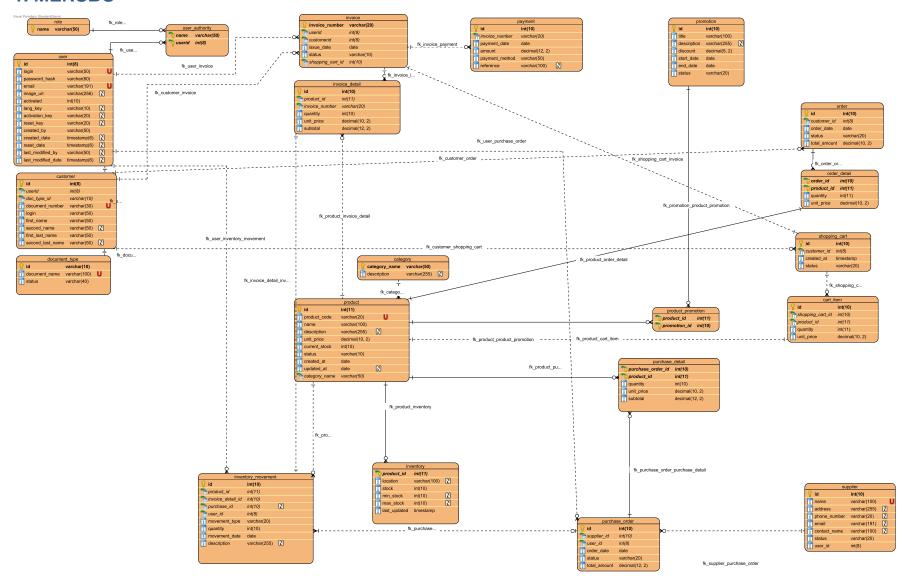


1. MERSBO



=1.1. cart_item

1.1.1. Properties

Discriminator	N/A
Class model	Cart_item
Schema	N/A

1.1.2. Column Summary

Name	Description
💡 id	
product_id	
quantity	
shopping_cart_id	
unit_price	

1.1.3. Column Details



Туре	int		
Length	10		
Scale	0		
Primary Key	true		
Primary Key			
Туре	int		
Length	11		

Scale	0
Foreign Key	true
quantity	
Туре	int
Length	11
Scale	0
nshopping_cart_id	
Туре	int
Length	10
Scale	0
Foreign Key	true
unit_price	
Туре	decimal
Length	10
Scale	2

1.1.4. Column Mappings

Column Name	Attribute Name
id	id
quantity	quantity
unit_price	unit_price

1.1.5. Relationships

Relationship	From	То
≪fk_product_cart_item	<u>product</u>	<u>cart_item</u>
-⊦ ∽ fk_shopping_cart_cart_item	shopping cart	<u>cart_item</u>

1.2. category

1.2.1. Properties

Discriminator	N/A
Class model	Category
Schema	N/A

1.2.2. Column Summary

Name	Description			
category_name				
description				

1.2.3. Column Details

? category_name

Туре	varchar
Length	50
Scale	0
Primary Key	true
Primary Key description	
Туре	varchar
Length	255
Scale	0
Nullable	true

1.2.4. Column Mappings

Column Name	Attribute Name
category_name	category_name
description	description

1.2.5. Relationships

Relationship	From	То
	category	<u>product</u>

=1.3. customer

1.3.1. Properties

Discriminator	N/A
Class model	Customer
Schema	N/A

1.3.2. Column Summary

1.5.2. Column Summary	
Name	Description
doc_type_id	
document_number	
first_last_name	
first_name	
💡 id	
login	
second_last_name	
second_name	
userid	

