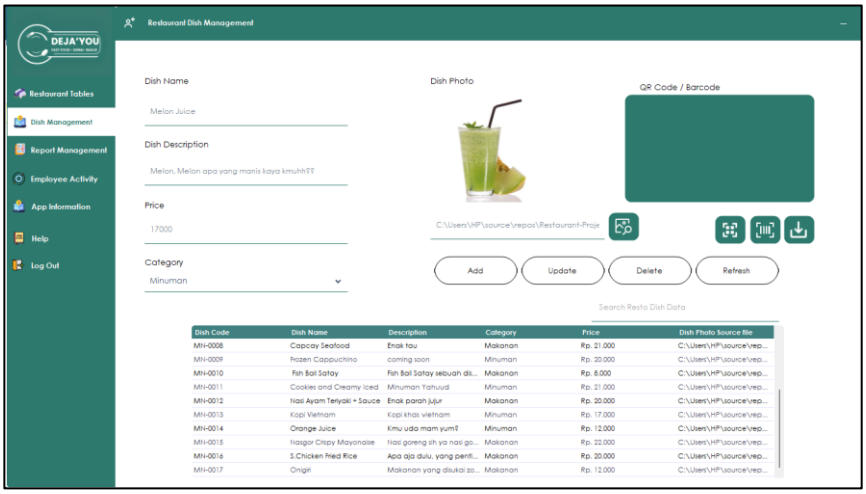
Picture 4.7. Add Dish Photo

- Select one of the photo files to insert into the application. Then click 'Open'.
- The photo you selected earlier will appear in the pictureBox **A.(Green Line)** and the storage path will appear in the source file textbox **A.(Yellow Line).** Like the picture below:



Picture 4.8. Result Add Dish Photo

4.4.2 Insert



Picture 4.9. Insert Dish Data

- Click Textbox, then fill in all the data.
- To fill in the category field, users only need to select the options provided.
- Then, select File Photo.
- If everything is filled in, click the 'Add' button to execute the new data.
- After successful execution, the message "Successfully Add New Dish data" will appear.

4.4.3 Updates

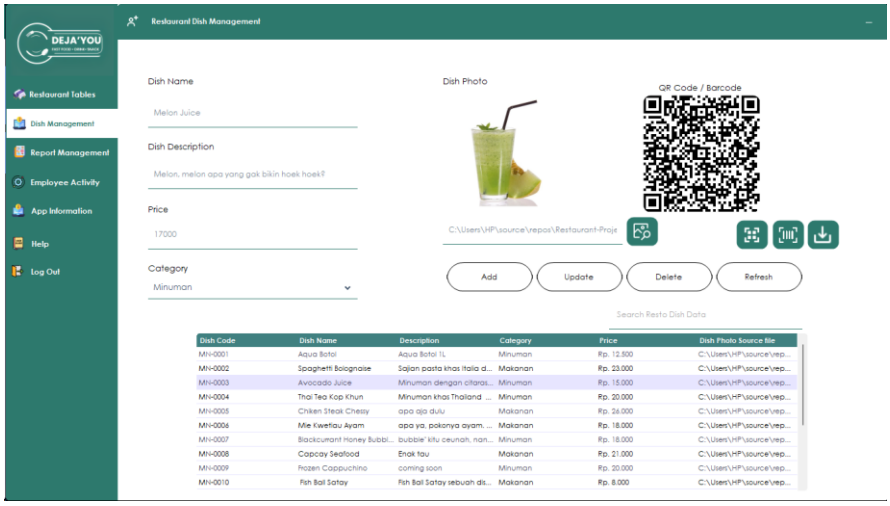
- Select the data to be edited by clicking one of the rows in the datagridview table (**blue arrow**) to enter the data into the textbox and comboBox.
- Users can change any data as they wish.
- If you are sure that it will be edited, then click the 'Update' button to execute the data that will be changed.
- After execution the system will display the message "Successfully Updated Dish Data"

4.4.4 Delete

- Select the data to be edited by clicking one of the rows in the datagridview table (**blue arrow**) to enter the data into the textbox and comboBox.
- Users can change any data as they wish.
- If you are sure that it will be edited, then click the 'Update' button to execute the data that will be changed.
- After execution the system will display the message "Successfully Updated Dish Data"

