

```

        while (dr.Read())
        {
            Customer customer = new Customer();
            customer.Name =
                SQLHelper.CheckStringNull(dr["Name"]);
            customer.PhoneNumber =
                SQLHelper.CheckStringNull(dr["PhoneNo"]);
            customer.Address =
                SQLHelper.CheckStringNull(dr["Address"]);
            customer.ID =
                SQLHelper.CheckIntNull(dr["ID"]);
            cuList.Add(customer);
        }
    }
    return cuList;
}
} //end class
}

```

Here, we have used the `SqlHelper` class, which contains generic data access utility methods, so that we can avoid code repetition.

Layer 2: Business Layer (BL)

Next, we will create classes for each of the domain entities. We will put all of these classes under the new BL folder with this namespace: `DomainModel.BL`. Create a new C# class file named `Customer.cs` under the BL folder. Here is the first `Customer` class:

```

using DomainModel.DAL;
namespace DomainModel.BL
{
    public class Customer
    {
        private int _ID;
        private string _name;
        private string _address;
        private string _phoneNumber;
        private List<Customer> _customerCollection;
        public int ID
        {
            get { return _ID; }
            set { _ID = value; }
        }
    }
}

```

```
public string Name
{
    get { return _name; }
    set { _name = value; }
}
public string Address
{
    get { return _address; }
    set { _address = value; }
}
public string PhoneNumber
{
    get { return _phoneNumber; }
    set { _phoneNumber = value; }
}
public List<Customer> CustomerCollection
{
    get { return _customerCollection; }
    set { _customerCollection = value; }
}
public void Add()
{
    CustomerDAL.AddCustomer(this);
}
public void Delete(int customerID)
{
    CustomerDAL.DeleteCustomer(this.ID);
}
public void Update()
{
    CustomerDAL.UpdateCustomer(this);
}
public void Load()
{
    CustomerDAL.GetCustomer(this.ID);
}
public void GetAll()
{
    this.CustomerCollection = CustomerDAL.GetAllCustomers();
}
} //end class
} //end namespace
```