Screen shot	Directions
Internet Mozilla Firefox Imail Imail	Open SQL Server Management Studio
Microsoft SQL Server Management Studio File Edit View Project Table Designer Tools W New Query Image: Security Object Explorer Image: Security	Navigate to Database, and select 'New Database Diagram'

Add Table				? X	
Tables Customer OrderDetails Orders Product ProductType	[Refresh	Add	Close	Select Table and press Add button
Adding a relatio Right click the " Relationship dia	nship Manj log.	among tables y" Table as They	don't allov	v to change f	oreign key table in
Orders OrderID CustomerID	8 44	Table View Set Primary Key	*	-	



Foreign Key Relation	onships white:		
FK_Order2 Cust	songs s_Orders iomer	Editing properties for existing relationship.	Foreign Key Relationship dialog box will appear, press add button and you will find details appear on right pane of dialog box.
Add	Delete]	se

Now click the open dialog button on right of "Table And Columns Specification" from right pane of dialog box.

For creating relationship between Orders and Customer, CustomerID is used. Select Table "Customer" for Primary Key Table and table "Orders" for Foreign Key.

Relationship name:	
FK_Orders_Customer	
Primary key table:	Foreign key table:
Customer	- Orders
CustomerID	CustomerID

And press ok button to create relationship between two table.

Advantage of creating relationship

- It will not allow to enter orders details without customer information. That is it allow to enter orders details of valid customer.
- It will not allow to delete customer information, until all details associated with customer is delete.
- You may change setting as per your need by selecting No from dropdown of "Enforce for Replication" and "Enforce foreign key constraint"

Similarly you need to create relationship between remaining tables.

- 1 Customer can place Many Orders
- 1 Order can have Many OrderDetails
- 1 Product can be in Many OrderDetails
- 1 ProductType consist of Many Product

At the end Relationship diagram looks as under



When you are dealing with large database with 100's of table, you can change the view of table by selecting all table with "ctrl+A" and right clicking any of selected table and change its views so that it is convinent to view.



A sample diagram will now look as under



References:

http://dotnetguts.blogspot.com/2007/10/basics-of-sql-server-2005.html