

## super\_chef Database

Table	Type	Column	Type	Size	Nulls	Auto	Default	Comments
clientDiscounts	Table	clientId	int4	10			null	
clientDiscounts	Table	discountId	int4	10			null	
clients	Table	email	varchar	50	✓		null	Type varchar(50) because it is variable type and doesnt matter if email will be shorter. Null because it doesnt required.
clients	Table	firstName	varchar	100	✓		null	Type varchar(100) because it is variable type and doesnt matter if name will be shorter.
clients	Table	id	serial	10		✓	nextval('clients_id_seq'::regclass)	
clients	Table	lastName	varchar	100			null	Type varchar(100) because it is variable type and doesnt matter if name will be shorter. Null because it is not required
clients	Table	phoneNumber	varchar	20			null	Type varchar(20) because phoneNumber can not be longer. Not null because it is required.
discountGroups	Table	id	serial	10		✓	nextval("discountGroups_id_seq"::regclass)	
discountGroups	Table	name	varchar	50			null	Type varchar(50) name can be shorter but can not be longer than 50 characters.
discounts	Table	accumulativeBonuses	numeric	5			0	Type float4 because it wont be super long.
discounts	Table	code	varchar	10			null	Type varchar(100) because it is variable type and doesnt matter if name will be shorter.
discounts	Table	count	numeric	5			null	Type numeric(5,2) because we need only 2 digits scale.
discounts	Table	description	text	2147483647	✓		null	Type text because description will be able to

Table	Type	Column	Type	Size	Nulls	Auto	Default	Comments
								have unlimited length.
discounts	Table	endDate	timestamptz	35	✓		null	Type timestamptz because we can have worldwide restaurant. Not null because it is required
discounts	Table	groupId	int4	10			null	
discounts	Table	id	serial	10		✓	nextval('discounts_id_seq'::regclass)	
discounts	Table	startDate	timestamptz	35			null	Type timestamptz because we can have worldwide restaurant. Null because we dont need this data during insert
employeeRoles	Table	description	text	2147483647	✓		null	Type text because description will be able to have unlimited length.
employeeRoles	Table	id	serial	10		✓	nextval('employeeRoles_id_seq'::regclass)	
employeeRoles	Table	name	varchar	50			null	Type varchar(50) name can be shorter but can not be longer than 50 characters.
employees	Table	address	varchar	100			null	
employees	Table	ein	varchar	20			null	Type varchar(20) because ein can not be longer. Not null because it is required. Uniq because it is uniq for each employee.
employees	Table	email	varchar	50	✓		null	Type varchar(50) because it is variable type and doesnt matter if email will be shorter. Null because it is not required.
employees	Table	fireDate	timestamptz	35	✓		null	Type timestamptz because we can have worldwide restaurant. Not null because it is required
employees	Table	firstName	varchar	100			null	Type varchar(100) because it is variable type and doesnt matter if name will be shorter.

Table	Type	Column	Type	Size	Nulls	Auto	Default	Comments
employees	Table	id	serial	10		✓	nextval('employees_id_seq'::regclass)	
employees	Table	lastName	varchar	100			null	Type varchar(100) because it is variable type and doesnt matter if name will be shorter.
employees	Table	offerDate	timestamptz	35			null	Type timestamptz because we can have worldwide restaurant. Not null because it is required
employees	Table	passportCode	varchar	5			null	Type varchar(2) because passportCode can not be longer. Not null because it is required
employees	Table	passportSeries	varchar	10			null	Type varchar(10) because passportSeries wont be super long. Not null because it is required
employees	Table	phoneNumber	varchar	20			null	Type varchar(20) because phoneNumber can not be longer. Not null because it is required.
employees	Table	roleId	int4	10			null	
employees	Table	salary	numeric	5			null	
employees	Table	sex	enum_employees_sex	2147483647			null	
foodGroups	Table	id	serial	10		✓	nextval('foodGroups_id_seq'::regclass)	
foodGroups	Table	name	varchar	100			null	Type varchar(100) name can be shorter but can not be longer than 100 characters.
foodIngredients	Table	foodId	int4	10			null	
foodIngredients	Table	ingredientId	int4	10			null	
foodIngredients	Table	weight	numeric	5			null	Type numeric(5,4) because we need only 4 digits scale, not longer.
foods	Table	description	text	2147483647	✓		null	Type text because description will be able to have unlimited length.

Table	Type	Column	Type	Size	Nulls	Auto	Default	Comments
foods	Table	groupId	int4	10			null	
foods	Table	id	serial	10		✓	nextval('foods_id_seq'::regclass)	
foods	Table	name	varchar	100			null	Type varchar(100) name can be shorter but can not be longer than 100 characters.
foods	Table	price	numeric	5			null	Type numeric(5,2) because we need only 2 digits scale.
ingredients	Table	id	serial	10		✓	nextval('ingredients_id_seq'::regclass)	
ingredients	Table	name	varchar	100			null	Type varchar(100) name can be shorter but can not be longer than 100 characters.
orderFoods	Table	count	int2	5			null	Type smallint because it wont be super long.
orderFoods	Table	foodId	int4	10			null	
orderFoods	Table	orderId	int4	10			null	
orderFoods	Table	price	numeric	5			null	Type numeric(5,2) because we need only 2 digits scale.
orders	Table	clientId	int4	10	✓		null	Null because the client can be incognito. It means that we have no him in our DB.
orders	Table	discountId	int4	10	✓		null	
orders	Table	employeeId	int4	10			null	
orders	Table	endDate	timestampz	35	✓		null	Type timestampz because we can have worldwide restaurant. Not null because it is required.
orders	Table	id	serial	10		✓	nextval('orders_id_seq'::regclass)	
orders	Table	paymentType	enum_orders_paymentType	2147483647			null	Type enum_orders_paymentType because we have only 2 options.
orders	Table	priceWithDiscount	numeric	5	✓		null	Type numeric(5,2) because we need only 2 digits scale. Null because client will be

Table	Type	Column	Type	Size	Nulls	Auto	Default	Comments
								able for pay without discount.
orders	Table	startDate	timestamptz	35			null	Type timestamptz because we can have worldwide restaurant. Null because we dont need this data during insert.
orders	Table	tableId	int4	10			null	
orders	Table	tips	numeric	5	✓		0	Type numeric(5,2) because we need only 2 digits scale. Null because can to let nothing.
orders	Table	totalPrice	numeric	5	✓		null	Type numeric(5,2) because we need only 2 digits scale.
tables	Table	id	serial	10		✓	nextval('tables_id_seq'::regclass)	
tables	Table	seatCount	int2	5	✓		null	Type smallint it is smallest integer type. Not null because it is required.
tables	Table	status	enum_tables_status	2147483647			'free'::enum_tables_status	Type enum_tables_status for check table status.