

SQL STATEMENT FOR ADMIN OPERATION

ISAD251HK – NG SHU MING ARTHAS



[Date]

[Company name]

[Company address]

# Order Controller: Index View (Sales Report) Eager Loading

SELECT

[Project1].[OrderId] AS [OrderId],

[Project1].[Total] AS [Total],

[Project1].[CreateDate] AS [CreateDate],

[Project1].[UserId] AS [UserId],

[Project1].[Id] AS [Id],

[Project1].[Email] AS [Email],

[Project1].[EmailConfirmed] AS [EmailConfirmed],

[Project1].[PasswordHash] AS [PasswordHash],

[Project1].[SecurityStamp] AS [SecurityStamp],

[Project1].[PhoneNumber] AS [PhoneNumber],

[Project1].[PhoneNumberConfirmed] AS [PhoneNumberConfirmed],

[Project1].[TwoFactorEnabled] AS [TwoFactorEnabled],

[Project1].[LockoutEndDateUtc] AS [LockoutEndDateUtc],

[Project1].[LockoutEnabled] AS [LockoutEnabled],

[Project1].[AccessFailedCount] AS [AccessFailedCount],

[Project1].[UserName] AS [UserName],

[Project1].[C1] AS [C1],

[Project1].[CartItemId] AS [CartItemId],

[Project1].[OrderId1] AS [OrderId1],

[Project1].[ItemId] AS [ItemId],

[Project1].[Quantity] AS [Quantity],

[Project1].[Price] AS [Price],

[Project1].[Cancel] AS [Cancel],

[Project1].[OrderDate] AS [OrderDate],

[Project1].[UserId1] AS [UserId1],

[Project1].[ItemId1] AS [ItemId1],

[Project1].[Name] AS [Name],

[Project1].[Description] AS [Description],

[Project1].[Price1] AS [Price1],

[Project1].[Cost] AS [Cost],

[Project1].[ItemImageUrl] AS [ItemImageUrl],

[Project1].[Disable] AS [Disable]

FROM ( SELECT

[Extent1].[OrderId] AS [OrderId],

[Extent1].[Total] AS [Total],

[Extent1].[CreateDate] AS [CreateDate],

[Extent1].[UserId] AS [UserId],

[Extent2].[Id] AS [Id],

[Extent2].[Email] AS [Email],

[Extent2].[EmailConfirmed] AS [EmailConfirmed],

[Extent2].[PasswordHash] AS [PasswordHash],

[Extent2].[SecurityStamp] AS [SecurityStamp],

[Extent2].[PhoneNumber] AS [PhoneNumber],

[Extent2].[PhoneNumberConfirmed] AS [PhoneNumberConfirmed],

[Extent2].[TwoFactorEnabled] AS [TwoFactorEnabled],

[Extent2].[LockoutEndDateUtc] AS [LockoutEndDateUtc],

[Extent2].[LockoutEnabled] AS [LockoutEnabled],

[Extent2].[AccessFailedCount] AS [AccessFailedCount],

[Extent2].[UserName] AS [UserName],

[Join2].[CartItemId] AS [CartItemId],

[Join2].[OrderId] AS [OrderId1],

[Join2].[ItemId1] AS [ItemId],

[Join2].[Quantity] AS [Quantity],

[Join2].[Price1] AS [Price],

[Join2].[Cancel] AS [Cancel],

[Join2].[OrderDate] AS [OrderDate],

[Join2].[UserId] AS [UserId1],

[Join2].[ItemId2] AS [ItemId1],

[Join2].[Name] AS [Name],

[Join2].[Description] AS [Description],

[Join2].[Price2] AS [Price1],

[Join2].[Cost] AS [Cost],

[Join2].[ItemImageUrl] AS [ItemImageUrl],

[Join2].[Disable] AS [Disable],

CASE WHEN ([Join2].[CartItemId] IS NULL) THEN CAST(NULL AS int) ELSE 1 END AS [C1]

FROM [dbo].[Order] AS [Extent1]

LEFT OUTER JOIN [dbo].[AspNetUsers] AS [Extent2] ON [Extent1].[UserId] = [Extent2].[Id]

