

## Form Design

Customer Name	<input type="text"/>
Product	<input type="text" value="↓"/>
Rate	<input type="text"/>
Unit	<input type="text"/>
Qty.	<input type="text"/>
Discount (%)	<input type="text"/>
Net Amount	<input type="text"/>
Total Amount	<input type="text"/>
<input type="button" value="+ ADD"/>	

Product	Rate	Unit	Qty	Disc%	Net Amt.	Total Amt.	Action
<input type="text" value="↓"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	X REMOVE
							X REMOVE

## Symbolic Notation

<input type="text"/>	Textbox
<input type="text" value="↓"/>	Dropdown List
<input type="text"/>	Label
<input type="button" value=""/>	Button

# **Database Schema**

## **1.Product\_Master**

Product\_ID – Primary Key

Product\_Name

Rate

Unit

## **2. Invoice\_Master**

Invoice\_Id

Invoice\_no

Invoice\_Date

CustomerName

TotalAmount

## **2. Invoice\_Detail**

InvoiceDetail\_Id

Invoice\_Id

Product\_Id

Rate

Unit

Qty

Disc\_Percentage

NetAmount

TotalAmount

## **Description**

As shown above you need to create 1 single form with field details as below.

Customer Name: User defined text box user can enter name

Product: You need to fill dropdown list from database from **Product\_Master** Table. Pre enter 3-4 product in Product\_Master table that created as per schema

Rate: On basis of product selected auto fetch Rate relevant to product

Unit: On basis of product selected auto fetch unit relevant to product

Qty.: User Defined text box user can enter qty of product

Disc %: User Defined text box user can enter Disc% of product

Net Amount: On basis of Rate, Disc% auto calculate Net Amount,  $(\text{Rate} - \text{Disc\% Of Rate})$

Total Amount: On basis of Net Amount and Qty auto calculate Total Amount,  $(\text{Net Amount} * \text{Qty})$

After this if user press Add button display that records to grid (note: you should not store in database until final save button is pressed)

In grid also give option to update/remove record by changing value/ remove link.

On Final Submit button save data in database as per below logic.

**Invoice\_Master table,**

Invoice\_id – Primary Key (Auto Increment / NEWID())

Invoice\_No - Last Invoice No + 1

Invoice\_Date - Current Date

CustomerName – User Entered in Customer Name Field in form

Total Amount – Sum of Total Amount of all product added

**Invoice\_Detail Table,**

Invoicedetail\_id – Primary Key (Auto Increment / NEWID())

Invoice\_id – Reference Id of Instered in Invoice\_Master

Product\_Id – Id of Selected Product

Rate – As per data added in form

Unit - As per data added in form.

Qty - As per data added in form

Disc% - As per data added in form

NetAmount - As per data added in form

TotalAmount - As per data added in form