These are my object Entities class in Asp.net core

Admin:

using System.ComponentModel.DataAnnotations;

namespace IdealShop.Models

{

public class Admin

{

[Key]

public int Id { get; set; }

[Required, MaxLength(100)]

public string FirstName { get; set; }

[Required, MaxLength(100)]

public string LastName { get; set; }

[Required, EmailAddress]

public string Email { get; set; }

[Required, MaxLength(255)]

public string Password { get; set; }

[Required, MaxLength(15)]

public string PhoneNumber { get; set; }

[Required, MaxLength(255)]

public string Address { get; set; }

public string Salt { get; set; } = string.Empty;

}

}

CartItem:

using System.ComponentModel.DataAnnotations.Schema;

using System.ComponentModel.DataAnnotations;

namespace IdealShop.Models

{

public class CartItem

{

[Key]

public int Id { get; set; }

[Required, ForeignKey("Customer")]

public int CustomerId { get; set; }

[Required, ForeignKey("Product")]

public int ProductId { get; set; }

[Required, Range(1, 1000)]

public int Quantity { get; set; }

// Navigation Properties

public Customer Customer { get; set; }

public Product Product { get; set; }

}

}

Category:

using System.ComponentModel.DataAnnotations;

namespace IdealShop.Models

{

public class Category

{

[Key]

public int Id { get; set; }

[Required, MaxLength(100)]

public string Name { get; set; }

// Navigation Property

public List<Product> Products { get; set; } = new();

}

}

Customer:

namespace IdealShop.Models

{

using System.ComponentModel.DataAnnotations;

using System.ComponentModel.DataAnnotations.Schema;

using Microsoft.AspNetCore.Mvc.ModelBinding.Validation;

public class Customer

{

[Key]

public int Id { get; set; }

[Required, MaxLength(100)]

public string FirstName { get; set; }

[Required, MaxLength(100)]

public string LastName { get; set; }

[Required, EmailAddress]

public string Email { get; set; } // Used as Username

[Required, MaxLength(255)]

public string Password { get; set; }

[Required, MaxLength(15)]

public string PhoneNumber { get; set; }

[Required, MaxLength(255)]

public string Address { get; set; }

// Navigation Property

public List<CartItem> CartItems { get; set; } = new();

[ValidateNever]

public string? Salt { get; set; }

}

}

namespace IdealShop.Models

{

public class ErrorViewModel

{

public string? RequestId { get; set; }

public bool ShowRequestId => !string.IsNullOrEmpty(RequestId);

}

}

Product:

using System.ComponentModel.DataAnnotations;

using System.ComponentModel.DataAnnotations.Schema;

using Microsoft.AspNetCore.Http;

using Microsoft.AspNetCore.Mvc.ModelBinding.Validation;

namespace IdealShop.Models

{

public class Product

{

[Key]

public int Id { get; set; }

[Required, MaxLength(200)]

public string Name { get; set; }

[Required(ErrorMessage = "Please select a category.")]

[Display(Name = "Category")]

[ForeignKey("Category")]

public int ProductCategoryId { get; set; }

[Required, Column(TypeName = "decimal(18,2)")]

public decimal Price { get; set; }

[Required]

public int Stock { get; set; }

public string? ImageUrl { get; set; }

[NotMapped]

public IFormFile? ImageFile { get; set; }

[ValidateNever]

public Category ProductCategory { get; set; }

}

}