Table	Description/Documentation	Picture
Recipe Table	Shows the name, description, ID, date, an attached picture and category for each of the five recipes	
	The recipe ID is used as a reference instead of the name in other tables -The recipe ID is the primary key. It is a short text defaulted to 5. -Recipe name and description are short texts. -The recipe date is a date/time data type. -The picture is an attachment. -The category field is a lookup field chosen from category table -There is a many-to-many relationship between recipe table and ingredient table -Relationship between recipe table and recipe step table, using recipe ID -Relationship between recipe table and category table, using category	To the Link Togget Description Recyc Description
Ingredient Table	Shows the name, description, unit of measurement, calories, fat, carbohydrates, dietary fiber, sugar, proteins, sodium, cholesterol and an attached picture for each ingredient	
	Each nutritional value refers to one unit of the ingredient (ex. 551 calories refers to one cup of brown sugar in the table) -The ingredient name is the primary key. It is a short textThe ingredient description is a short text and the picture is an attachmentThe unit is a short text -The nutritional value fields are numeric with set decimal places	Ingredient Name - * 4.4 Juryose Rover * 4.4 Juryose Rover * 4.4 Juryose Rover * 5.5 S. 1

	T	
	There is a many-to-many relationship between recipe table and ingredient table	
	-Relationship between ingredient	
	table and recipe step table, using	
	ingredient name	
	-Relationship between ingredient	
	table and unit table, using unit field	
Unit Table	Shows the different units of	
Offic Table	measurement used for the	Unit → Click to Add →
		⊕ Clove ⊕ Cup
	ingredients in the recipes	ttem Ounce
	-The unit field is the primary key	
	-Relationship between ingredient	● Teaspoon *
D : 0: T !!	table and unit table, using unit field	
Recipe Step Table	Shows the steps for each recipe	
	based on the ingredients	
	There is one ingredient in each	
	recipe step and multiple recipe	
	steps at a given time in the recipe.	
	Each step indicates the recipe step, step time, description of the step, recipe ID, ingredient name and ingredient amount	
	The ingredient amount for each	Messallor Exception - Engineers favour - Symptom Annual - Symptom and an experience of the symp
	step is measured by the unit	2000 \$ 16 M \$ 2.0 \$ 1,0 M \$ 1,0 M
	indicated in the ingredient table	2000 3 delet 2 3250 000 400 exp agent. 2 3250 000 400 exp agent. 2 3250 000 400 exp agent. 2 3250 000 400 exp agent black 2 3250 000 exp agent black 2 3250 000 exp agent black 2 3250 000 exp agent black 2 3250 0
	-The recipe ID and the ingredient	DODD Lamber State Lamber St
	name are the foreign keys.	1000 1 Ferrir Inger 1,75 1,850,000 1,850,000 1,950,000
	-The composite primary key is	
	made up of the recipe ID and the	
	recipe step fields combined.	
	-The recipe step is a number and	
	the step time is a date/time.	
