<https://khalidabuhakmeh.com/how-to-add-a-view-to-an-entity-framework-core-dbcontext>

USE [ShoppingCartDev]

GO

/\*\*\*\*\*\* Object: View [dbo].[CustomerGroupBorrowedBooks] Script Date: 05/23/2022 10:51:29 \*\*\*\*\*\*/

IF EXISTS (SELECT \* FROM sys.views WHERE object\_id = OBJECT\_ID(N'[dbo].[vwCustomerGroupBorrowedBooks]'))

DROP VIEW [dbo].[vwCustomerGroupBorrowedBooks]

GO

USE [ShoppingCartDev]

GO

/\*\*\*\*\*\* Object: View [dbo].[CustomerGroupBorrowedBooks] Script Date: 05/23/2022 10:51:29 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[vwCustomerGroupBorrowedBooks]

AS

SELECT TOP (100) PERCENT Shopping.CustomerBook.LoanDate, Shopping.CustomerBook.ReturnDate, Shopping.Customers.CustomerGroup, Shopping.LibaryBooks.PurchasePrice,

Shopping.LibaryBooks.Name, Shopping.LibaryBooks.InternationStandardBookNumber

FROM Shopping.Customers INNER JOIN

Shopping.CustomerBook ON Shopping.Customers.Id = Shopping.CustomerBook.CustomerId INNER JOIN

Shopping.LibaryBooks ON Shopping.CustomerBook.BookId = Shopping.LibaryBooks.Id

ORDER BY Shopping.Customers.CustomerGroup DESC

GO

add-migration viewCustomerGroupBorrowedBooks -verbose -startupproject shoppingcartef6 -project shoppingcartmigrations6

UP

migrationBuilder.Sql(@"CREATE VIEW [dbo].[vwCustomerGroupBorrowedBooks]

AS

SELECT TOP (100) PERCENT Shopping.CustomerBook.LoanDate, Shopping.CustomerBook.**ReturnDate**, Shopping.Customers.CustomerGroup, Shopping.LibaryBooks.PurchasePrice,

Shopping.LibaryBooks.Name, Shopping.LibaryBooks.InternationStandardBookNumber

FROM Shopping.Customers INNER JOIN

Shopping.CustomerBook ON Shopping.Customers.Id = Shopping.CustomerBook.CustomerId INNER JOIN

Shopping.LibaryBooks ON Shopping.CustomerBook.BookId = Shopping.LibaryBooks.Id

ORDER BY Shopping.Customers.CustomerGroup DESC”);

DOWN

migrationBuilder.Sql(@"

DROP VIEW [dbo].[vwCustomerGroupBorrowedBooks]

");

Define Class for Model

public class vwCustomerGroupBorrowedBook

{

public DateTime LoanDate { get; set; }

public DateTime? ReturnDate { get; set; }

public string CustomerGroup { get; set; }

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

public decimal PurchasePrice { get; set; }

public string Name { get; set; }

public string InternationStandardBookNumber { get; set; }

}

Add to DbContext

public DbSet<vwCustomerGroupBorrowedBook > vwCustomerGroupBorrowedBooks { get; set; }

Revise OnModelCreating

modelBuilder

.Entity< vwCustomerGroupBorrowedBook >()

.ToView(nameof(vwCustomerGroupBorrowedBookx))

.HasKey(t => t.Id);