Restaurant Management ERD

Fresko | August 2, 2023

In-store

Food

Finance

Booking

PK	booking_id	int
FK	table_id	int
	booking_name	varchar(50)
	group_size	int
	start_time	timestamp
	duration	float
	contact_phone	varchar(20)
	contact_email	varchar(50)

Table_number

PK	table_id	int
	capacity	int

Order

PK	order_id	int
FK	employee_id	int
FK	table_id	int
	time_ordered	timestamp
	time_delivered	timestamp

Menu_item

PK	menu_item_id	int
	menu_item_name	varchar(50)
	price	float
	course	varchar(10)
	available	binary
	date_added	timestamp
	date_removed	timestamp

Recipe

PK	menu_item_id, ingredient_id	int
FK	menu_item_id	int
FK	ingredient_id	int
	quantity	int

Supplier

PK	supplier_id	int
	supplier_name	varchar(50)
	supplier_address	varchar(50)
	supplier_phone	varchar(20)
	supplier_email	varchar(50)

Ingredients

PK	ingredient_id	int
FK	supplier_id	int
	ingredient_name	varchar(50)
	low_threshold	int
	unit	varchar(10)

Current_stock

PK	ingredient_id, expiry_date, location_id, total_cost	int
FK	ingredient_id	int
FK	location_id	varchar(50)
	expiry_date	int
	total_cost	float
	delivery_date	timestamp
	quantity	varchar(20)

Ingredient_allergen

PK	ingredient_id, allergen_id	int
FK	ingredient_id	int
FK	allergen_id	int

Storage

PK	location_id	int
	location_name	varchar(50)

Order_Item

PK	order_id, menu_item_id	int
FK	order_id	int
FK	menu_item_id	int
	quantity	int
	comment	text

Allergen

PK	allergen_id	int
	allergen_name	varchar(50)

Payment

PK	payment_id	int
FK	order_id	int
	payment_method	varchar(50)
	amount	float
	payment_time	timestamp

Employee

PK	employee_id	int
	first_name	varchar(50)
	last_name	varchar(50)
	job_title	varchar(50)
	employment_type	varchar(50)
	employee_email	varchar(50)
	employee_phone	varchar(20)
	employee_address	varchar(50)
	employee_DOB	date
	employee_gender	varchar(20)

Payroll

PK	salary_id	int
FK	employee_id	int
	year	int
	month	varchar(10)
	hours_worked	float
	hourly_rate	float