1.3.3. Column Details

ndoc_type_id

Туре	varchar
Length	10
Scale	0
Foreign Key	true
document_number	
Туре	varchar
Length	30
Scale	0
first_last_name	
T	
Туре	varchar
Length	50
Scale	0
first_name	
Туре	varchar
Length	50
Scale	0
💡 id	
Туре	int
Length	8
Scale	0
Primary Key	true

login

Longth 50	
Length 50	
Scale 0	

second_last_name

Туре	varchar
Length	50
Scale	0
Nullable	true

second_name

Туре	varchar
Length	50
Scale	0
Nullable	true
to upowiel	

nuserid

Туре	int
Length	8
Scale	0
Foreign Key	true

1.3.4. Column Mappings

Column Name	Attribute Name
document_number	document_number
first_last_name	first_last_name
first_name	first_name

Column Name	Attribute Name
id	id
login	login
second_last_name	second_last_name
second_name	second_name

1.3.5. Constraints

Name	Туре	Constraint
UC_document_number	Unique	UNIQUE(document_number)

1.3.6. Relationships

Relationship	From	То
	customer	invoice
-⊦-≪fk_customer_order	customer	<u>order</u>
≪fk_customer_shopping_cart	<u>customer</u>	shopping cart
-⊦•≪fk_document_type_customer	document type	customer
	<u>user</u>	customer

=1.4. document_type

1.4.1. Properties

Discriminator	N/A
Class model	Document_type
Schema	N/A

1.4.2. Column Summary

Name	Description		
document_name			
💡 id			
status			

1.4.3. Column Details

document_name

Туре	varchar		
Length	100		
Scale	0		
Unique id	true		
💡 id			
Туре	varchar		

Туре	varchar	
Length	10	
Scale	0	
Primary Key	true	
status		

: Status	
Туре	varchar
Length	40
Scale	0

1.4.4. Column Mappings

Column Name	Attribute Name
document_name	document_name
id	doc_type_id

Column Name	Attribute Name
status	status

1.4.5. Relationships

Relationship	From	То
-⊹-≪fk_document_type_customer	document type	customer

1.5. inventory

1.5.1. Properties

Discriminator	N/A
Class model	Inventory
Schema	N/A

1.5.2. Column Summary

Name	Description			
ast_updated				
location				
max_stock				
min_stock				
product_id				
stock				

1.5.3. Column Details

■ last_updated

|--|

Length	0
Scale	0
location	
Туре	varchar
Length	100
Scale	0
Nullable	true
max_stock	
Туре	int
Length	10
Scale	0
Nullable	true
min_stock	
Туре	int
Length	10
Scale	0
Nullable	true
product_id	
Туре	int
Length	11
Scale	0
Primary Key	true
Foreign Key	true
■ stock	

Туре	int
Length	10
Scale	0

1.5.4. Column Mappings

Column Name	Attribute Name
last_updated	last_updated
location	location
max_stock	max_stock
min_stock	min_stock
stock	stock

1.5.5. Relationships

Relationship	From	То
-⊹-≪fk_product_inventory	<u>product</u>	inventory

1.6. inventory_movement

1.6.1. Properties

Discriminator	N/A
Class model	Inventory_movement
Schema	N/A

1.6.2. Column Summary

Name	Description
description	
💡 id	
invoice_detail_id	

Name	Description
movement_date	
movement_type	
nproduct_id	
purchase_id	
quantity	
nuser_id	

1.6.3. Column Details

description

Туре	varchar
Length	255
Scale	0
Nullable	true
💡 id	
Туре	int
Length	10
Scale	0
Primary Key	true
nvoice_detail_id	
Туре	int
Length	10
Scale	0

Foreign Key	true			
movement_date				
Туре	date			
Length	0			
Scale	0			
movement_type				
Туре	varchar			
Length	20			
Scale	0			
product_id				
Туре	int			
Length	11			
Scale	0			
Foreign Key	true			
purchase_id				
Туре	int			
Length	10			
Scale	0			
Foreign Key	true			
Nullable	true			
quantity				
Туре	int			
Length	10			
Scale	0			

"auser_id

Туре	int
Length	8
Scale	0
Foreign Key	true

1.6.4. Column Mappings

Column Name	Attribute Name
description	description
id	id
movement_date	movement_date
movement_type	movement_type
quantity	quantity

