User Manual

Smith Family Recipes

This book contains family recipes which have been passed down from generation to generation within the Smith family. Some of these may be homemade recipes, while others came from old cookbooks, newspaper cuttings or magazines over the years. This database will preserve, in a more modern way, all the recipes that are dear to the family to be passed down for years to come.

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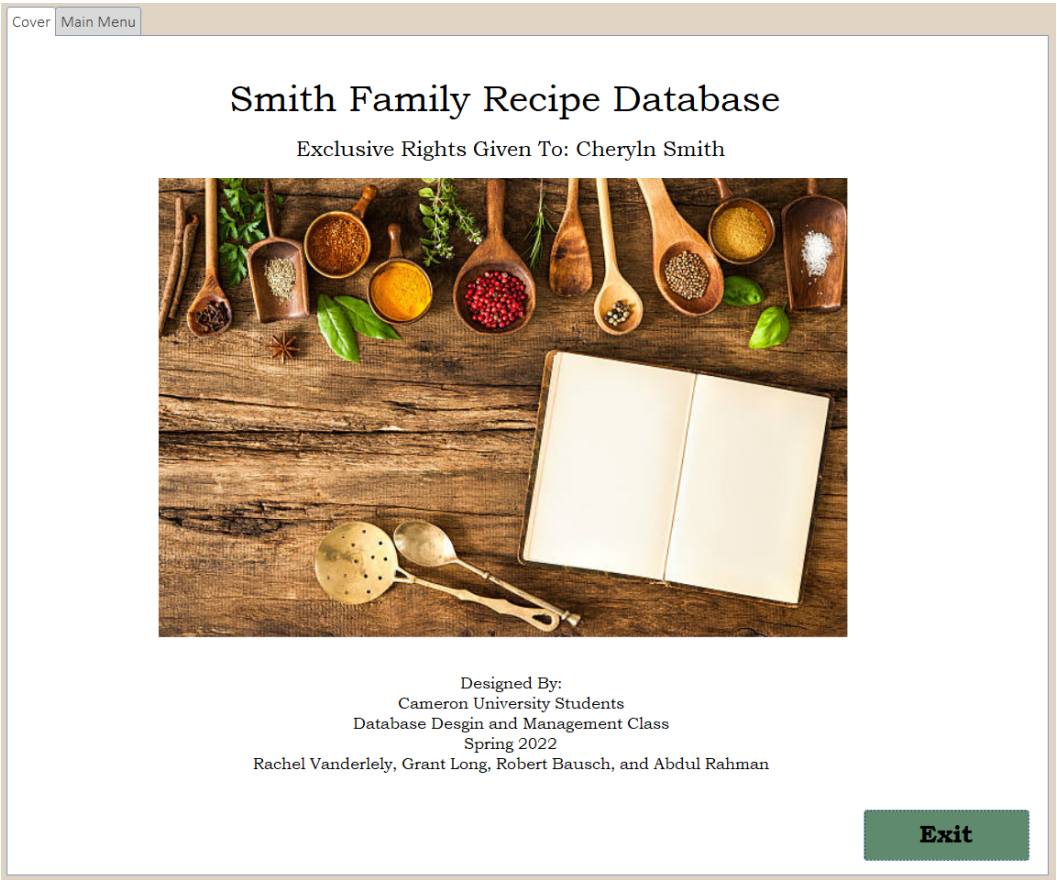
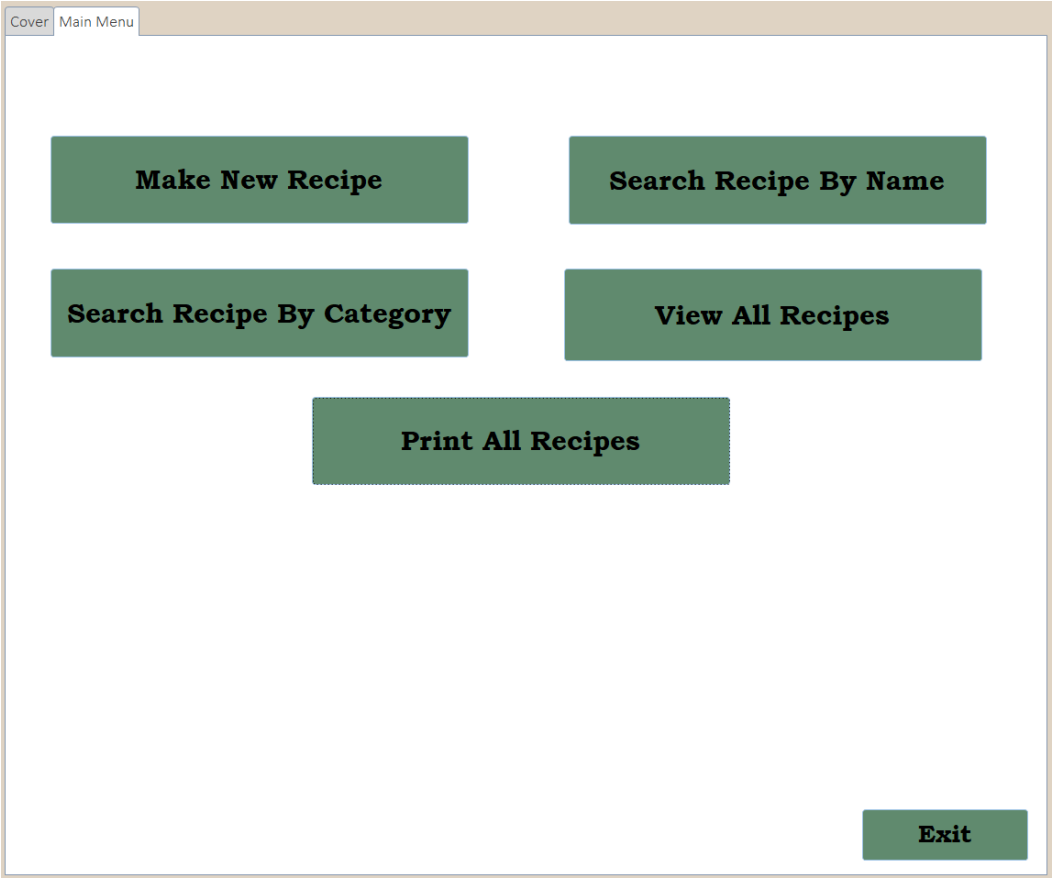
Cover Page



