Shopping Cart DB Schema

1. Category

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID (INT, Auto Increment ) | Name (Varchar(200)) | IsActive (Bit) | CreatedBy (int) | CreatedOn (datetime) | ModifiedBy (int) | ModifiedOn (datetime) |
| 1 | Electronics |  |  |  |  |  |
| 2 | Baby Toys |  |  |  |  |  |
| 3 | Furniture |  |  |  |  |  |
| 4 | Books |  |  |  |  |  |

CREATE TABLE [Category] (

[ID] [int] IDENTITY(1, 1) NOT NULL PRIMARY KEY

,[Name] [varchar](200) NOT NULL

,[IsActive] [bit] NOT NULL DEFAULT(1)

,[CreatedBy] [int] NULL

,[CreatedOn] [datetime] NOT NULL DEFAULT getdate()

,[ModifiedBy] [int] NULL

,[ModifiedOn] [datetime] NOT NULL DEFAULT getdate()

)

1. Product

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Name | Description | Price | CategoryId | CreatedBy | CreatedOn | ModifiedBy | ModifiedOn |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

CREATE TABLE [dbo].[Product] (

[ID] [int] IDENTITY(1, 1) NOT NULL PRIMARY KEY

,[Name] [varchar](200) NOT NULL

,[Description] [varchar](max) NOT NULL

,[Price] [decimal](18, 0) NOT NULL

,[CategoryId] [int] NOT NULL FOREIGN KEY REFERENCES Category(ID)

,[IsActive] [bit] NOT NULL DEFAULT(1)

,[CreatedBy] [int] NULL

,[CreatedOn] [datetime] NOT NULL DEFAULT getdate()

,[ModifiedBy] [int] NULL

,[ModifiedOn] [datetime] NOT NULL DEFAULT getdate()

)

1. Customer Role

|  |  |  |
| --- | --- | --- |
| ID | Role | IsActive |
|  |  |  |

1. Customer

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Name | Email | Password | Phone | RoleId | IsActive |

1. Cart

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | CustomerId | ProductId | Quantity | UnitPrice |

1. Customer Address

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Name | Email | Phone | Address1 | Address2 | PinCode | CustomerId |
|  |  |  |  |  |  |  |  |

1. OrderHistory

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | CustomerId | ProductId | Price | Status |