## Phase 4 – Project Source Code

Models:

* Product Model

using System;

using System.Collections.Generic;

using System.ComponentModel.DataAnnotations;

using System.Linq;

using System.Web;

using System.Data.Entity;

using System.ComponentModel;

using System.ComponentModel.DataAnnotations.Schema;

namespace ELaptop.Models

{

public class Product

{

[Key]

public int Product\_id { get; set; }

[Required(ErrorMessage = "Product name is required.")]

public string Product\_name { get; set; }

[Required(ErrorMessage = "Product category is required.")]

public string Category { get; set; }

[Required(ErrorMessage = "Product Price is required.")]

public decimal Price { get; set; }

[Required]

public int Storage { get; set; }

[Required]

public string CPU { get; set; }

[Required]

public int RAM { get; set; }

public string ImagePath { get; set; }

[NotMapped]

public HttpPostedFileBase ImageFile { get; set; }

}

public class ProductDBContext : DbContext

{

public DbSet<Product> Products { get; set; }

public System.Data.Entity.DbSet<ELaptop.Models.Order> Orders { get; set; }

}

}

* Order Model

using System;

using System.Collections.Generic;

using System.ComponentModel.DataAnnotations;

using System.Linq;

using System.Web;

namespace ELaptop.Models

{

public class Order

{

[Key]

public int Id { get; set; }

public string Product\_Name { get; set; }

public decimal Price { get; set; }

[Required]

public string Customer\_Name { get; set; }

[Required]

public string Cusomer\_Address { get; set; }

[Required]

public string Customer\_Phone { get; set; }

public DateTime Created { get; set; } = DateTime.Now;

}

}

For full source code, please visit the GitHub Repository: <https://github.com/SaamTEK/Online_Laptop_Store>