This is the cover page, also sometimes referred to as a splash page. When the user opens the program, this is the page that will automatically be displayed. From this cover page, the user has two options. First, the user may click the *Main Menu* tab displayed at the top to open the main menu. Otherwise, the user may click the *Exit* button, which will end the program.

Main Menu



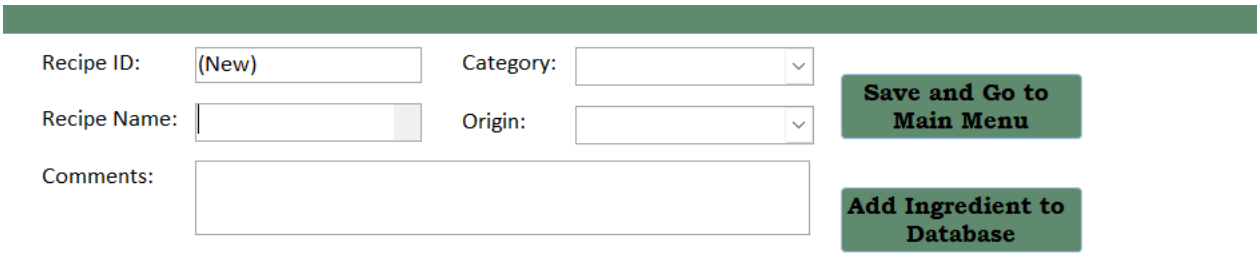
This is the *Main Menu* page. This page displays the buttons that a user can click to interact with the database. To make a new recipe the user must push the *Make New Recipe* button. To search for an existing recipe by name the user must push the *Search Recipe By Name* button.

To search for an existing recipe by Category the user must push the *Search Recipe By Name* button. To view all recipes the user must push the *View All Recipes* button.

To print all recipes in the book the user must push *Print All Recipes*. The user will have the option to print individual recipes from other forms, which will be explained later in this user manual. If the user pushes a wrong button, they will be able to easily navigate back to this Main Menu page.

To exit the program the user must push the *Exit* button.

Make a New Recipe



The *Make New Recipe* button navigates to the screen shown above. The tab order will start in the *Recipe Name* box and will be waiting for user input. The user must start by entering the name of the recipe they want to add and then pressing the *tab* button on their keyboard. This field is required.

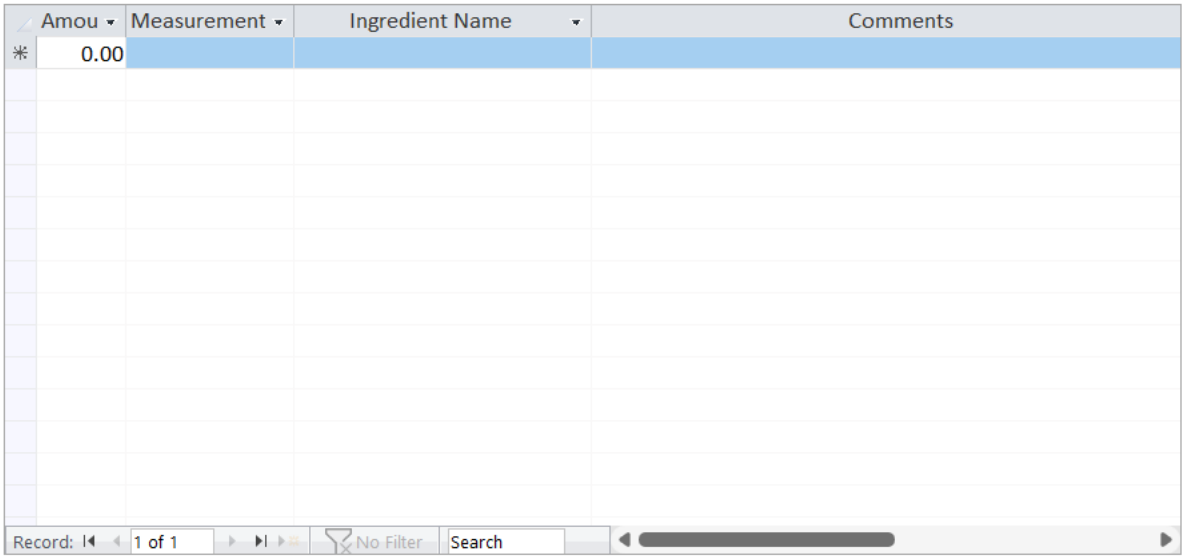
The cursor will then be brought to the *category* field where the user may either begin typing the category name or they may use the drop-down button to select the category. If the desired category is not listed, please see the *Adding a Category* section of the user manual. This field is required.

