

Module 2: Order Form Development

1. Database and Project Creation

Import the pre-made SQL script given to you to your local Microsoft SQL Server database server. The database should be named “**DB_PC_XX_Module2**”, where **XX** is your PC number. Afterwards, import all the data given in the excel file.

Create a new Visual Studio Project on your local machine named “**Project_PC_XX_Module2**”, where **XX** is your PC number.

2. Order Form

- ✓ Display live date and time in the left corner of the form.
- ✓ Table can be changed by selecting from the dropdown. There are 10 tables in the restaurant.
- ✓ Show customer name beside the table. This field can be edited or cleared. This field cannot be leaved empty, except there is no item in the order list.
- ✓ Menu can be searched by name on the right corner of the field.
- ✓ Display menu based on chosen category in the bottom side. Favourite button shows all menu that marked as favourite. Others category will show menu which is not Foods, Drinks, or Snacks.
- ✓ When a menu is chosen, display Add Order pop-up. The added menu will be shown in the order list. Calculate the estimated price.
- ✓ When an order is clicked, display Add Order pop-up. Re-calculate the estimated price after the order is modified.
- ✓ All changes made in this form is real time, therefore it does not need button trigger to save the data into database.

Friday, 18 October 2019
13:30:05

TABLE 4
Budiman

SEARCH MENU

Favourite

BEEF MARTABAK
55

With sour sweet sauce and pickles

GADO GADO
50

Mixed boiled vegetable served with rice cake and peanut sauce

SPAGHETTI BOLOGNAISE
97

Spaghettie with minced beef and tomato sauce

TROPICAL PUNCH
40

The perfect blend of cherry, orange and pineapple flavor

Time	Name	Quantity	Price
13.28	Beef Martabak	1	55000
13.28	Gado gado	2	100000
Total			155000

Favourite

Foods

Drinks

Snacks

Others

Figure 4. Order Form

3. Add Order Pop-up Form

- ✓ When shown after user clicks a menu, this form can be used to add quantity to the order. If the menu has been added before, any notes written here will be added to the previous one.
- ✓ When shown after user clicks an order, this form can be used to modify quantity of the order. Reducing the quantity to 0 will change the OK button to REMOVE button, thus removing the item from the list. Otherwise, it will update the quantity and notes if any.

BEEF MARTABAK
55

With sour sweet sauce and pickles

NOTES

-
1
+

OK

CANCEL

Figure 5. Add Order Pop-up Form