	-Relationship between recipe table	
	and recipe step table, using recipe	
	ID	
	-Relationship between ingredient	
	table and recipe step table, using	
	ingredient name	
	0 /	<u>L</u>

Category Table	Shows the different categories used for the recipes -The category field is the primary key -Relationship between recipe table and category table, using category name	III Category Table Category Na - Click to Add - Install R Dessert N Driver H Lunch
Form	Description/Documentation	Picture
Recipe Form	Shows the recipe table in a form layout. Each recipe is on one sheet of the form. Shows the picture of the recipe. Shows a separate subform of the recipe step table on each sheet for each recipe. The subform shows all the steps of the recipe. -Created a form of the recipe table using Form -Access automatically displays the recipe step table as a subform -Buttons added using Macros in Command button builder -Changed the layout and formatting by making dotted gridlines and changing background color in header/footer	Wolf Gal Recipe Recipe Pedure Recipe Pedure Recipe Description An unpublished and an analysis of the pedure of the peduce of
Ingredient Form	Shows the ingredient table in a form layout. Each ingredient is on one sheet of the form. Shows the picture of the ingredient. Shows a separate subform of the recipe step table on each sheet for each ingredient. The subform shows all the steps that the specific ingredient was used in. -Created a form of the ingredient table using Form -Access automatically displays the recipe step table as a subform -Changed the layout and formatting by making dotted gridlines and changing background color in header/footer	ingraduest basis vigreduct policy vigreduct po

Navigation Form	Opens up when Access opens. Allows user to navigate through only forms/reports to preview each and see what the project consists of. -Create vertical tab navigation under Forms -Edit the format/coloring/sizing of the report -Use access options in current database to open navigation form as the display form.	Next Control
Query	Description/Documentation	Picture
qryRecipeName	Shows list of recipes with their ID, name and date in alphabetical order of the recipe name. -Create query using Query Design -Added recipe ID, recipe name and recipe date from recipe table -Under recipe name, sort in ascending order	Recipe Date 10004 Cookies 6/3/2018 10003 Grilled Cheese 6/12/2018 10001 Mac N Cheese 6/3/2018 10005 Oreo Balls 6/14/2018 10002 Salmon 6/14/2018
qryIngredientName	Shows list of ingredients with their name and description in alphabetical order of the ingredient name. -Create query using Query Design -Added ingredient name and ingredient description from ingredient table -Under ingredient name, sort in ascending order	Regretient Name 2 All purpose four fellows for that is satisfied for that is satisfied for most purposes. Almost Sark Saries of the Saries of
qryRecipeSalt	Shows list of only the recipes that use salt as an ingredient. Shows the recipe ID, recipe name, ingredient name and recipe step of the steps that use salt. -Create query using Query Design -Added recipe name from the recipe table. Added the recipe ID, ingredient name and recipe step from recipe step table. -Under ingredient name, specify 'salt' in the Criteria	RecipelD - Recipe Name - RecipeStep - Ingredient Name - 10001 Mac N Cheese 1 Salt 10001 Mac N Cheese 6 Salt 10002 Salmon 2 Salmon 2 Salmon 10002 Sal

qryRecipeStepCount	Shows list of the count of steps for			
, ,,	each recipe. Shows the recipe ID,			
	recipe name and the count of the			
	number of steps in the recipe.			
	-Create query using Query Design	RecipeID		CountOfRec -
	-Added recipe name from the	10001 10002	Mac N Cheese Salmon	8
	recipe table. Added the recipe ID	10003 10004	Grilled Cheese Cookies	5
	-	10005	Oreo Balls	3
	and recipe step from recipe step			
	table.			
	-Under recipe step, in total row,			
	group by Count			
qryRecipeDate	Shows list of recipes dated on			
	6/3/18 in alphabetical order of the			
	recipe name. Shows recipe name,			
	recipe ID and recipe date.			
	-Create query using Query Design	RecipeID		
	-Added recipe name , recipe ID and	10004	Cookies Mac N Cheese	6/3/2018 6/3/2018
	recipe date from recipe table	*		
	-Under recipe name, sort in			
	ascending order. Under recipe			
	date, specify #6/3/2018# in the			
	Criteria row			
qryRecipeNutritionInfo	Shows list of the total calories, total			
	fat, total carbohydrates, total			
	dietary fiber, total sugar, total			
	proteins, total sodium and total			
	cholesterol in each recipe in			
	ascending order according to the			
	total calories.			