The user must then press *tab* button on their keyboard to be brought to the *Origin* input where the user may either begin typing the origin name or they may use the drop-down button to select the origin. If the desired origin is not listed, please see the *Adding an Origin* section of the user manual. This field is required.

The user must then press *tab* button on their keyboard to be brought to the *Comment* field where the user may enter comments about the recipe. For example, the user may note the best time of year to make a particular recipe. This field is optional. The user must then press the *tab* button on their keyboard to have the input cursor move to the ingredient section of the form.

The next page explains how to enter ingredients.

Make a New Recipe Continued...



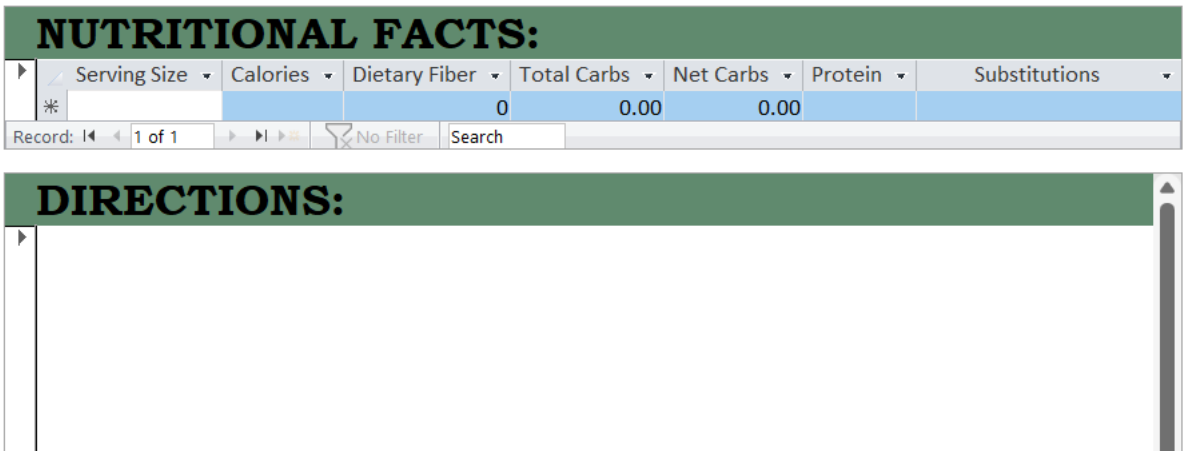
With the user's cursor in the *Amount* field the user must type the amount of the ingredient they would like to enter. The amount field may only be an integer or decimal number. This field is required. The user must then press the *tab* button on their keyboard to be brought to the *Measurement* field.

From the *Measurement* field the user may either begin typing the measurement or they may use the drop-down button to select the measurement. If the desired measurement is not listed, please see the *Adding a Measurement* section of the user manual. This field is optional. The user must then press *tab* button on their keyboard to be brought to the *Ingredient Name* field.

The from the *Ingredient Name* field the user may either begin typing the ingredient or they may use the drop-down button to select the ingredient. If the desired ingredient is not listed the user will need to push the *Add Ingredient to Database* button. Please see the *Adding an Ingredient* section of the user manual. This field is required. The user must then press *tab* button on their keyboard to be brought to the *Comment* field.

The from the *Comment* field the user may type comments about each ingredient. For example, the user may specify what temperature or cut an ingredient must be. Such as, room temperature butter or minced garlic. This field is optional. The user must then press *tab* button on their keyboard to be brought to the *Serving Size* field of nutritional facts.

Make a New Recipe Continued...

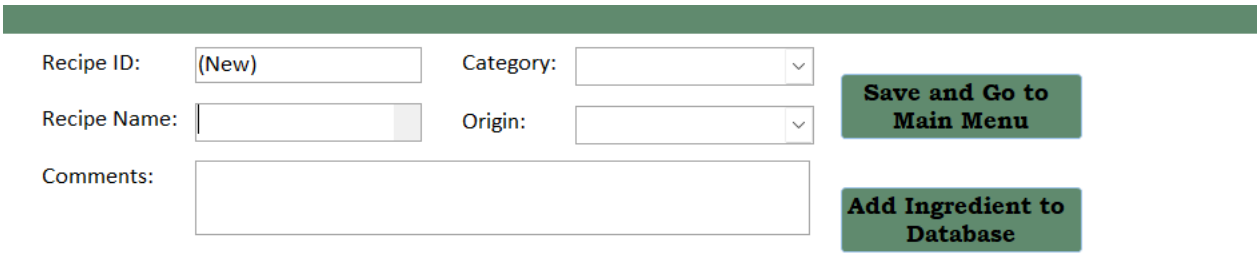


With the user's cursor in the *Serving Size* field the user must type the serving size of the recipe. This value may be an integer or decimal number. This field is optional. The remaining fields in the *Nutritional Facts* section can be navigated through using the *tab* button on the user's keyboard. The remaining fields in the *Nutritional Facts* section can accept integer or decimal types, excluding *Substitutions*.

The substitutions field takes in any optional substitutions the user may want to include. All fields in the *Nutritional Facts* section are optional. The user must then press *tab* button on their keyboard to be brought to the *Directions* field. With the user's cursor in the *Directions* field the user must enter the directions for the recipe they are creating. As the user types the directions in the *Directions* field, they will need to press the *Enter* key on their keyboard to make a new line. The user must make a new line when the text begins approaching the end of the textbox, to ensure the writing does not flow out of bounds.