1.6.5. Relationships

Relationship	From	То
	invoice detail	inventory movement
fk_product_inventory_movement	<u>product</u>	inventory movement
fk_purchase_order_inventory_movement	purchase_order	inventory_movement
-⊹offk_user_inventory_movement	user	inventory movement

1.7. invoice

1.7.1. Properties

Discriminator	N/A
Class model	Invoice
Schema	N/A

1.7.2. Column Summary	
Name	Description
customerid	
invoice_number	
issue_date	
nshopping_cart_id	
status	
auserid	
1.7.3. Column Details	
† customerid	
Туре	int
Length	8
Scale	0
Foreign Key	true
invoice_number	
Туре	varchar
Length	20

туре	varcnar	
Length	20	
Scale	0	
Primary Key	true	
issue_date		

Туре	date		
Length	0		

1.7.4. Column Mappings

Column Name	Attribute Name
invoice_number	invoice_number
issue_date	issue_date
status	status

1.7.5. Relationships

Relationship	From	То
	customer	invoice
-⊦•dfk_invoice_invoice_detail	invoice	invoice detail

Relationship	From	То
-⊦•⁴fk_invoice_payment	invoice	<u>payment</u>
-⊦•⁴fk_shopping_cart_invoice	shopping cart	invoice
-⊦-≪fk_user_invoice	user	invoice

1.8. invoice_detail

1.8.1. Properties

Discriminator	N/A
Class model	Invoice_detail
Schema	N/A

1.8.2. Column Summary

Name	Description
💡 id	
invoice_number	
product_id	
quantity	
subtotal	
unit_price	

1.8.3. Column Details



Туре	int
Length	10

Scale	0
Primary Key	true
number ∰invoice_number	
Туре	varchar
Length	20
Scale	0
Foreign Key	true
product_id	
product_rd	
Туре	int
Length	11
Scale	0
Foreign Key	true
quantity	
Туре	int
Length	10
Scale	0
subtotal	
Туре	decimal
Length	12
Scale	2
unit_price	
Туре	decimal
Length	10
Scale	2

1.8.4. Column Mappings

Column Name	Attribute Name
id	id
quantity	quantity
subtotal	subtotal
unit_price	unit_price

1.8.5. Relationships

Relationship	From	То
	invoice detail	inventory movement
≪fk_invoice_invoice_detail	invoice	invoice detail
	<u>product</u>	invoice detail

1.9. order

1.9.1. Properties

Discriminator	N/A
Class model	Order
Schema	N/A

1.9.2. Column Summary

Name	Description
customer_id	
💡 id	



status

Name	Description
total_amount	

1.9.3. Column Details

ncustomer_id

Type

decimal

Туре	int
Length	8
Scale	0
Foreign Key	true
💡 id	
Туре	int
Length	10
Scale	0
Primary Key	true
order_date	
Туре	date
Length	0
Scale	0
status	
Туре	varchar
Length	20
Scale	0
total_amount	

Length 10

Scale 2

1.9.4. Column Mappings

Column Name	Attribute Name
id	id
order_date	order_date
status	status
total_amount	total_amount

1.9.5. Relationships

Relationship	From	То
-i-o⁴fk_customer_order	customer	<u>order</u>
i-offk_order_order_detail	<u>order</u>	order detail

=1.10. order_detail

1.10.1. Properties

Discriminator	N/A
Class model	Order_detail
Schema	N/A

1.10.2. Column Summary

Name	Description		
order_id			
product_id			
quantity			

Name	Description
unit_price	
1.10.3. Column Details	
order_id	
Туре	int
Length	10
Scale	0
Primary Key	true
Foreign Key	true
<pre>product_id</pre>	
Туре	int
Length	11
Scale	0
Primary Key	true
Foreign Key	true
quantity	
Туре	int
Length	11
Scale	0
unit_price	
Туре	decimal
Length	10