	-Create query using Query Design			
	-Added recipe name from recipe			
	table.	Silet Chees 411	Total Fat - Total Sodium - Total Cholesterol - Total Carbolydrates - 2027 0.5064 0.0766 25.60	12 231 1059
	-Used expression builder to	Cnec Balls 1385.6	255 305 448 1057 353 150 43 353 1005 555 106 1552	25 322 412
	calculate the total calories, total		284 020 13 456	
	fat, total carbohydrates, total			
	dietary fiber, total sugar, total			
	proteins, total sodium and total			
	cholesterol by summing up the			
	ingredient amount from the recipe			
	1			
	step table and the amount per unit of each nutritional value from the			
	ingredient table			

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dietary fiber, total sugar, total				
proteins, total sodium and total				
cholesterol for each recipe step of				
each recipe in ascending order				
-				
	Section - Recipilities - Cookies 1 Problem ments 200 days	wee F. Shi brown sugar trits a bowl.	Scripto	- Total Calon
	Cookies 2 SPL filter 1900 a bowl. Cookies 5 Str in aggs. Cookies 4 No coulter 1910 filter 1910 Cookies 5 Filth or discolled 1910 in 5 Grided Chance 1 Firefull skillet over med	lure until dough is coverny. Ipons dough eros a leining sheet, keeps Ium heet. Talansee sloe of bread.	ng frem about 3 mines apart, toke until stightly	2 brown, 10 to 15 minutes, Look
	Orded Chesse Z dutter one side of the toll larked Chesse S ASE 2 discool of disease. Orded Chesse 4 Table a record above of ton defined Chesse 3 dutter one side of the toll hist is Chesse I during a large por of lights	ead. Mean impactivation order down comment. ead.	s delectedans. Sandwall, Physicanic griff serial chances, mad	tec. di
	Mar N Checke 2 Cook officer massered in I Mar N Checke 5 Mer Budforn in succept Mar N Checke 6 life in pagear until smed Mar N Checke 5 life in sale until smooth, Mar N Checke 6 lite in sale until smooth,	boding svales, zörring occazionally until n over neolium hast, gh, about 5 minutes, about 5 minutes, about 5 minutes,	Cooled Prough, Eminutes, Deats.	40
-	Mar II Cheese 7 Sharily pour mills rido but Mar II Cheese 8 Anist checklar measer to in Mar II Cheese II Fold reasons into other Cheo Balls 2 Mar ones combine smalls (theo Balls 2 Mar ones cheese with it	ther flow mixture while continuously of risk medium and star until objects is made or sauce until cooled. Is in allowed. The prumbs to bowl, solf mod balls and an	itiming until missure is amouth and buildibing, also trad. I to a missilips. Targe on basing them: Timore until solid, about	out 3 monutes. 5
•	Des Eath 2 Meth almost bank. Open 5-looker 1 in a small beek, misconer 5-looker 2 for mark. Saltoon 2 for mark. Saltoon 4 for misconer set.	ockie balls in almond bart. Terbrigenter is val butter until very sichloriol, almost m	urti custing is Tim, about 15 minutus. Includ	100 400
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Description/Documentation	Picture			
		FIC		
Shows a report of list of the recipe		FIC		
ID, recipe name, recipe date and	uu b D a siin a Ni		<u></u>	
	rptRecipeNa			
ID, recipe name, recipe date and	rptRecipeNa Recipe Name Cookles		Recipe Date 6/3/2018	StepTime 8:20:00 PM
ID, recipe name, recipe date and recipe time in alphabetical order of	Recipe Name Cookies Cookies	ame RecipeID	Recipe Date 6/3/2018 6/3/2018	
ID, recipe name, recipe date and recipe time in alphabetical order of the recipe name.	Recipe Name Cookies Cookies Cookies Cookies	RecipeID 10004 10004 10004 10004	Recipe Date 6/3/2018 6/3/2018 6/3/2018 6/3/2018	8:20:00 PM 8:00:00 PM 8:00:00 PM 8:05:00 PM
