



Pet System – Practical Workshop 11

The diagram in the appendix, represent a Pet database – a database that stores information about pets in a pet shop. In this workshop, we are to implement the *Supplier - MerchandiseOrder* relationship using Visual Studio.

1. Create a new VS solution titled *PetSystem*
2. Add a database called *PetDBSystem* to model the *Supplier - MerchandiseOrder* relationship.
3. Enter the following data in the Tables in your *PetDBSystem* database

dbo.Supplier [Data]							
	SupplierID	Name	ContactName	Phone	Address	ZipCode	CityID
▶	1	Hardin	Fannie	6065681851	89 Sweeping Rd	40403	7926
	2	Fugate	Jody	6156259479	787 Park Street	37172	10896
	3	Banda	Amina	012563789	32 Lesotho Rd	012	012
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

dbo.MerchandiseOrder [Data]					
	PONumber	OrderDate	ReceiveDate	SupplierID	ShippingCost
	1	2013/06/03 00:0...	2013/08/03 00:0...	1	1500
▶	2	2020/12/20 00:0...	2021/01/05 00:0...	3	800
*	NULL	NULL	NULL	NULL	NULL

4. Create the Supplier class. Ensure the program can be expandable in future, to include for example Customers.
5. The program needs *PetDB* class which initiates connection to the datasource. Write the class and ensure it is the main class that talks to the datasource in terms of updating the datasource.
6. Debug the program to ensure there are no errors.

Appendix

