

# BootCamp: Business Exercise Point of Sales



# Case Study: Business Exercise









## Category Design

To: Create New

Create New

To: Edit

To: Delete

Initial	Name	Active	Action
MANCO	Main Course	<input checked="" type="checkbox"/>	 
SATE	Sate	<input type="checkbox"/>	 
IC	ICE Cream	<input checked="" type="checkbox"/>	 
CKE	Cake	<input checked="" type="checkbox"/>	 

### Categories

No.	Column Name	Data Type	Allow Null	Relationship	Remark
1	Id	bigint	FALSE	PK	Increment
2	Initial	varchar(10)	FALSE	-	Unique
3	Name	varchar(50)	FALSE	-	Unique
4	Active	bit	FALSE	-	-
5	CreateBy	varchar(50)	FALSE	-	-
6	CreateDate	datetime	FALSE	-	-
7	ModifyBy	varchar(50)	TRUE	-	-
8	ModifyDate	datetime	TRUE	-	-



# Case Study: Business Exercise

## Category Design

Create New ×

Initial

Name

Active

☐

Cancel

Create

Delete ×

Are you sure you want to delete this?

Initial

CKE

Name

Cake

Active

☒

Cancel

Delete

Edit ×

Initial

IC

Name

ICE Cream

Active

☒

Cancel

Save Change



# Case Study: Business Exercise

## Variant Design

To: Create New

Create New

To: Edit

To: Delete

Category	Initial	Name	Active	Action
Main Course	NASGOR	Nasi Goreng	<input checked="" type="checkbox"/>	 
Main Course	NASUD	Nasi Uduk	<input checked="" type="checkbox"/>	 
ICE Cream	ICBan	Ice Cream Banana	<input checked="" type="checkbox"/>	 

### Variants

No.	Column Name	Data Type	Allow Null	Relationship	Remark
1	Id	bigint	FALSE	PK	Increment
2	CategoryId	bigint	FALSE	FK	<i>Categories.Id</i>
3	Initial	varchar(10)	FALSE		Unique
4	Name	varchar(50)	FALSE		Unique
5	Active	bit	FALSE		
6	CreateBy	varchar(50)	FALSE		
7	CreateDate	datetime	FALSE		
8	ModifyBy	varchar(50)	TRUE		
9	ModifyDate	datetime	TRUE		

# Case Study: Business Exercise

## Variant Design

Create New



Category

Select Category



Initial

Name

Active

☐

Cancel

Create

Edit

Are you sure you want to delete this?

Category ICE Cream  
Initial ICBan  
Name Ice Cream Banana  
Active ☒

Cancel

Delete

Edit



Category

ICE Cream



Initial

ICBan

Name

Ice Cream Banana

Active

☒

Cancel

Save Change



# Case Study: Business Exercise







## Product Design

Create New

To: Create New

To: Edit

To: Delete

Category/ Variant	Initial	Name	Description	Price	Stock	Active	Action
MANCO/ NASUD	NUBET	Nasi Uduk Betawi	Pake telur	22000.00	10.00	<input checked="" type="checkbox"/>	 
MANCO/ NASGOR	NGGIL	Nasi Goreng Gila 1	Daging ayam	25000.00	12.00	<input checked="" type="checkbox"/>	 
IC/ ICBan	BANS	Banana Split	Pisang Ice Cream dgn 3 rasa	18000.00	20.00	<input checked="" type="checkbox"/>	 

### Products

No.	Column Name	Data Type	Allow Null	Relationship	Remark
1	Id	bigint	FALSE	PK	Increment
2	VariantId	bigint	FALSE	FK	<b>Variant.Id</b>
3	Initial	varchar(10)	FALSE		Unique
4	Name	varchar(50)	FALSE		Unique
5	Description	varchar(500)	TRUE		
6	Price	decimal(18, 2)	FALSE		
7	Stock	decimal(18, 2)	FALSE		
8	Active	bit	FALSE		
9	CreateBy	varchar(50)	FALSE		
10	CreateDate	datetime	FALSE		
11	ModifyBy	varchar(50)	TRUE		
12	ModifyDate	datetime	TRUE		



# Case Study: Business Exercise

## Product Design

Create ×

Category

Main Course

Variant

Nasi Goreng

Initial

Name

Description

Price

Stock

Active

☐

Cancel

Create

Binding

Edit ×

Category

Main Course

Variant

Nasi Goreng

Initial

NGGIL

Name

Nasi Goreng Gila 1

Description

Daging ayam

Price

25000.00

Stock

12.00

Active

☒

Cancel

Save Change

Binding



# Case Study: Business Exercise

## Orders Design


To: Select New Order (Modal)

To: Payment (Modal)

To: New Transaction

To: Remove Order

New Order
Payment
New Trans.

Product Name	Price	Quantity	Amount	Remove
Nasi Uduk Betawi	22000.00	1.00	22000.00	
Total		1	22000	Remove

### OrderHeaders

No.	Column Name	Data Type	Allow Null	Relationship	Remark
1	Id	bigint	FALSE	PK	Increment
2	Reference	varchar(15)	FALSE		SLS-YYMM-#### *)
3	Amount	decimal(18, 4)	FALSE		
4	Active	bit	FALSE		
5	CreateBy	varchar(50)	FALSE		
6	CreateDate	datetime	FALSE		
7	ModifyBy	varchar(50)	TRUE		
8	ModifyDate	datetime	TRUE		

\*) "SLS"+[Year 2 digits]+[Month 2 digits]+[increment]  
increment: restarting from 0001 for new month

### OrderDetails

No.	Column Name	Data Type	Allow Null	Relationship	Remark
1	Id	bigint	FALSE	PK	Increment
2	HeaderId	bigint	FALSE	FK	<b>OrderHeaders.Id</b>
3	ProductId	bigint	FALSE	FK	<b>Products.Id</b>
4	Quantity	decimal(18, 4)	FALSE		
5	Price	decimal(18, 4)	FALSE		
6	Active	bit	FALSE		
7	CreateBy	varchar(50)	FALSE		
8	CreateDate	datetime	FALSE		
9	ModifyBy	varchar(50)	TRUE		
10	ModifyDate	datetime	TRUE		



# Case Study: Business Exercise

## Orders Design

Text for searching

Search action

Select product

Select New Order

Search...

Select	Initial	Name/Description	Price	Stock
<div></div>	NUBET	Nasi Uduk Betawi Pake telur	22000.00	10.00
<div></div>	NGGIL	Nasi Goreng Gila 1 Daging ayam	25000.00	12.00
<div></div>	BANS	Banana Split Pisang Ice Cream dgn 3 rasa	18000.00	20.00



# Case Study: Business Exercise

## Orders Design

Payment

Reference

Amount

22000.00

Pay Money

25000

Change

3000

Cancel

Pay!

Payment: Terimakasih!

Reference

SLS-1908-0002

Amount

22000.00

Pay Money

25000

Change

3000

Close

Transaction is successful

Result from back-end





# THANKS!

**Any questions?**