4.4.5 Generate QR Code

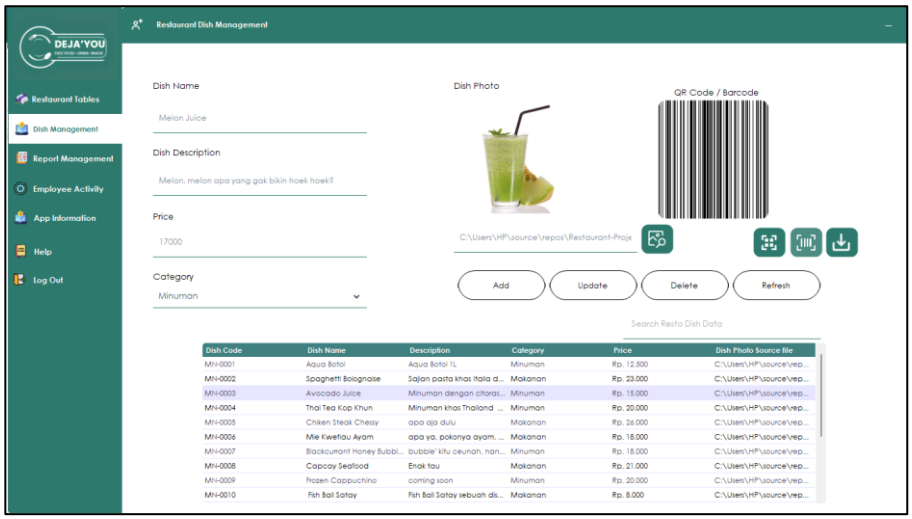
- Before pressing the Generate QR Code button ( ), the user must first fill in the empty text box. Or, the user can also click on one of the rows in the datagridview table to create a QR code.
- If the textbox is all filled in, the user can click the generate QR Code button.
- The QR Code will appear in the picturebox provided.



Picture 4.10. Generate QR Code

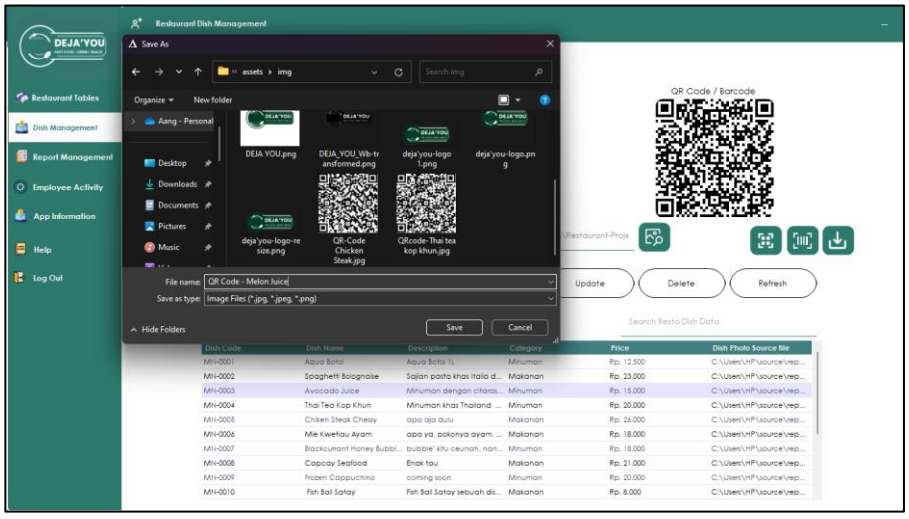
4.4.6 Generate Barcode

- Before pressing the Generate Barcode button ( ), the user must first fill in the empty text box.
- Or, users can also click on one of the rows in the datagridview table to make it a barcode.
- If the Textbox is all filled in, the user can click the generate Barcode button.
- The barcode will appear in the picture box provided.



