

Relationship/data model and schema model

https://www.youtube.com/watch?v=xsg9BDiwiJE&ab_channel=LucidSoftware

Inventory DB(RDMS)

MenuItem	
id	Unique identifier for the menu item
itemName	Name of the menu item
imageUrl	URL of the image for the menu item
inStock	Flag indicating if the item is in stock
price	Price of the menu item
description	Description of the menu item
starRating	Average star rating for the menu item
kcal	Kcal content of the menu item

Allergen	
id	
menu_item_id	
name	

Ingredients	
id	
name	
quantity	
description	

MenuItemAllergen (Junction Table)	
MenuItemId(Foreign Key)	
AllergenId(Foreign Key)	

MenuItemIngredients (Junction Table)	

Menu DB(NoSQL)

MenuItem	
id	Unique identifier for the menu item
itemName	Name of the menu item
img	URL of the image for the menu item
available	Flag indicating if the item is in stock
price	Price of the menu item
description	Description of the menu item
starRating	Average star rating for the menu item
kcal	Kcal content of the menu item
allergen	Array of allergens
quantity	Count of how much is available

```
{
  data: [
    {
      id: "1",
      itemName: "curry goat",
      img: "url",
      available: "",
      price: 10.00,
      description: "description",
      starRating: 4.9,
      kcal: 135,
```

```
      allergen: ["dairy"],
    }
  ]
}
```

Menu quantity DB(NoSQL)

MenuItemQuantity	
id	
quantity	

```
{
  data: [
    {
      id: "1",
      quantity: 8
    }
  ]
}
```