

SQL STATEMENT FOR CUSTOMER OPERATION

ISAD251HK – NG SHU MING ARTHAS



[Date]

[Company name]

[Company address]

# 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]

WHERE 0 = [Extent1].[Disable]

# Item Controller: Select Item to Add

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]

# Item Controller: Add to Cartitem table

INSERT [dbo].[CartItem]([OrderId], [ItemId], [Quantity], [Price], [Cancel], [OrderDate], [UserId])

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

SELECT [CartItemId]

FROM [dbo].[CartItem]

WHERE @@ROWCOUNT > 0 AND [CartItemId] = 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]

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

## 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

# CartItem Controller: Checkout view

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]

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

# CartItem Controller: Confirm Checkout

## Insert new Order (receipt)

INSERT [dbo].[Order]([Total], [CreateDate], [UserId])

VALUES (@0, @1, @2)

SELECT [OrderId]

FROM [dbo].[Order]

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

## Update the CartItem table’s OrderID as foreign key to the Order

UPDATE [dbo].[CartItem]

SET [OrderId] = @0

WHERE ([CartItemId] = @1)