Scale

2

1.10.4. Column Mappings

Column Name	Attribute Name
quantity	quantity
unit_price	unit_price

1.10.5. Relationships

Relationship	From	То
i-offk_order_order_detail	<u>order</u>	order detail
-i-ofk_product_order_detail	<u>product</u>	order detail

1.11. payment

1.11.1. Properties

Discriminator	N/A
Class model	Payment
Schema	N/A

1.11.2. Column Summary

Name	Description
amount	
💡 id	
invoice_number	
payment_date	
payment_method	
reference	

1.11.3. Column Details

amount

Туре	decimal	
Length	12	
Scale	2	
💡 id		
Type	int	

Length 10 Scale 0

Primary Key true

**invoice_number

Туре	varchar
Length	20
Scale	0
Foreign Key	true

payment_date

Туре	date
Length	0
Scale	0

payment_method

Туре	varchar
Length	50
Scale	0

reference

Туре	varchar
Length	100
Scale	0
Nullable	true

1.11.4. Column Mappings

Column Name	Attribute Name
amount	amount
id	id
payment_date	payment_date
payment_method	payment_method
reference	reference

1.11.5. Relationships

Relationship	From	То
-⊦-≪fk_invoice_payment	invoice	<u>payment</u>

1.12. product

1.12.1. Properties

Discriminator	N/A
Class model	Product
Schema	N/A

1.12.2. Column Summary

Name	Description
acategory_name	

Name	Description
created_at	
current_stock	
description	
💡 id	
name	
product_code	
status	
unit_price	
updated_at	

1.12.3. Column Details

name category_name

Туре	varchar	
Length	50	
Scale	0	
Foreign Key	true	
Foreign Key created_at		
Туре	date	
Length	0	
Scale	0	
current_stock		

Туре	int			
Length	10			
Scale	0			
Scale description				
Туре	varchar			
Length	255			
Scale	0			

💡 id

Nullable

Type int
Length 11
Scale 0
Primary Key true

true

name

Type varchar

Length 100

Scale 0

product_code

TypevarcharLength20Scale0Uniquetrue

status

Туре	varchar
Length	10
Scale	0
E contt mula a	

unit_price

Туре	decimal
Length	10
Scale	2
updated_at	
Туре	date
Length	0
Scale	0
Nullable	true

1.12.4. Column Mappings

Column Name	Attribute Name
created_at	created_at
current_stock	current_stock
description	description
id	id
name	name
product_code	product_code
status	status
unit_price	unit_price
updated_at	updated_at

1.12.5. Relationships

Relationship	From	То
fk_category_product	category	<u>product</u>
	<u>product</u>	<u>cart_item</u>
	product	inventory
	<u>product</u>	inventory movement
	product	invoice detail
-∹•fk_product_order_detail	<u>product</u>	order_detail
	<u>product</u>	product promotion
-⊱ ∘ ∜k_product_purchase_detail	product	purchase detail

1.13. product_promotion

1.13.1. Properties

Discriminator	N/A
Class model	N/A
Schema	N/A

1.13.2. Column Summary

Name	Description
product_id	

1.13.3. Column Details

product_id

promotion_id

Type int	
----------	--

Length	11
Scale	0
Primary Key	true
Foreign Key	true
promotion_id	
Туре	int
Length	10
Scale	0
Primary Key	true
Foreign Key	true

1.13.4. Relationships

Relationship	From	То
	<u>product</u>	product promotion
	<u>promotion</u>	product promotion

1.14. promotion

1.14.1. Properties

discount

Discriminator	N/A
Class model	Promotion
Schema	N/A

1.14.2. Column Summary

Name	Description
description	

Name	Description
end_date	
💡 id	
start_date	
status	
title	
1.14.3. Column Details	
description	
Туре	varchar
Length	255
Scale	0
Nullable	true
discount	
Туре	decimal
Length	5
Scale	2
end_date	
Туре	date
Length	0
Scale	0
💡 id	
Туре	int
Type	nit.