ID, recipe name, recipe date and recipe time in alphabetical order of the recipe name. -Create query using Query Design	Recipe Name Cookies Cookies Cookies	RecipeID 10004 10004	Recipe Date 6/3/2018 6/3/2018 6/3/2018	8:20:00 PM 8:00:00 PM 8:00:00 PM
ID, recipe name, recipe date and recipe time in alphabetical order of the recipe name. -Create query using Query Design -Added recipe name and recipe	Recipe Name Cookies Cookies Cookies Cookies Cookies	RecipeID 10004 10004 10004 10004 10004	Recipe Date 6/3/2018 6/3/2018 6/3/2018 6/3/2018	8:20:00 PM 8:00:00 PM 8:00:00 PM 8:05:00 PM 8:05:00 PM
ID, recipe name, recipe date and recipe time in alphabetical order of the recipe name. -Create query using Query Design -Added recipe name and recipe date from recipe table. Added	Recipe Name Cookies Cookies Cookies Cookies Cookies Gookies Grilled Cheese Grilled Cheese	RecipeID 10004 10004 10004 10004 10004 10003 10003	Recipe Date 6/3/2018 6/3/2018 6/3/2018 6/3/2018 6/3/2018 6/12/2018 6/12/2018 6/12/2018	8:20:00 PM 8:00:00 PM 8:00:00 PM 8:05:00 PM 8:00:00 PM 3:00:00 PM 3:02:00 PM
ID, recipe name, recipe date and recipe time in alphabetical order of the recipe name. -Create query using Query Design -Added recipe name and recipe date from recipe table. Added recipe ID and recipe time from	Recipe Name Cookies Cookies Cookies Cookies Cookies Cookies Grilled Cheese Grilled Cheese Grilled Cheese Grilled Cheese Grilled Cheese Mac N Cheese	RecipeID 10004 10004 10004 10004 10003 10003 10003 10003 10000 100000 100000 1000000	Recipe Date 6/3/2018 6/3/2018 6/3/2018 6/3/2018 6/12/2018 6/12/2018 6/12/2018 6/12/2018 6/12/2018	8:20:00 PM 8:00:00 PM 8:00:00 PM 8:00:00 PM 8:00:00 PM 3:00:00 PM 3:00:00 PM 3:00:00 PM 3:01:00 PM 3:01:00 PM
ID, recipe name, recipe date and recipe time in alphabetical order of the recipe name. -Create query using Query Design -Added recipe name and recipe date from recipe table. Added recipe ID and recipe time from recipe step tableUnder recipe name, sort in	Recipe Name Cookies Cookies Cookies Cookies Cookies Grilled Cheese Grilled Cheese Grilled Cheese Grilled Cheese Mac N Cheese Mac N Cheese	RecipeID 10004 10004 10004 10004 100004 100003 10003 10003 10003 10001 10001 10001 10001	Recipe Date 6/3/2018 6/3/2018 6/3/2018 6/3/2018 6/3/2018 6/12/2018 6/12/2018 6/12/2018 6/12/2018 6/3/2018 6/3/2018	8:20:00 PM 8:00:00 PM 8:00:00 PM 8:00:00 PM 8:00:00 PM 3:00:00 PM 3:00:00 PM 3:00:00 PM 3:00:00 PM 1:00:00 PM 1:23:00 PM
ID, recipe name, recipe date and recipe time in alphabetical order of the recipe name. -Create query using Query Design -Added recipe name and recipe date from recipe table. Added recipe ID and recipe time from recipe step table. -Under recipe name, sort in ascending order	Recipe Name Cookles Cookles Cookles Cookles Cookles Gollied Cheese Grilled Cheese Grilled Cheese Grilled Cheese Grilled Cheese Mac N Cheese Mac N Cheese	RecipeID 10004 10004 10004 10004 100004 100003 10003 10003 10003 100003 100003 100001 100001 100001	Recipe Date 6/3/2018 6/3/2018 6/3/2018 6/3/2018 6/3/2018 6/12/2018 6/12/2018 6/12/2018 6/12/2018 6/12/2018 6/3/2018	8:20:00 PM 8:00:00 PM 8:00:00 PM 8:00:00 PM 8:00:00 PM 8:00:00 PM 3:00:00 PM 3:00:00 PM 3:01:00 PM 3:01:00 PM 1:23:00 PM 1:23:00 PM