After directions have been entered the user must push the *Save and Go to Main Menu* button at the top of their screen. This button press will save the new recipe to the database and bring the user back to the *Main Menu* screen. The newly entered recipe can then be viewed or printed from the searching methods described later in this User Manual.

Add an Ingredient to the Database



If while entering a recipe, the desired ingredient is not listed the user will need to push the *Add Ingredient to Database* button. This button is shown above. This button will bring the user to the screen below.

Once you arrive at the *Add Ingredient to Database* screen you will see that the *Ingredient Name* field already has previous data in the field from the last time it was used. The user must press the *Clear Textbox* button to clear the textbox. The textbox will be cleared, as shown on the next page.

The user must then enter the ingredient that they would like to add to the database in the *Ingredient Name* field. After the user enters the ingredient in the *Ingredient Name* field, they must press the *Add Ingredient* button to add it to the database. The user may repeat these steps to add multiple ingredients to the database. Once the user is done adding ingredients to the database, they must push the *Back to Add Recipe* button to go back to the Add a Recipe form.

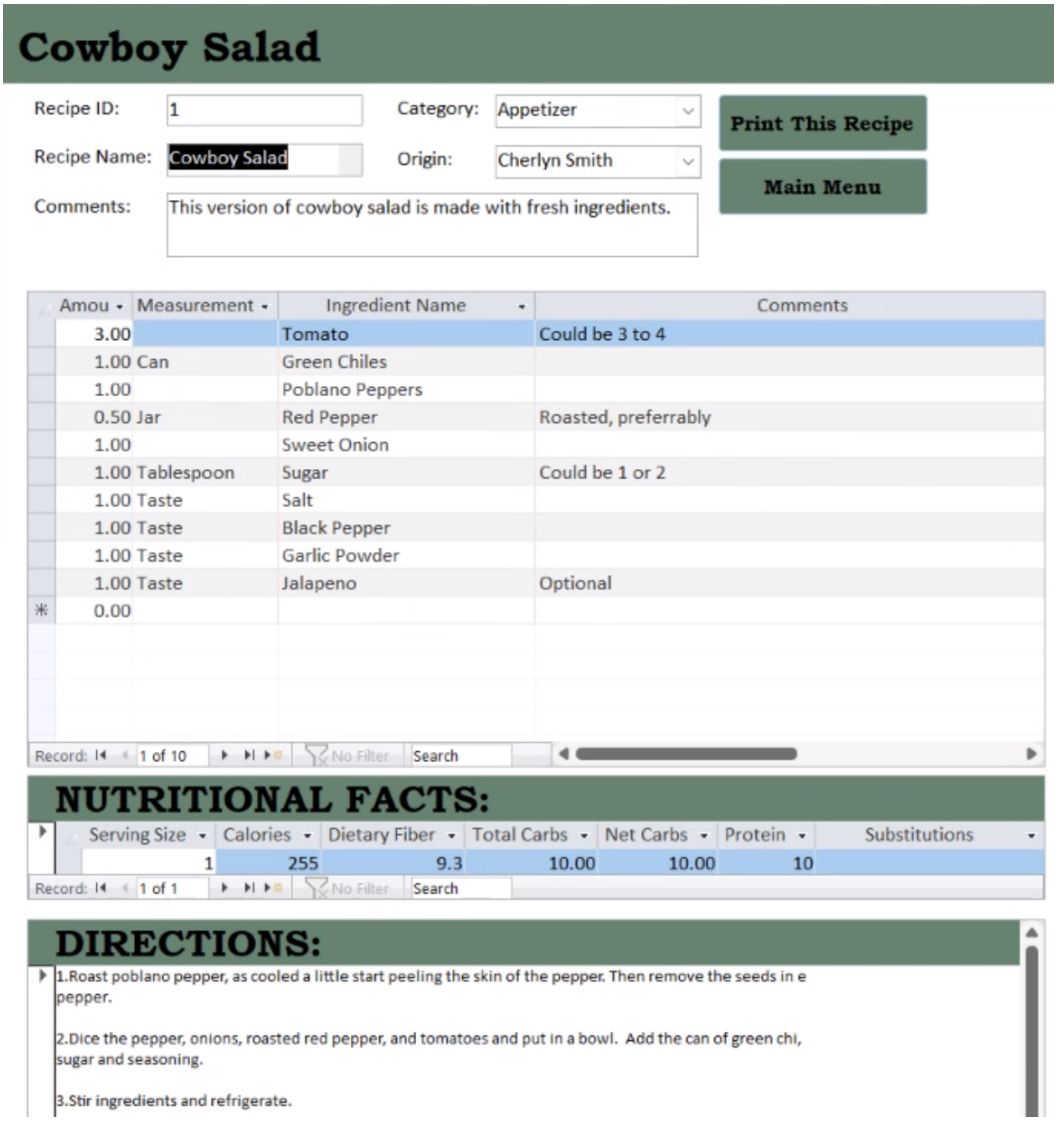
Search Recipe by Name

The *Search Recipe By Name* button triggers the popup box as displayed above. The user may type in a full recipe name or may type one or multiple characters that are used in the recipe name. This search will display any recipes which contain the characters that the user typed into the search field. If the user does not type any character, then all recipes will be displayed.