Length	10
Scale	0
Primary Key	true
start_date	
Туре	date
Length	0
Scale	0
status	
Туре	varchar
Length	20
Scale	0
! title	
Туре	varchar
Length	100
Scale	0

1.14.4. Column Mappings

Column Name	Attribute Name
description	description
discount	discount
end_date	end_date
id	id
start_date	start_date
status	status
title	title

1.14.5. Relationships

Relationship	From	То
	promotion	product promotion

1.15. purchase_detail

1.15.1. Properties

Discriminator	N/A
Class model	Purchase_detail
Schema	N/A

1.15.2. Column Summary

Name	Description
product_id	
purchase_order_id	
quantity	
subtotal	
unit_price	

1.15.3. Column Details

"product_id

Туре	int	
Length	11	
Scale	0	
Primary Key	true	

Foreign Key	true
purchase_order_id	
Туре	int
Length	10
Scale	0
Primary Key	true
Foreign Key	true
quantity	
Туре	int
Length	10
Scale	0
subtotal	
Туре	decimal
Length	12
Scale	2
unit_price	
Туре	decimal
Length	10
Scale	2

1.15.4. Column Mappings

Column Name	Attribute Name
quantity	quantity
subtotal	subtotal
unit_price	unit_price

1.15.5. Relationships

Relationship	From	То
	<u>product</u>	purchase detail
-∹•⊀k_purchase_order_purchase_detail	purchase order	purchase detail

1.16. purchase_order

1.16.1. Properties

Discriminator	N/A
Class model	Purchase_order
Schema	N/A

1.16.2. Column Summary

Name	Description
💡 id	
order_date	
status	
supplier_id	
total_amount	

1.16.3. Column Details



nuser_id

Туре		in

Length 10

Scale	0
Primary Key	true
order_date	
Tune	date
Туре	
Length	0
Scale	0
status	
Туре	varchar
Length	20
Scale	0
supplier_id	
Туре	int
Length	10
Scale	0
Foreign Key	true
total_amount	
Туре	decimal
Length	12
Scale	2
nuser_id	
Туре	int
Length	8
Scale	0
Foreign Key	true

1.16.4. Column Mappings

Column Name	Attribute Name
id	id
order_date	order_date
status	status
total_amount	total_amount

1.16.5. Relationships

Relationship	From	То
	<u>purchase order</u>	inventory movement
fk_purchase_order_purchase_detail	<u>purchase order</u>	purchase detail
-⊦•⊀k_supplier_purchase_order	supplier	purchase order
-⊹ ^o fk_user_purchase_order	user	purchase order

1.17. role

1.17.1. Properties

Discriminator	N/A
Class model	Role
Schema	N/A

1.17.2. Column Summary

Name	Description
↑ name	

1.17.3. Column Details



Туре	varchar
Length	50
Scale	0
Primary Key	true

1.17.4. Column Mappings

Column Name	Attribute Name
name	name

1.17.5. Relationships

Relationship	From	То
-⊹	<u>role</u>	user authority

1.18. shopping_cart

1.18.1. Properties

Discriminator	N/A
Class model	Shopping_cart
Schema	N/A

1.18.2. Column Summary

Name	Description		
created_at			
customer_id			
💡 id			
status			

1.18.3. Column Details

created_at

Туре	timestamp
Length	0
Scale	0

ncustomer_id

Туре	int
Length	8
Scale	0
Foreign Key	true

💡 id

Туре	int		
Length	10		
Scale	0		
Primary Key	true		

status

Туре	varchar
Length	20
Scale	0

1.18.4. Column Mappings

Column Name	Attribute Name
created_at	created_at
id	id
status	status

1.18.5. Relationships

Relationship	From	То
	customer	shopping cart
-⊹¤fk_shopping_cart_cart_item	shopping cart	cart item
	shopping cart	invoice