LEFT OUTER JOIN (SELECT [Extent3].[CartItemId] AS [CartItemId], [Extent3].[OrderId] AS [OrderId], [Extent3].[ItemId] AS [ItemId1], [Extent3].[Quantity] AS [Quantity], [Extent3].[Price] AS [Price1], [Extent3].[Cancel] AS [Cancel], [Extent3].[OrderDate] AS [OrderDate], [Extent3].[UserId] AS [UserId], [Extent4].[ItemId] AS [ItemId2], [Extent4].[Name] AS [Name], [Extent4].[Description] AS [Description], [Extent4].[Price] AS [Price2], [Extent4].[Cost] AS [Cost], [Extent4].[ItemImageUrl] AS [ItemImageUrl], [Extent4].[Disable] AS [Disable]

FROM [dbo].[CartItem] AS [Extent3]

INNER JOIN [dbo].[Item] AS [Extent4] ON [Extent3].[ItemId] = [Extent4].[ItemId] ) AS [Join2] ON [Extent1].[OrderId] = [Join2].[OrderId]

) AS [Project1]

ORDER BY [Project1].[OrderId] ASC, [Project1].[Id] ASC, [Project1].[C1] ASC

# Item Controller: Index

SELECT

[Extent1].[ItemId] AS [ItemId],

[Extent1].[Name] AS [Name],

[Extent1].[Description] AS [Description],

[Extent1].[Price] AS [Price],

[Extent1].[Cost] AS [Cost],

[Extent1].[ItemImageUrl] AS [ItemImageUrl],

[Extent1].[Disable] AS [Disable]

FROM [dbo].[Item] AS [Extent1]

# Item Controller: Select Item to Edit

SELECT TOP (2)

[Extent1].[ItemId] AS [ItemId],

[Extent1].[Name] AS [Name],

[Extent1].[Description] AS [Description],

[Extent1].[Price] AS [Price],

[Extent1].[Cost] AS [Cost],

[Extent1].[ItemImageUrl] AS [ItemImageUrl],

[Extent1].[Disable] AS [Disable]

FROM [dbo].[Item] AS [Extent1]

WHERE [Extent1].[ItemId] = @p0

# Item Controller: Update Item from Edit View

UPDATE [dbo].[Item]

SET [Name] = @0, [Description] = @1, [Price] = @2, [Cost] = @3, [ItemImageUrl] = @4, [Disable] = @5

WHERE ([ItemId] = @6)

# Item Controller: Create Item Entry from Create view

INSERT [dbo].[Item]([Name], [Description], [Price], [Cost], [ItemImageUrl], [Disable])

VALUES (@0, @1, @2, @3, @4, @5)

SELECT [ItemId]

FROM [dbo].[Item]

WHERE @@ROWCOUNT > 0 AND [ItemId] = scope\_identity()

# CartItem Controller: Index view for all items added by Member (Lazy Loading)

## Eager Loading the username

SELECT

[Extent1].[CartItemId] AS [CartItemId],

[Extent1].[OrderId] AS [OrderId],

[Extent1].[ItemId] AS [ItemId],

[Extent1].[Quantity] AS [Quantity],

[Extent1].[Price] AS [Price],

[Extent1].[Cancel] AS [Cancel],

[Extent1].[OrderDate] AS [OrderDate],

[Extent1].[UserId] AS [UserId],

[Extent2].[Id] AS [Id],

[Extent2].[Email] AS [Email],

[Extent2].[EmailConfirmed] AS [EmailConfirmed],

[Extent2].[PasswordHash] AS [PasswordHash],

[Extent2].[SecurityStamp] AS [SecurityStamp],

[Extent2].[PhoneNumber] AS [PhoneNumber],

[Extent2].[PhoneNumberConfirmed] AS [PhoneNumberConfirmed],

[Extent2].[TwoFactorEnabled] AS [TwoFactorEnabled],

[Extent2].[LockoutEndDateUtc] AS [LockoutEndDateUtc],

[Extent2].[LockoutEnabled] AS [LockoutEnabled],

[Extent2].[AccessFailedCount] AS [AccessFailedCount],

[Extent2].[UserName] AS [UserName]

FROM [dbo].[CartItem] AS [Extent1]

LEFT OUTER JOIN [dbo].[AspNetUsers] AS [Extent2] ON [Extent1].[UserId] = [Extent2].[Id]

## Lazy Loading the item table

SELECT

[Extent1].[ItemId] AS [ItemId],

[Extent1].[Name] AS [Name],

[Extent1].[Description] AS [Description],

[Extent1].[Price] AS [Price],

[Extent1].[Cost] AS [Cost],

[Extent1].[ItemImageUrl] AS [ItemImageUrl],

[Extent1].[Disable] AS [Disable]

FROM [dbo].[Item] AS [Extent1]

WHERE [Extent1].[ItemId] = @EntityKeyValue1