Once the user presses the *OK* button, the first recipe matching the search will be displayed on the screen as shown above. If there are multiple recipes that meet the search criteria, then the user may use the left and right arrows as shown above to navigate through the search results. The search results are in alphabetical order by recipe name. Once the user finds the desired recipe, they must press the *Open This Recipe* button to display the full recipe. At any time, the user may press the *Back to Main Menu* button to go back to the main menu.

Search Recipe by Name Continued…

The *Open This Recipe* button displays the full recipe as shown below. From this screen the user may print the recipe by pressing the *Print This Recipe* button. The user may also return to the Main Menu by pressing the *Main Menu* button.



Cowboy Salad

Recipe ID: 1
Category: Appetizer
Recipe Name: Cowboy Salad
Origin: Cherlyn Smith
Comments: This version of cowboy salad is made with fresh ingredients.

Print This Recipe
Main Menu

Amou	Measurement	Ingredient Name	Comments
3.00		Tomato	Could be 3 to 4
1.00	Can	Green Chiles	
1.00		Poblano Peppers	
0.50	Jar	Red Pepper	Roasted, preferrably
1.00		Sweet Onion	
1.00	Tablespoon	Sugar	Could be 1 or 2
1.00	Taste	Salt	
1.00	Taste	Black Pepper	
1.00	Taste	Garlic Powder	
1.00	Taste	Jalapeno	Optional
0.00			

Record: 1 of 10 No Filter Search

NUTRITIONAL FACTS:

Serving Size	Calories	Dietary Fiber	Total Carbs	Net Carbs	Protein	Substitutions
1	255	9.3	10.00	10.00	10	

Record: 1 of 1 No Filter Search

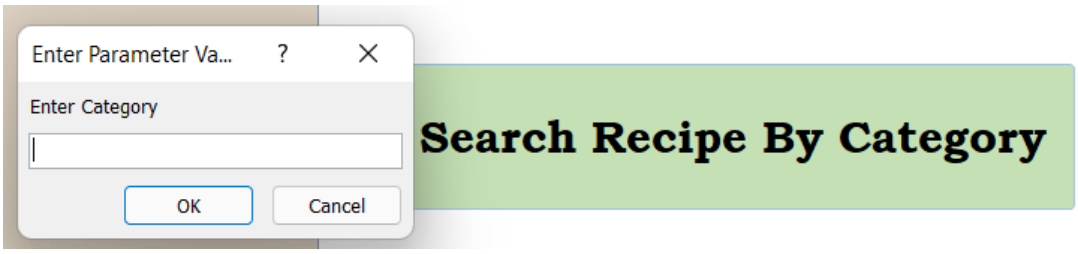
DIRECTIONS:

1.Roast poblano pepper, as cooled a little start peeling the skin of the pepper. Then remove the seeds in e pepper.

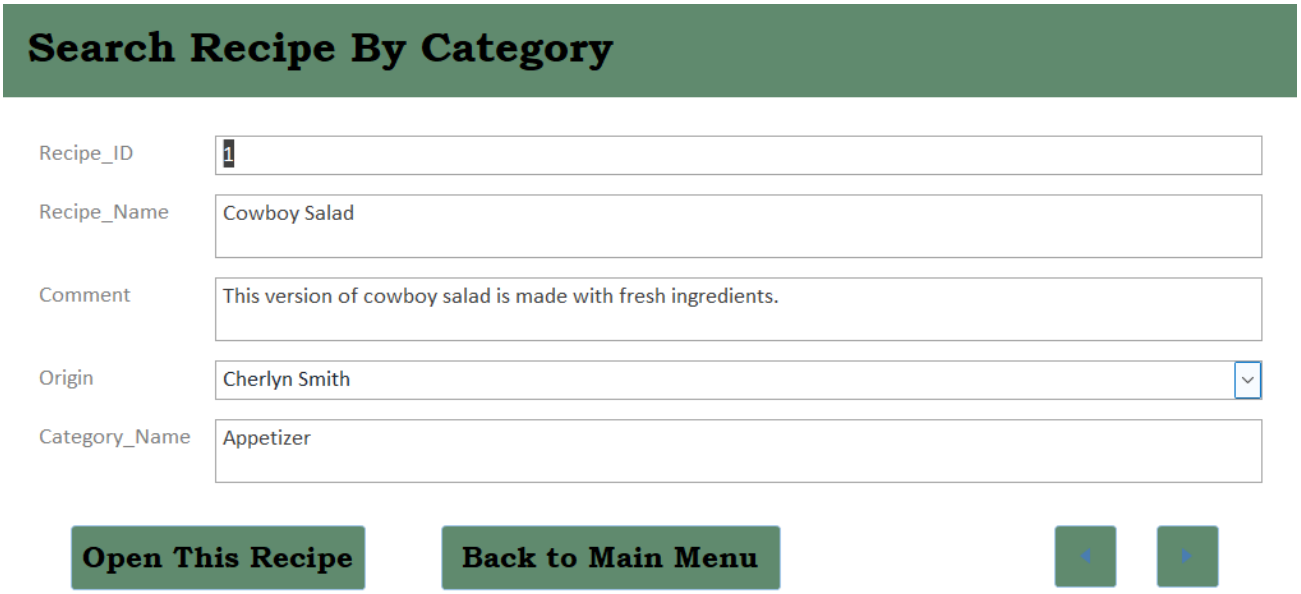
2.Dice the pepper, onions, roasted red pepper, and tomatoes and put in a bowl. Add the can of green chi, sugar and seasoning.

