

APPLICATION DEVELOPMENT 1 (DESKTOP)

Assignment 1

GitHub: <https://github.com/LeahFu/WLH-Assignment1.git>

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1.The Admin window.

When click any line of the product list table, the text boxes will be automatically filled by the data which you select. You can use <Clear> button to clear all contents of the text boxes.

The screenshot shows a desktop application window titled "Admin". Inside, there's a section titled "Farmer's Shop Product". It contains a table with the following data:

ProductID	ProductName	Amount	Price
100001	Banana	60	1.20
124567	Apple	100	2.10
125678	Raspberry	25	2.35
238901	Cauliflower	24	2.22
345678	Orange	50	2.49
456732	Blueberry	29	1.45

Below the table, there are four text boxes labeled "Product ID", "Product Name", "Amount(kg)", and "Price(CAD/kg)". The "Product ID" box contains "125678", "Product Name" contains "Raspberry", "Amount(kg)" contains "25", and "Price(CAD/kg)" contains "2.35". Below these boxes are five buttons: "Search", "Insert", "Update", "Delete", and "Clear". At the bottom right, there is a "Start Shopping>>" button.

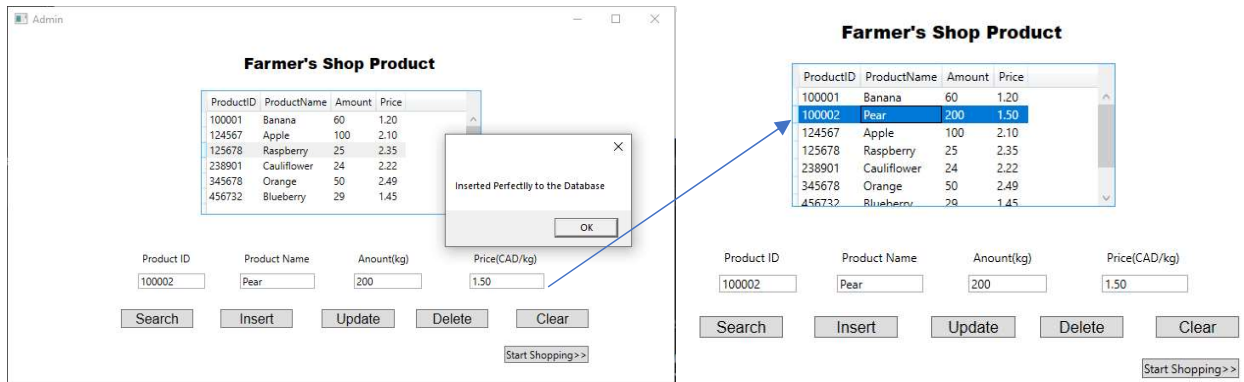
- **Search**

Input Product ID, then click the <Search> button, the Product Name, Amount, Price will be displayed.

The screenshot shows the same desktop application window. In this state, the "Product ID" box contains "456732", "Product Name" contains "Blueberry", "Amount(kg)" contains "29", and "Price(CAD/kg)" contains "1.45". The "Search" button is highlighted, indicating it was just clicked. The table data remains the same as in the previous screenshot.

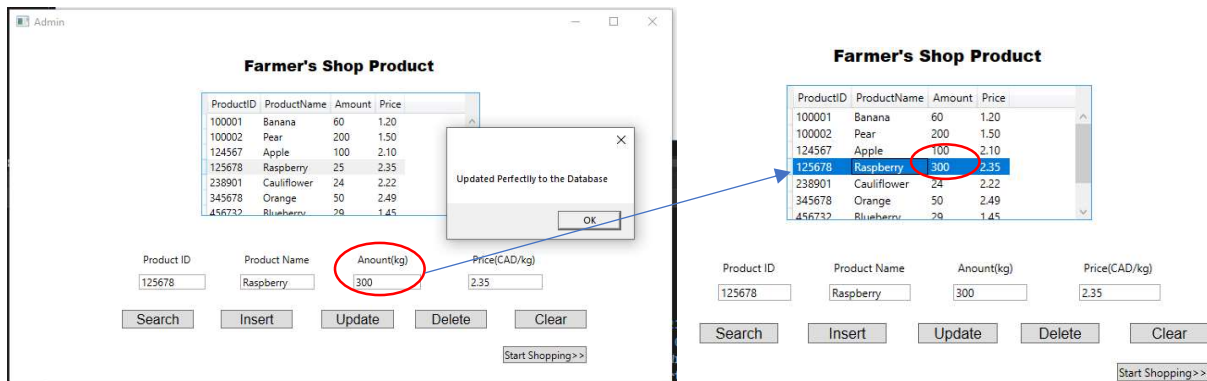
- **Insert**

Input Product ID, Product Name, Amount, Price, then click the <Insert> button, when insert succussed, it will pop-up success dialogue box, and a new record add to database.