Picture 4.11. Generate Barcode

4.4.7 Save Barcode or QR Code

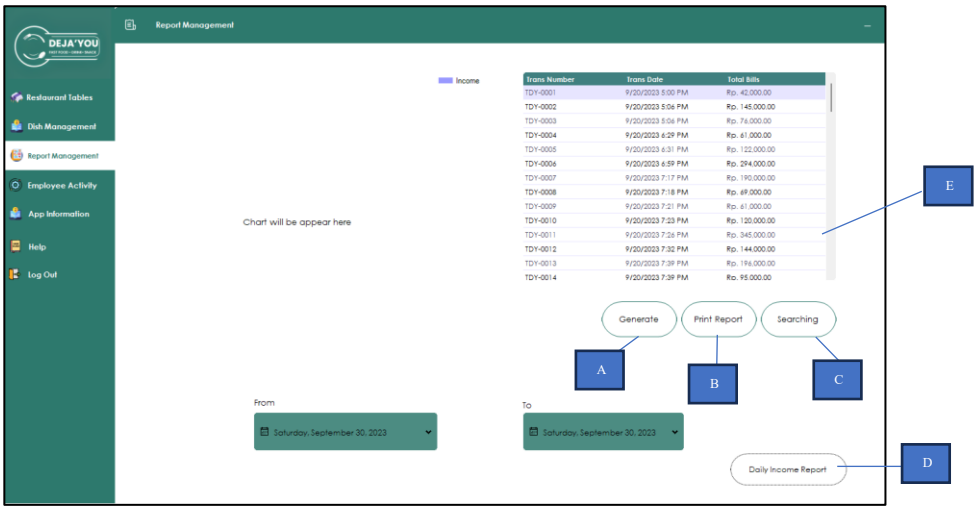


Picture 4.12. Result Add Dish Photo

- Users must first fill in the picture box for the QR Code/Barcode in the same way as the previous procedure.
- If it has been filled in, the user can click the Save button ().
- When clicked, the user will be directed to the explorer file to save the QR Code/Barcode.
- Users can save it in any folder.
- When you have found a folder to save, click the 'Save' button
- After successful saving, the system will display the message "Image Saved Successfully".

4.5 Button 'Report Management'

To display the form which functions to manage restaurant revenue data, click the button that says 'Report Management' then after that the restaurant revenue data management form will appear next to the side-bar as below:



Picture 4.13. Report Management Page

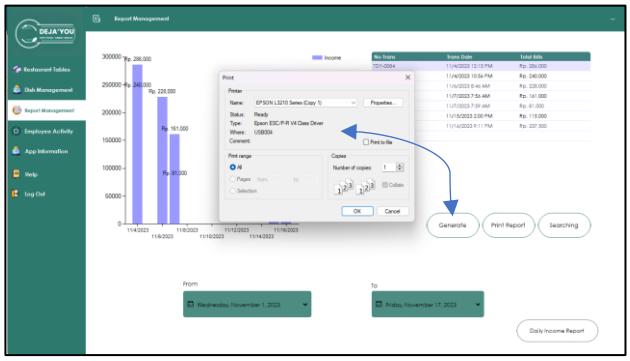
4.5.1 Generate Chart

- Users can immediately click the 'Generate' button to bring up the chart, but the appearance will be very irregular. Because all data enters the chart without being filtered.
- Therefore, it is recommended that users filter the data first.
- You can see the difference from the following picture:

Picture 4.14. Chart without filtering

Picture 4.15. Chart with filtering

4.5.2 Print Report



Picture 4.16. Print Page

- Users simply click the 'Print Report' button to print the data.
- Then a pop up dialog will appear as above. Then click 'OK' to print the report.

4.5.3 Search Data

Before pressing the 'Searching' button, the user must filter the data through the date provided with the datetimepicker:

Picture 4.17. Datetimepicker for filter

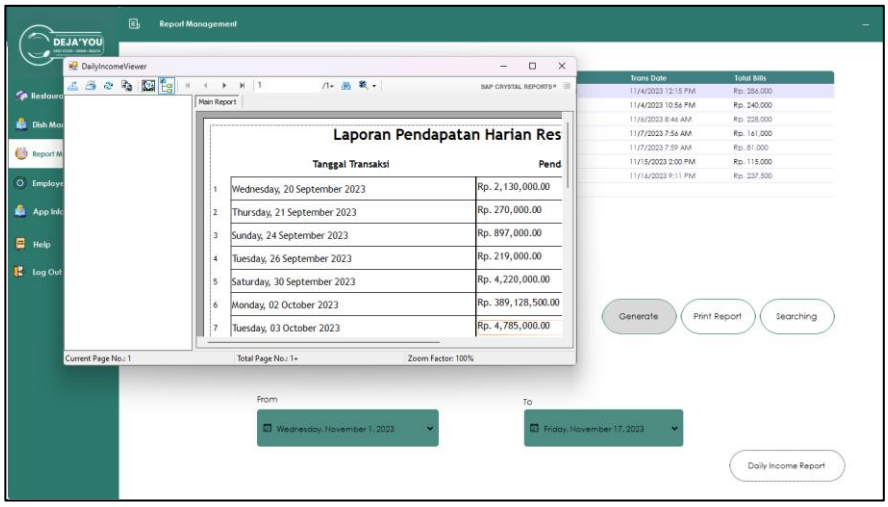
For the left datetimepicker, select the start date or from when the income will be shown. And for the datetimepicker on the right, it is the end date or until when the opinion will be shown.

If the date has been set correctly, the user can click the 'Searching' button to search for the filtered data.

Then, the filtered data will appear in the datagridview table indicated by the letter (E).

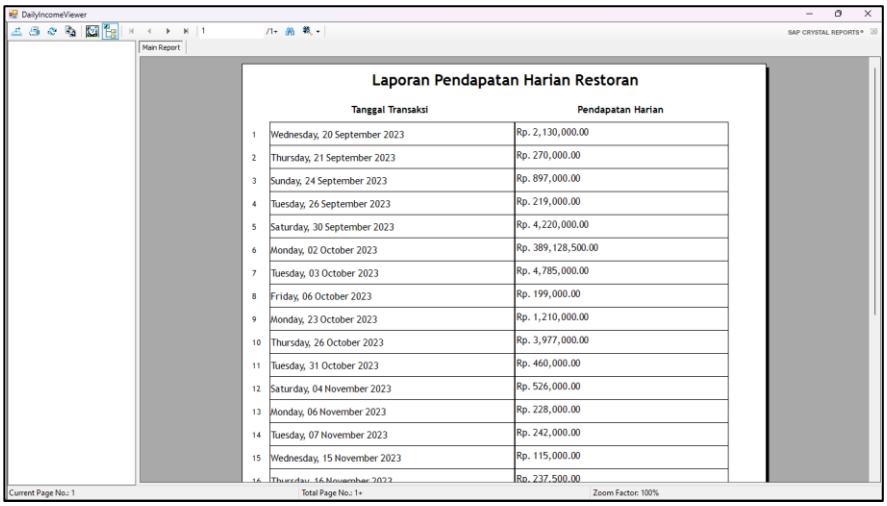
4.5.4 Daily Income Report

- To print a daily income report, the user only needs to click the 'Daily Income Report' button.
- Then a pop up report will appear like this:



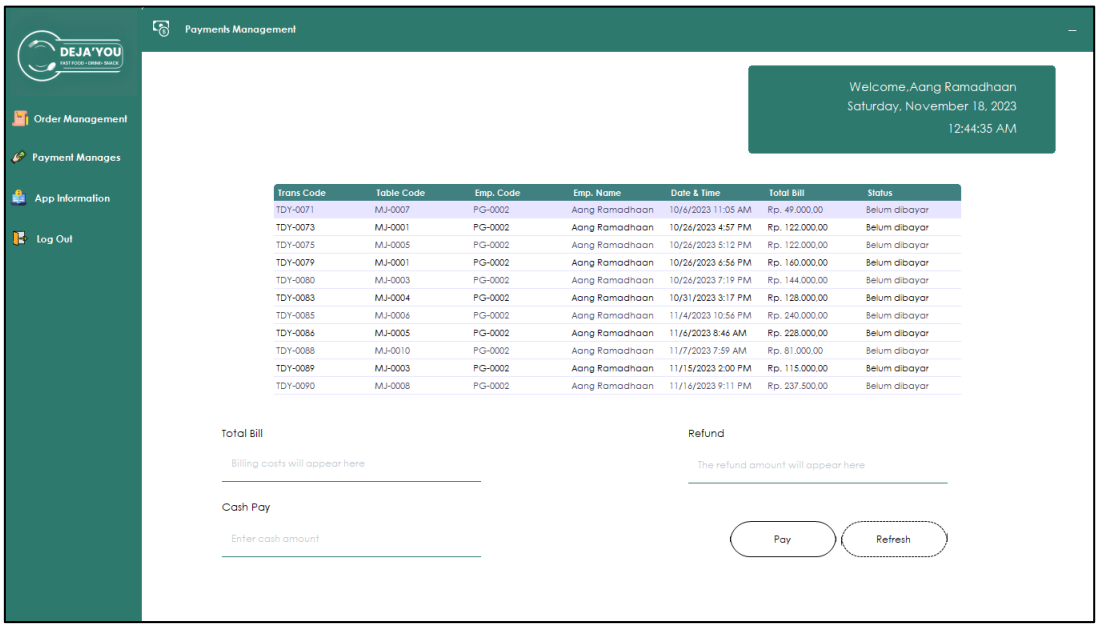
Picture 4.18. Report page after payment

- Users can increase the size of the report by pressing the maximize button ( ).
- So the size of the report will be like this:



Picture 4.19. Report full page

CHAPTER 5
CASHIER



Picture 5.1. Cashier Dashboard

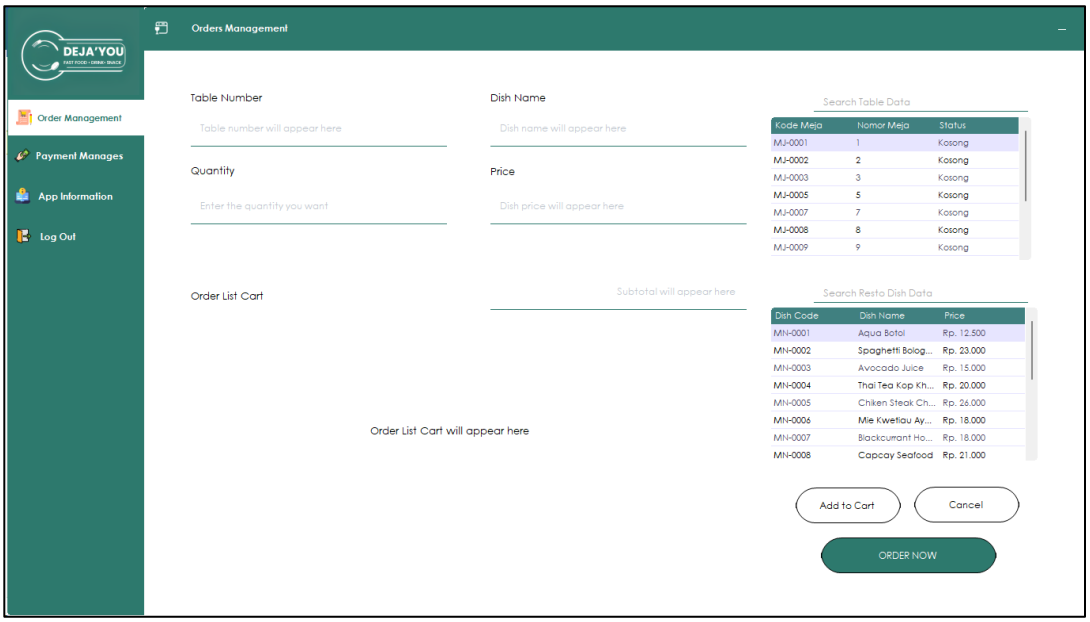
If the user successfully logs in to the cashier account, the user will be directed to the payment page or page as shown in the image above.

5.1 Information

In this panel there is information about the name of the user who is running the application. In the second row there is the date and in the third row there is the time indicating (today or currently).