3.Stir ingredients and refrigerate.

Search Recipe by Category



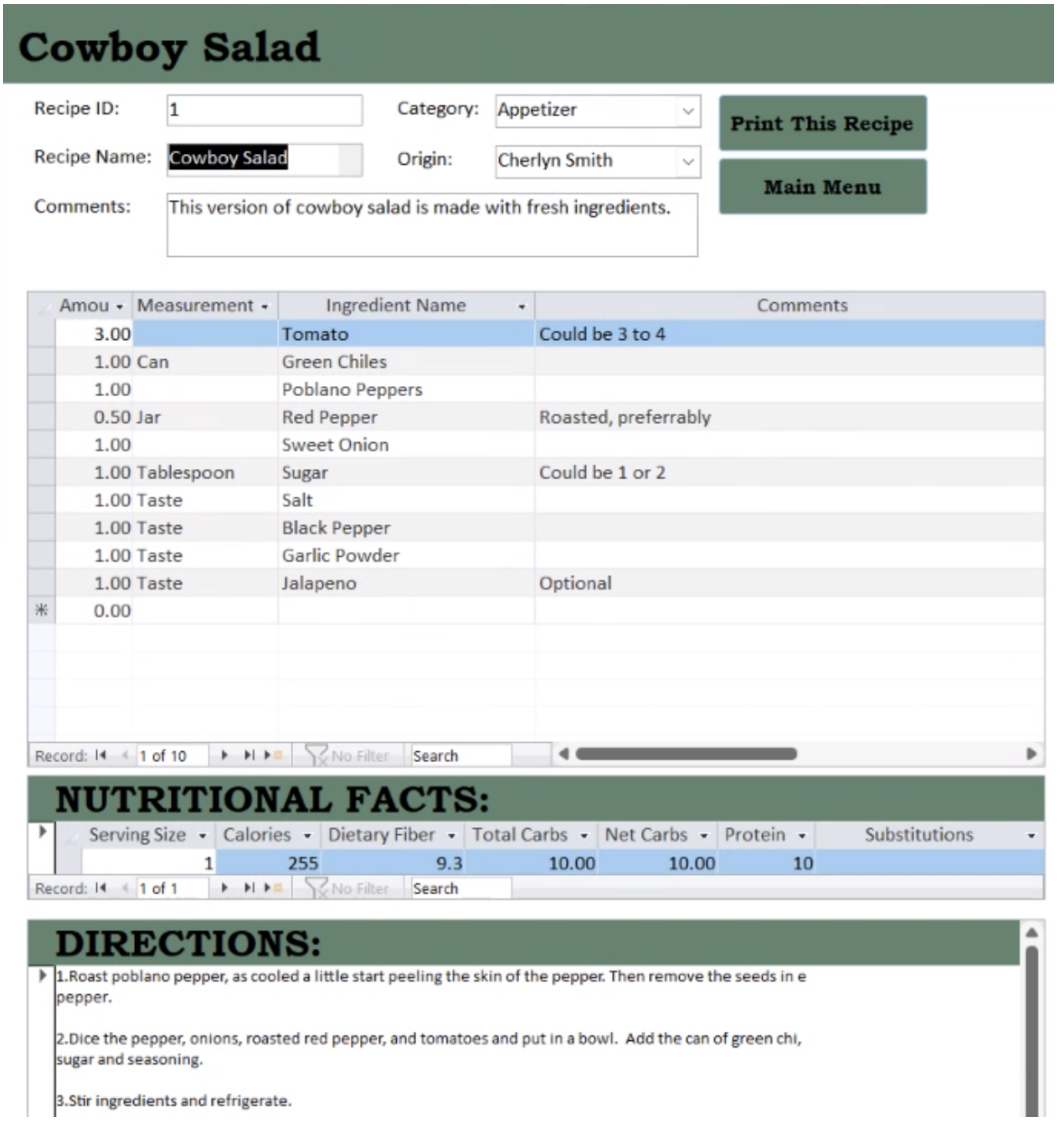
The *Search Recipe By Category* button triggers the popup box as displayed above. The user may type in a full category name or may enter one or multiple characters that are used in the category name. This search will display any recipes that are stored in that specific category. If the user does not type any character, then all recipes from all categories will be displayed.



Once the user presses the *OK* button, the first recipe matching the search will be displayed on the screen as shown above. If there are multiple recipes that meet the search criteria, then the user may use the left and right arrows as shown above to navigate through the search results. The search results are displayed by category name in alphabetical order. Once the user finds the desired recipe, they must press the *Open This Recipe* button to display the full recipe. At any time, the user may press the *Back to Main Menu* button to go back to the main menu.

Search Recipe by Category Continued…

The *Open This Recipe* button displays the full recipe as shown below. From this screen the user may print the recipe by pressing the *Print This Recipe* button. The user may also return to the Main Menu by pressing the *Main Menu* button.



Cowboy Salad

Recipe ID: 1
Category: Appetizer
Recipe Name: Cowboy Salad
Origin: Cherlyn Smith
Comments: This version of cowboy salad is made with fresh ingredients.

