Database model documentation

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1. Model details

Model name:

menu_genius

Version:

2.4

Database engine:

MySQL

Description:

2. Tables

2.1. Table products

2.1.1. Columns

Column name	Type	Properties	Description
id	int	PK	
name	varchar(255)		
description	text	null	
packing	varchar(20)		
price	int		
is_food	bool		
category_id	int		
image_id	int		

2.2. Table purchases

2.2.1. Columns

Column name	Type	Properties	Description
id	int	PK	
date_time	datetime		
total_pay	int		
status	enum('ordered','cooked','served'))		
paid	bool		
user_id	int		
desk_id	int		

2.3. Table users

2.3.1. Columns

Column name	Type	Properties	Description
id	int	PK	
name	varchar(50)		

email	varchar(30)		
email_verified_a t	datetime		
password	text		
phone	int		
admin	bool		

2.4. Table allergens

2.4.1. Columns

Column name	Type	Properties	Description
id	int	PK	
code	decimal(3,1)		
name	varchar(100)		

2.5. Table desks

2.5.1. Columns

Column name	Type	Properties	Description
id	int	PK	
number_of_seats	int		

2.6. Table reservations

2.6.1. Columns

Column name	Type	Properties	Description
id	int	PK	
number_of_guests	int		
checkin_date	timestamp		
checkout_date	timestamp	null	
name	varchar(50)		
phone	varchar(20)		
desk_id	int		
user_id	int		
closed	bool		

2.7. Table ingredient_allergen

2.7.1. Columns

Column name	Type	Properties	Description
ingredient_id	int	PK	
allergen_id	int	PK	

2.8. Table product_purchase

2.8.1. Columns

Column name	Type	Properties	Description
id	int	PK	
product_id	int		
purchase_id	int		
quantity	int		

2.9. Table categories

2.9.1. Columns

Column name	Type	Properties	Description
id	int	PK	
name	varchar(20)		

2.10. Table ingredients

2.10.1. Columns

Column name	Type	Properties	Description
id	int	PK	
name	varchar(100)		

2.11. Table product_ingredient

2.11.1. Columns

Column name	Type	Properties	Description
product_id	int	PK	
ingredient_id	int	PK	

2.12. Table event_logs

2.12.1. Columns

Column name	Type	Properties	Description
id	int	PK	
event_type	varchar(30)		
affected_table	varchar(30)		
affected_id	int		
event	text		
date	datetime		
user_id	int		

2.13. Table images

2.13.1. Columns

Column name	Type	Properties	Description
id	int	PK	
img_name	varchar(50)		
img_data	int		

3. References

3.1. Reference products_product_purchase

products	1..*	product_purchase
id	<->	product_id

3.2. Reference purchases_product_purchase

purchases	1..*	product_purchase
id	<->	purchase_id

3.3. Reference purchases_users

users	0..*	purchases
id	<->	user_id

3.4. Reference products_categories

categories	1..*	products
id	<->	category_id

3.5. Reference ingredients_product_ingredient

ingredients	1..*	product_ingredient
id	<->	ingredient_id

3.6. Reference products_product_ingredient

products	1..*	product_ingredient
id	<->	product_id

3.7. Reference ingredients_ingredient_allergen

ingredients	1..*	ingredient_allergen
id	<->	ingredient_id

3.8. Reference purchases_desks

desks	0..*	purchases
id	<->	desk_id

3.9. Reference reservations_desks

desks	0..*	reservations
id	<->	desk_id

3.10. Reference ingredient_allergen_allergens

allergens	0..*	ingredient_allergen
id	<->	allergen_id

3.11. Reference eventLogs_users

users	0..*	event_logs
id	<->	user_id

3.12. Reference products_images

images	1..1	products
id	<->	image_id

3.13. Reference reservations_users

users	0..*	reservations
id	<->	user_id