

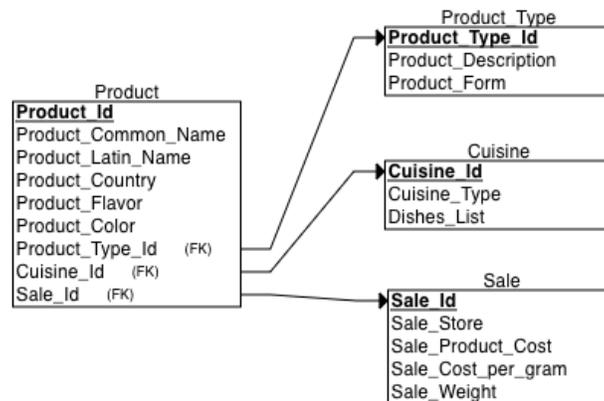
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 ITS312: Database Designs  
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**Week 5: Database Application Development – Personal Project Detail**

**1- General Description**

This database is based on the spices and herbs collection found in my pantry. The purpose of it is to keep track of the different spices I have and their description. This database includes information based on origin, type of cuisine they are used, quantity I currently have, price, the place they were bought, flavor, and color of the spice or herb. It will also include common and Latin names. This database also serves as a spice and herbs information list for those who would like to know more about a certain type of spice or herb.

**2- ERD (Logical and/or Physical, but logical is enough)**



**3- Explain what each table will provide with regard to data and any relationships that are notable.**

**Table of Product:** This table will hold the general information about the product and the primary keys of the other tables of the database. It will be providing an easy way to visualize and understand what product it is.

Product ID	Common Name	Latin Name	Origin	Flavor	Color	Type ID	Cuisine ID	Sale ID
1	Cinnamon	<i>Cinnamomum verum</i>	Middle East	Spicy, Sweet	Brown	330	330	
2	Ras el Hanout	N/A	Morocco	Pungent, Sweet, Warm	Yellow/Gold	400	143	

**Table of Product Type:** This table will hold information about the different types of products that could possibly be found in the pantry. The product could Herb or Spices.

Type ID	Description	Form
200	Herb	Whole
210	Herb	Dried
300	Spice	Ground
310	Spice	Whole Pod
320	Spice	Whole Seed
330	Spice	Whole Stick
400	Herb/Spice Mix	Seasoning

**Table of Cuisine:** This table will hold information about the type of cuisine the spice it is mostly found, and a list of dishes were this spice, herb, or seasoning could be used.

Cuisine ID**	Type of cuisine	Dishes
143	Moroccan	[List of dishes] *
330	Indian	[List of dishes]

\*NOTE: I would like to add another database with a list of dishes. I would like it to make a link so I can click on it, and it will direct me to another tab with the main dishes list.

**Table of Sales:** This table will hold information about brand, store the products were bought, their weight, and information about their cost.

Sale ID**	Product Brand	Store Bought	Store Country	Product Cost	Cost per gram	Weight
401						
402						

\*\*NOTE: Cuisine ID and Sale ID might change.

**4-. Estimate how many rows of data each table will hold, this does not need to be exact but close.**

Table of Products will hold minimum 20 rows.

Table of Product type will hold 7 rows.

Table of Cuisine will hold around 20 rows

Table of Sales will hold around 10 rows.