Print This Recipe
Main Menu

Amou	Measurement	Ingredient Name	Comments
3.00		Tomato	Could be 3 to 4
1.00	Can	Green Chiles	
1.00		Poblano Peppers	
0.50	Jar	Red Pepper	Roasted, preferrably
1.00		Sweet Onion	
1.00	Tablespoon	Sugar	Could be 1 or 2
1.00	Taste	Salt	
1.00	Taste	Black Pepper	
1.00	Taste	Garlic Powder	
1.00	Taste	Jalapeno	Optional
0.00			

Record: 1 of 10 No Filter Search

NUTRITIONAL FACTS:

Serving Size	Calories	Dietary Fiber	Total Carbs	Net Carbs	Protein	Substitutions
1	255	9.3	10.00	10.00	10	

Record: 1 of 1 No Filter Search

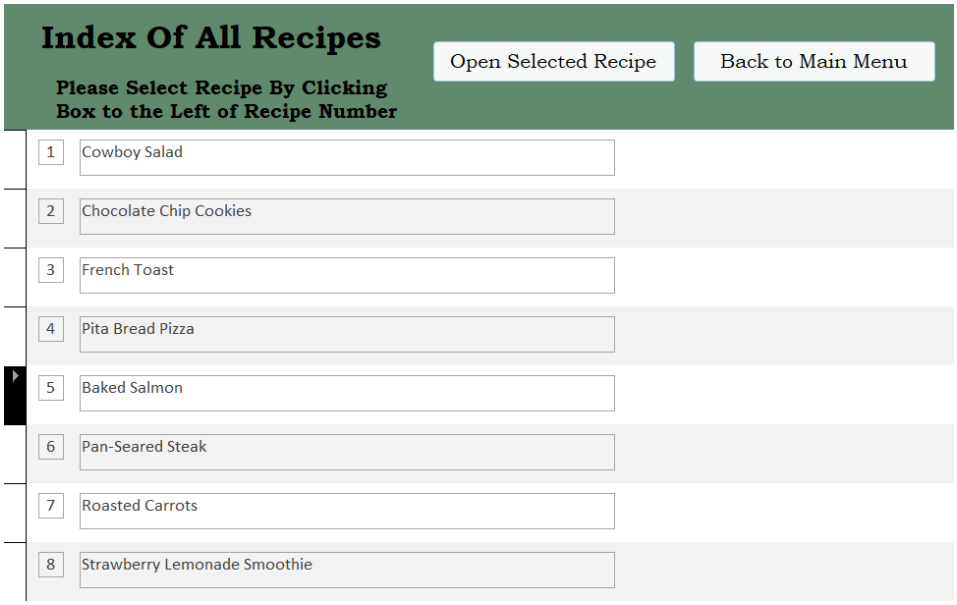
DIRECTIONS:

1.Roast poblano pepper, as cooled a little start peeling the skin of the pepper. Then remove the seeds in e pepper.

2.Dice the pepper, onions, roasted red pepper, and tomatoes and put in a bowl. Add the can of green chi, sugar and seasoning.

3.Stir ingredients and refrigerate.