ID, recipe name, recipe date and recipe time in alphabetical order of the recipe name. -Create query using Query Design -Added recipe name and recipe date from recipe table. Added recipe ID and recipe time from recipe step table. -Under recipe name, sort in ascending order -Create a report of the query using	Recipe Name Cookies Cookies Cookies Cookies Cookies Grilled Cheese Grilled Cheese Grilled Cheese Grilled Cheese Mac N Cheese Mac N Cheese	RecipeID 10004 10004 10004 10004 100004 100003 10003 10003 10003 10001 10001 10001 10001	Recipe Date 6/3/2018 6/3/2018 6/3/2018 6/3/2018 6/3/2018 6/12/2018 6/12/2018 6/12/2018 6/12/2018 6/3/2018 6/3/2018	8:20:00 PM 8:00:00 PM 8:00:00 PM 8:00:00 PM 8:00:00 PM 3:00:00 PM 3:00:00 PM 3:00:00 PM 3:00:00 PM 1:00:00 PM 1:23:00 PM
ID, recipe name, recipe date and recipe time in alphabetical order of the recipe name. -Create query using Query Design -Added recipe name and recipe date from recipe table. Added recipe ID and recipe time from recipe step table. -Under recipe name, sort in ascending order	Recipe Name Cookies Cookies Cookies Cookies Cookies Grilled Cheese Grilled Cheese Grilled Cheese Grilled Cheese Mac N Cheese Mac N Cheese	RecipeID 10004 10004 10004 10004 100004 100003 10003 10003 10003 10001 10001 10001 10001	Recipe Date 6/3/2018 6/3/2018 6/3/2018 6/3/2018 6/3/2018 6/12/2018 6/12/2018 6/12/2018 6/12/2018 6/3/2018 6/3/2018	8:20:00 PM 8:00:00 PM 8:00:00 PM 8:00:00 PM 8:00:00 PM 3:00:00 PM 3:00:00 PM 3:00:00 PM 3:00:00 PM 1:00:00 PM 1:23:00 PM
	Shows list of the total calories, total fat, total carbohydrates, total dietary fiber, total sugar, total proteins, total sodium and total cholesterol for each recipe step of each recipe in ascending order according to recipe name and recipe step. -Create query using Query Design -Added recipe name from recipe table. Added recipe step and description from recipe step table. -Used expression builder to calculate the total calories, total fat, total carbohydrates, total dietary fiber, total sugar, total proteins, total sodium and total cholesterol by summing up the ingredient amount from the recipe step table and the amount per unit of each nutritional value from the ingredient table of each recipe step -Under recipe name and recipe step, sort in ascending order	Shows list of the total calories, total fat, total carbohydrates, total proteins, total sodium and total cholesterol for each recipe step of each recipe in ascending order according to recipe name and recipe step. -Create query using Query Design -Added recipe name from recipe table. Added recipe step and description from recipe step table. -Used expression builder to calculate the total calories, total fat, total carbohydrates, total dietary fiber, total sugar, total proteins, total sodium and total cholesterol by summing up the ingredient amount from the recipe step table and the amount per unit of each nutritional value from the ingredient table of each recipe step -Under recipe name and recipe step, sort in ascending order	Shows list of the total calories, total fat, total carbohydrates, total dietary fiber, total sugar, total proteins, total sodium and total cholesterol for each recipe step of each recipe in ascending order according to recipe name and recipe step. -Create query using Query Design -Added recipe name from recipe table. Added recipe step and description from recipe step tableUsed expression builder to calculate the total calories, total fat, total carbohydrates, total dietary fiber, total sugar, total proteins, total sodium and total cholesterol by summing up the ingredient amount from the recipe step table and the amount per unit of each nutritional value from the ingredient table of each recipe step -Under recipe name and recipe step, sort in ascending order	Shows list of the total calories, total