Modelos ECommerce App

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# Category

public class Category

{

[PrimaryKey]

public int CategoryId { get; set; }

public string Description { get; set; }

public int CompanyId { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

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

public override int GetHashCode()

{

return CategoryId;

}

}

# City

public class City

{

[PrimaryKey]

public int CityId { get; set; }

public string Name { get; set; }

public int DepartmentId { get; set; }

[ManyToOne]

public Department Department { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<Customer> Customers { get; set; }

public override int GetHashCode()

{

return CityId;

}

}

# Company

public class Company

{

[PrimaryKey]

public int CompanyId { get; set; }

public string Name { get; set; }

public string Phone { get; set; }

public string Address { get; set; }

public string Logo { get; set; }

public int DepartmentId { get; set; }

public int CityId { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<User> Users { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

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

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<CompanyCustomer> CompanyCustomers { get; set; }

public override int GetHashCode()

{

return CompanyId;

}

}

# CompanyCustomer

public class CompanyCustomer

{

[PrimaryKey]

public int CompanyCustomerId { get; set; }

public int CompanyId { get; set; }

public int CustomerId { get; set; }

[ManyToOne]

public Company Company { get; set; }

[ManyToOne]

public Customer Customer { get; set; }

public override int GetHashCode()

{

return CompanyCustomerId;

}

}

# Customer

public class Customer

{

[PrimaryKey, AutoIncrement]

public int CustomerId { get; set; }

public string UserName { get; set; }

public string FirstName { get; set; }

public string LastName { get; set; }

public string Photo { get; set; }

public string Phone { get; set; }

public string Address { get; set; }

public double Latitude { get; set; }

public double Longitude { get; set; }

public int DepartmentId { get; set; }

public int CityId { get; set; }

[ManyToOne]

public Department Department { get; set; }

[ManyToOne]

public City City { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<CompanyCustomer> CompanyCustomers { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<Order> Orders { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<Sale> Sales { get; set; }

public bool IsUpdated { get; set; }

public string FullName { get { return string.Format("{0} {1}", FirstName, LastName); } }

public string PhotoFullPath

{

get

{

return Photo == null? string.Empty : string.Format("http://zulu-software.com/ECommerce{0}", Photo.Substring(1));

}

}

public override int GetHashCode()

{

return CustomerId;

}

}

# Department

public class Department

{

[PrimaryKey]

public int DepartmentId { get; set; }

public string Name { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<City> Cities { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<Customer> Customers { get; set; }

public override int GetHashCode()

{

return DepartmentId;

}

}

# Inventory

public class Inventory

{

[PrimaryKey]

public int InventoryId { get; set; }

public int ProductId { get; set; }

[ManyToOne]

public Product Product { get; set; }

public int WarehouseId { get; set; }

public string WarehouseName { get; set; }

public double Stock { get; set; }

public override int GetHashCode()

{

return InventoryId;

}

}

# LoginRequest

public class LoginRequest

{

public string Email { get; set; }

public string Password { get; set; }

}

# Order

public class Order

{

[PrimaryKey]

public int OrderId { get; set; }

public int CompanyId { get; set; }

public int CustomerId { get; set; }

public int StateId { get; set; }

public string Date { get; set; }

public string Remarks { get; set; }

[ManyToOne]

public Customer Customer { get; set; }

public override int GetHashCode()

{

return OrderId;

}

}

# Product

public class Product

{

[PrimaryKey]

public int ProductId { get; set; }

public string Description { get; set; }

public string BarCode { get; set; }

public decimal Price { get; set; }

public string Image { get; set; }

public string Remarks { get; set; }

public double Stock { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<Inventory> Inventories { get; set; }

public int CompanyId { get; set; }

[ManyToOne]

public Company Company { get; set; }

public int CategoryId { get; set; }

[ManyToOne]

public Category Category { get; set; }

public int TaxId { get; set; }

[ManyToOne]

public Tax Tax { get; set; }

public string ImageFullPath { get { return string.Format("http://zulu-software.com/ECommerce{0}", Image.Substring(1)); } }

public override int GetHashCode()

{

return ProductId;

}

}

# Response

public class Response

{

public bool IsSucces { get; set; }

public string Message { get; set; }

public object Result { get; set; }

}

# Sale

public class Sale

{

[PrimaryKey]

public int SaleId { get; set; }

public int CompanyId { get; set; }

public int CustomerId { get; set; }

public int WarehouseId { get; set; }

public int StateId { get; set; }

public int? OrderId { get; set; }

public DateTime Date { get; set; }

public string Remarks { get; set; }

[ManyToOne]

public Customer Customer { get; set; }

public override int GetHashCode()

{

return SaleId;

}

}

# Tax

public class Tax

{

[PrimaryKey]

public int TaxId { get; set; }

public string Description { get; set; }

public double Rate { get; set; }

public int CompanyId { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

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

public override int GetHashCode()

{

return TaxId;

}

}

# User

public class User

{

[PrimaryKey]

public int UserId { get; set; }

public string UserName { get; set; }

public string FirstName { get; set; }

public string LastName { get; set; }

public string Photo { get; set; }

public string Phone { get; set; }

public string Address { get; set; }

public int DepartmentId { get; set; }

public string DepartmentName { get; set; }

public int CityId { get; set; }

public string CityName { get; set; }

[ManyToOne]

public Company Company { get; set; }

public bool IsAdmin { get; set; }

public bool IsUser { get; set; }

public bool IsCustomer { get; set; }

public bool IsSupplier { get; set; }

public bool IsRemembered { get; set; }

public string Password { get; set; }

public string FullName { get { return string.Format("{0} {1}", FirstName, LastName); } }

public string PhotoFullPath { get { return string.Format("http://zulu-software.com/ECommerce{0}", Photo.Substring(1)); } }

public override int GetHashCode()

{

return UserId;

}

}