=1.19. supplier

1.19.1. Properties

Discriminator	N/A
Class model	Supplier
Schema	N/A

1.19.2. Column Summary

Name	Description
address	
contact_name	
email	
💡 id	
name	
phone_number	
status	

1.19.3. Column Details

user_id

address

Туре	varchar
Length	255
Scale	0
Nullable	true

contact_name

Туре	varchar
Length	100
Scale	0
Nullable	true

🖪 email

Туре	varchar
Length	191
Scale	0
Nullable	true

💡 id

Type int

Length 10

Scale 0

Primary Key true

name

ре	varchar	
Length	100	

Scale	0
Unique phone_number	true
Туре	varchar

туре	varcnar
Length	20
Scale	0
Nullable	true

status

Туре	varchar		
Length	20		
Scale	0		
user_id			
_			

Type int

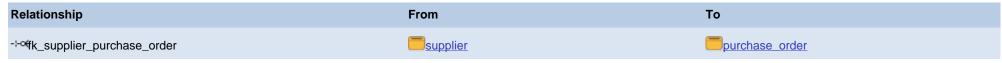
Length 8

Scale 0

1.19.4. Column Mappings

Column Name	Attribute Name
address	address
contact_name	contact_name
email	email
id	id
name	name
phone_number	phone_number
status	status
user_id	user_id

1.19.5. Relationships



1.20. user

1.20.1. Properties

Discriminator	N/A
Class model	User
Schema	N/A

1.20.2. Column Summary

Name	Description			
activated				
activation_key				
created_by				
created_date				
email				
💡 id				
image_url				
Iang_key				
last_modified_by				
last_modified_date				
login				

Name	Description
password_hash	
reset_date	
reset_key	
1.20.3. Column Details	
activated	
Туре	int
Length	10
Scale	0
activation_key	
Туре	varchar
Length	20
Scale	0
Nullable	true
created_by	
Туре	varchar
Length	50
Scale	0
created_date	
Туре	timestamp
Length	6
Scale	0

Nullable true **email** Туре varchar Length 191 Scale 0 💡 id Туре int Length 8 Scale 0 Primary Key true image_url Туре varchar Length 256 Scale 0 Nullable true lang_key Туре varchar Length 10 Scale 0 Nullable true last_modified_by Туре varchar Length 50 Scale 0

Nullable	true
ast_modified_date	
Туре	timestamp
Length	6
Scale	0
Nullable	true
login	
Туре	varchar
Length	50
Scale	0
Unique	true
password_hash	
Туре	varchar
Length	60
Scale	0
reset_date	
Туре	timestamp
Length	6
Scale	0
Nullable	true
reset_key	
Туре	varchar
Length	20

Scale

0

Nullable true

1.20.4. Column Mappings

Column Name	Attribute Name
activated	activated
activation_key	activation_key
created_by	created_by
created_date	created_date
email	email
id	id
image_url	image_url
lang_key	lang_key
last_modified_by	last_modified_by
last_modified_date	last_modified_date
login	login
password_hash	password_hash
reset_date	reset_date
reset_key	reset_key

1.20.5. Constraints

Name	Туре	Constraint
UC_email	Unique	UNIQUE(email)
UC_login	Unique	UNIQUE(login)

1.20.6. Relationships

Relationship	From	То
	user	customer
-⊦•fk_user_inventory_movement	user	inventory movement

Relationship	From	То
-⊦-offk_user_invoice	user	invoice
-⊦• લ k_user_purchase_order	user	purchase order
-⊦-offk_user_user_authority	user	user authority

1.21. user_authority

1.21.1. Properties

Discriminator	N/A
Class model	N/A
Schema	N/A

1.21.2. Column Summary

Name	Description
name	



1.21.3. Column Details

name

Туре	varchar	
Length	50	
Scale	0	
Primary Key	true	
Foreign Key	true	
Foreign Key verid		
Туре	int	

Length	8
Scale	0
Primary Key	true
Foreign Key	true

1.21.4. Relationships

Relationship	From	То
	<u>role</u>	user authority
-⊦•⊀k_user_user_authority	user	user_authority