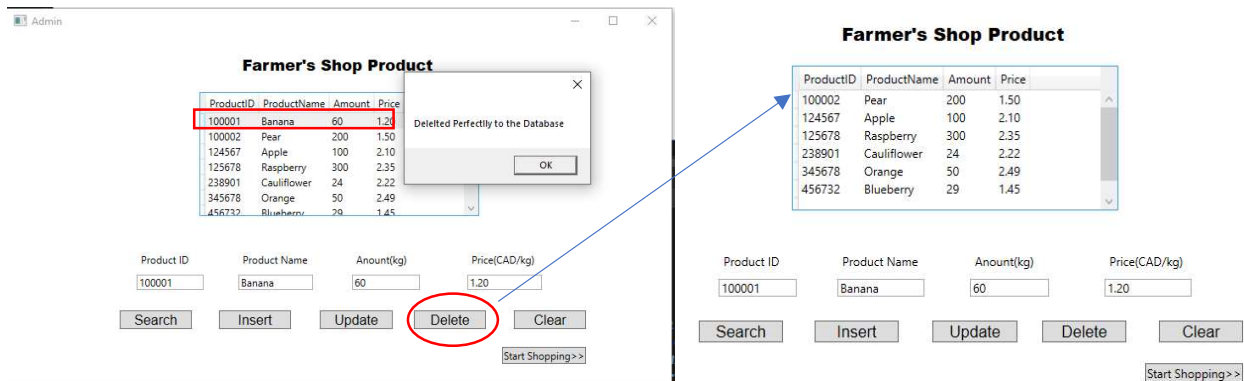
- **Update**

Select any record of the list ,then modify any attribute you want, then click the <Update> button, when update succussed, it will pop-up success dialogue box, and this record will be updated in database.



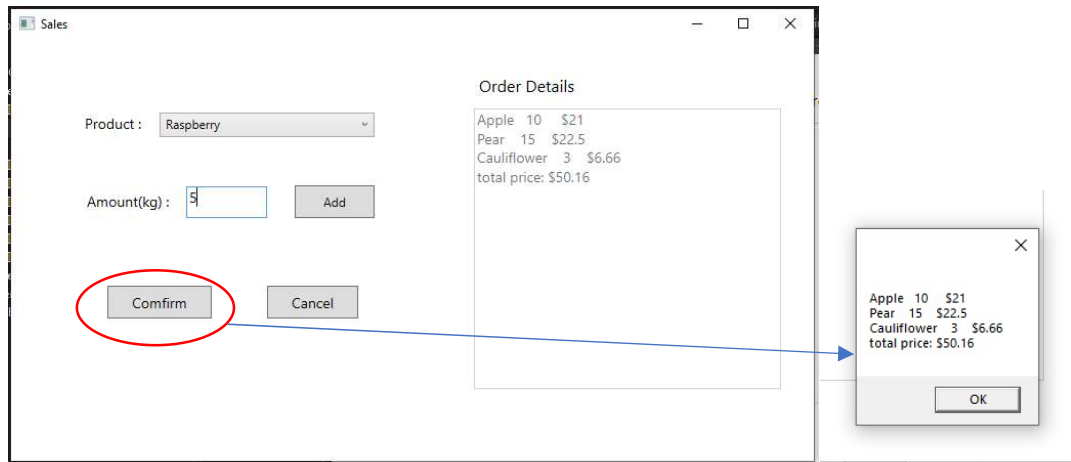
- **Delete**

Select any record of the list, then click the <Delete> button, when update succussed, it will pop-up success dialogue box, and this record will be deleted in database.



2. The Sales window.

Through the ComboBox we can choose the product we want, then input the amount, click <Add> button, it will be added to the right field and at the same time it will calculate the total price, when finish adding, click the <Confirm> button, it will pop out a dialogue box. Once confirm, the Amount of Product database will be reduced. If not confirm, it will not be reduced.



Original data:

	ProductID	ProductName	Amount	Price
▶	100002	Pear	185	1.50
	124567	Apple	80	2.10
	125678	Raspberry	300	2.35
	238901	Cauliflower	21	2.22
	345678	Orange	50	2.49
	456732	Blueberry	29	1.45
⚙	NULL	NULL	NULL	NULL

After ordering:

	ProductID	ProductName	Amount	Price
▶	100002	Pear	170	1.50
	124567	Apple	70	2.10
	125678	Raspberry	300	2.35
	238901	Cauliflower	18	2.22
	345678	Orange	50	2.49
	456732	Blueberry	29	1.45
⚙	NULL	NULL	NULL	NULL