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.

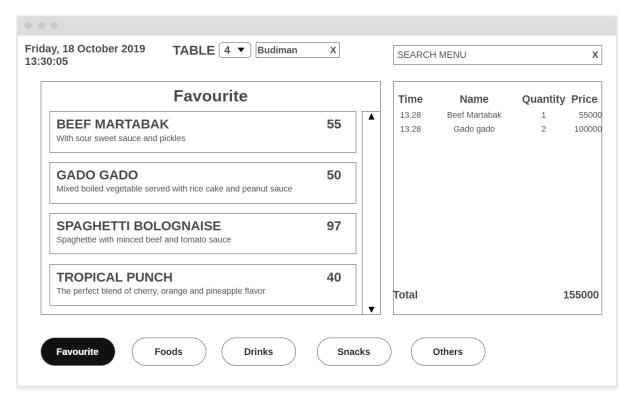


Figure 4. Order Form

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.

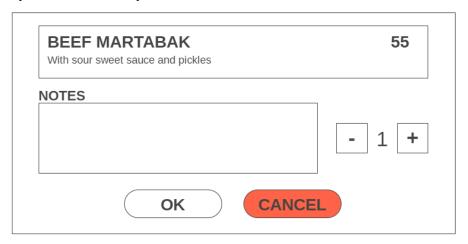


Figure 5. Add Order Pop-up Form