fat, total carbohydrates, total dietary fiber, total sugar, total proteins, total sodium and total cholesterol for each recipe step of each recipe in ascending order according to recipe name and recipe step. -Create query using Query Design -Added recipe name from recipe table. Added recipe step and description from recipe step table. -Used expression builder to calculate the total calories, total fat, total carbohydrates, total dietary fiber, total sugar, total proteins, total sodium and total cholesterol by summing up the ingredient amount from the recipe step table and the amount per unit of each nutritional value from the ingredient table of each recipe step -Under recipe name and recipe

	alphabetical order of the ingredient	rptIngredientName		
	name.	Ingredient Name All-purpose flour	Ingredient Description refined flour that is suitable for most	
	-Create report of	Almond bark	purposes vanilla-flavored	
	<u> </u>	Black pepper Brown sugar	peppercorns used as seasoning	
	qryIngredientName using Report	Butter Cheddar cheese	a soft yellowish buttery substance a firm, cow's milk cheese	
		Chocolate chips Cream cheese	semi-sweet	
		Eggs Elbow macaroni	pasta in elbow shape	
		Garlic Lemon zest	, , , , , , , , , , , , , , , , , , ,	
		Lemons	white liquid produced by the mammary	
		Oreos	glands of mammals crushed	
wat Do sin a Data	Charres a remark of list of resises	Red pepper flakes		
rptRecipeDate	Shows a report of list of recipes			
	dated on 6/3/18 in alphabetical			
	order of the recipe name. Shows	rptReci	peDate	
	recipe name, recipe ID and recipe	RecipeID Recipe Na		
	date.	10004 Cookies 10001 Mac N Che	6/3/2018 eese 6/3/2018	
	-Create report of gryRecipeDate			
	using Report			
rptRecipeNutritionInfo	Shows a report of list of the total			
	calories, total fat, total			
	carbohydrates, total dietary fiber,			
	total sugar, total proteins, total	rptRecipeNutritionInfo		
	sodium and total cholesterol in	Facigo Name Total Culturies Total Fix Griffed Cheese 4KK.X 253.1 Mac N Cheese 2886.3 2886.5	R. Total Sodourn - Total Challed Sale - Total Challed Sale - Total Sal	
	each recipe in ascending order	One of bulls 2003.0 Salvace 3840.00 Cookers 4030.20 2290.4	8 1.542 0.12 90.3 29 185.3 A4.1 5 25.5513 1.1096 1155.88 35 291.85 277.68 4 0.2227 0.54 495.61 201.1 198.11 00.41	
	according to the total calories.			
	-Create report of			
	qryRecipeNutritionInfo using			
	Report			
rptRecipeSalt	Shows a report of list of only the			
, pericolpedate	recipes that use salt as an			
	ingredient. Shows the recipe ID,	rptRecipeSalt		
	recipe name, ingredient name and	RecipeID Recipe Name 10001 Mac N Cheese	RecipeStep Ingredient Name 6 Salt	
	recipe step of the steps that use	10001 Mac N Cheese	1 Salt 2 Salt	
	salt.			
	-Create report of qryRecipeSalt			
	using Report			
rptRecipeStepCount	Shows a report of list of the count			
	of steps for each recipe. Shows the	rptRecipeSt	tepCount	
	recipe ID, recipe name and the	RecipeID Recipe Name	CountOfRecipeStep	
	count of the number of steps in the	10001 Mac N Cheese 10002 Salmon	9	
	recipe.	10003 Grilled Cheese	5	
	-Create report of	10004 Cookies 10005 Oreo Balls	3	
	qryRecipeStepCount using Report			
Recipe Summary	Shows a report of list of the total			
	·			
Report	calories, total fat, total			

carbohydrates, total dietary fiber, total sugar, total proteins, total sodium and total cholesterol for each recipe step of each recipe in ascending order according to recipe name and recipe step.

-Create report of Recipe Summary query using Report