5.2 Button 'Order Management'

To display a form which functions to manage order data, click the 'Order Management' button then after that the order data management form will appear next to the side-bar as below:



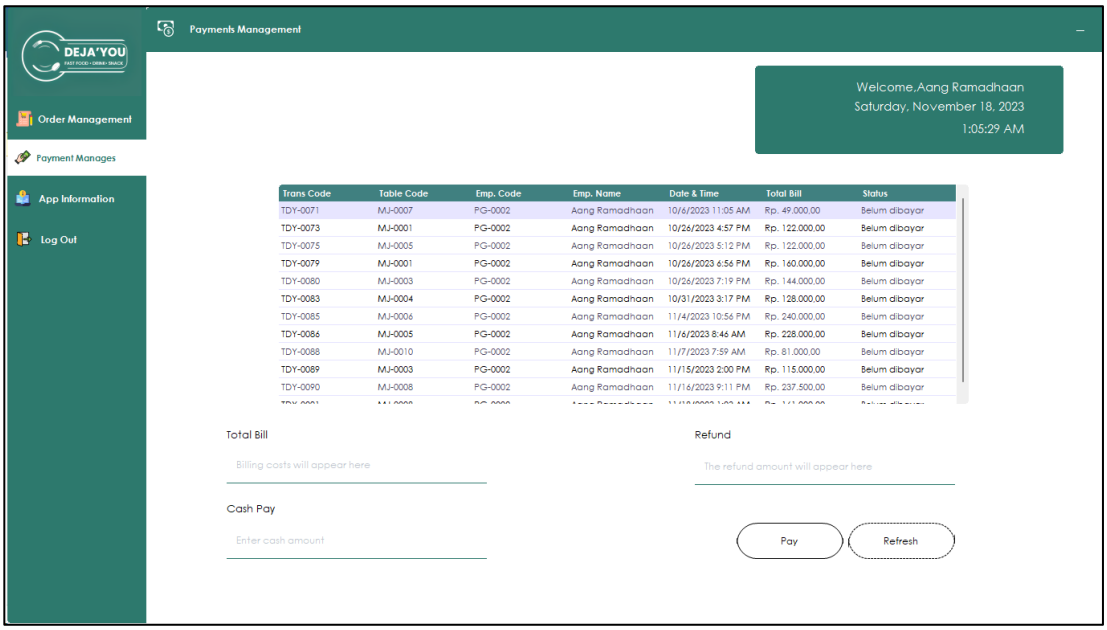
Picture 5.2. Order page

— How do you order from the menu?

- To order a menu, the first step the user must take is to select a table. Namely by clicking on one of the table data rows from the datagridview table (blue arrow). *(Warning: Table data can only be selected once, if you cancel the selection then press the 'Cancel' button).
- Next, choose the menu to order. The method is the same as choosing a table.
- Then enter the number of menu items you want to order.
- If so, click 'Add to Cart' to enter the order data into the basket. *(Warning: Food data is entered one by one, you cannot enter 2 at the same time into the basket.)
- Repeat steps 2-3 if you want to order more than 1 type of menu.
- When the order is ready, click the 'Order Now' button to enter the order data into the database and then convert it into billing data.
- Finally, when you have entered the database the system will display the message "Successfully Ordered Dish".

5.3 Button 'Payment Management'

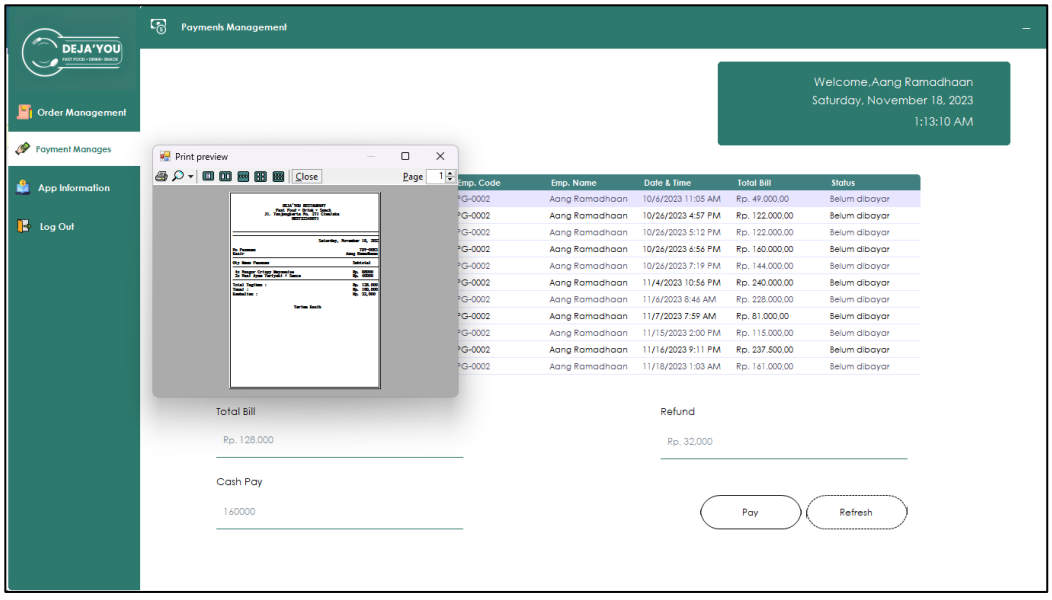
To display a form which functions to manage billing data, click the 'Payment Manages' button then after that the billing data management form will appear next to the side-bar as below:



Picture 5.3. Payment Page

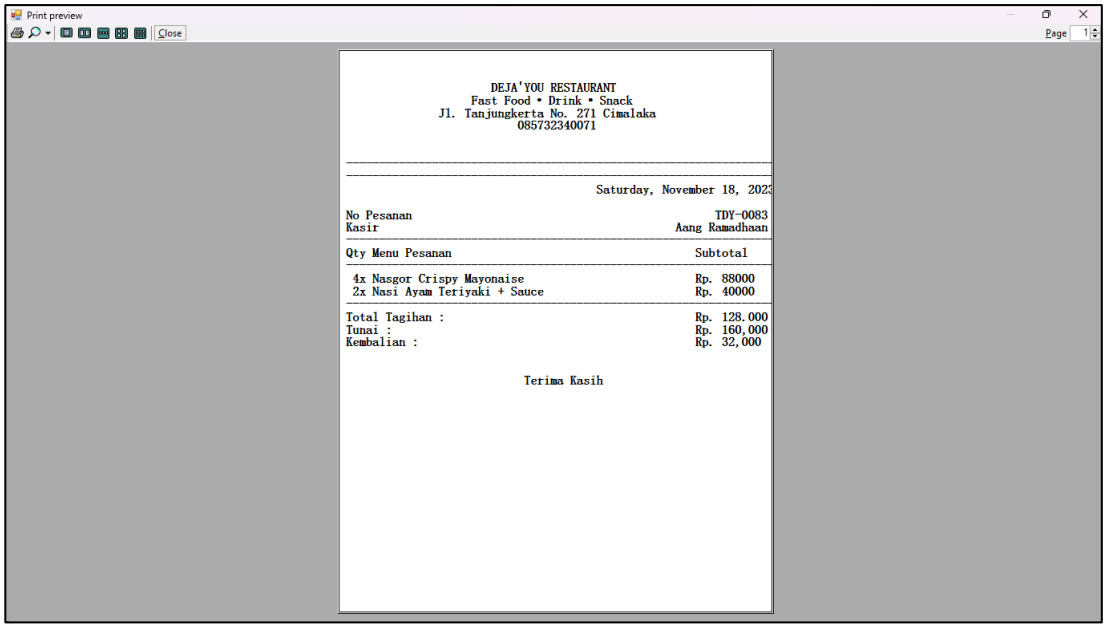
— How do I pay for orders?

- In the form, billing data is provided in tabular form. So what must be done is:
- Select one of the data that will be paid by clicking on the data row so you can fill in the 'Total Bill' textbox.
- Next, enter the nominal payment in the 'Cash Pay' textbox.
- If the money is less than the total bill, it will display the message 'The money can't be less than the total bill'.
- If the money is right then the transaction can take place.
- If the money is more than the total bill, the nominal amount of money returned will appear in the 'Refund' Textbox.
- After the transaction is successful, the message 'Payment Successful' will appear. Then, a pop up transaction result receipt is displayed. As in the following picture:



Picture 5.4. Payment page with report

- Users can increase the size of the report by pressing the maximize button ( )
- Then the receipt will look like this:



Picture 5.5. Report full page