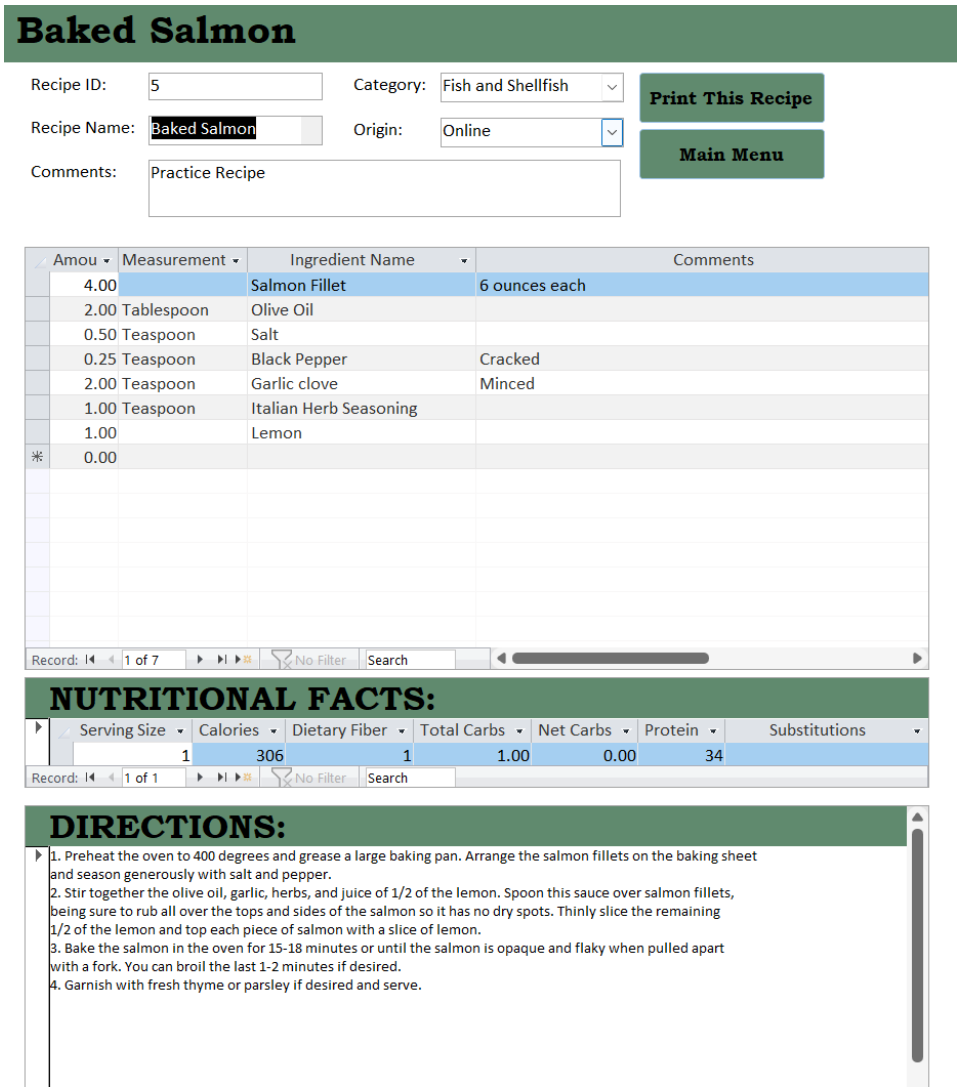
View All Recipes



The *View All Recipe* button navigates to the screen shown above. This screen will display a list of all recipes that are saved in the database. From this screen the user may select a recipe from the left selection panel. The photo shown above has the recipe "Baked Salmon" selected, which is indicated by the black box highlighted to the left of the recipe name. The user may only select one recipe at a time. Once a recipe is selected the user may press the *Open Selected Recipe* button to open the recipe that is selected.

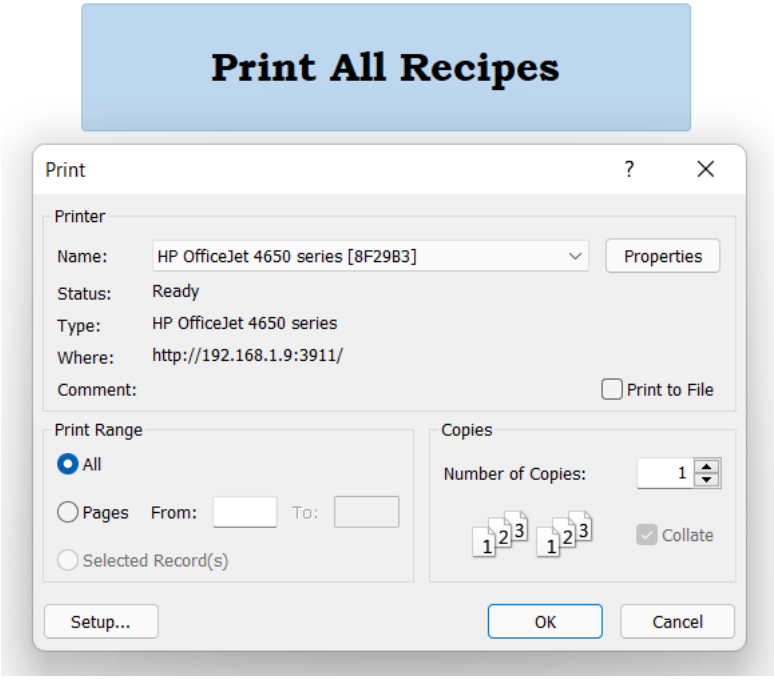
View All Recipes Continued...

The *Open This Recipe* button displays the full recipe as shown below. From this screen the user may print the recipe by pressing the *Print This Recipe* button. The user may also return to the Main Menu by pressing the *Main Menu* button.

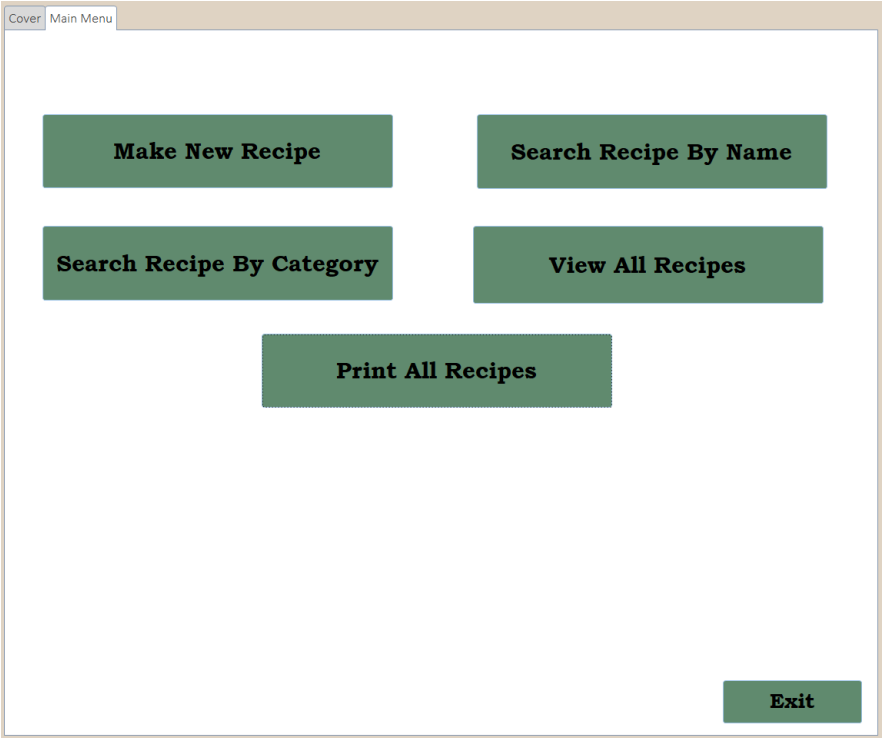


Print All Recipes

The *Print All Recipes* button displays the user's system print dialog box. Depending on the system the user is using the pop-up below may look different from the one on the user's screen. From this screen the user may print all of the recipes in the database.

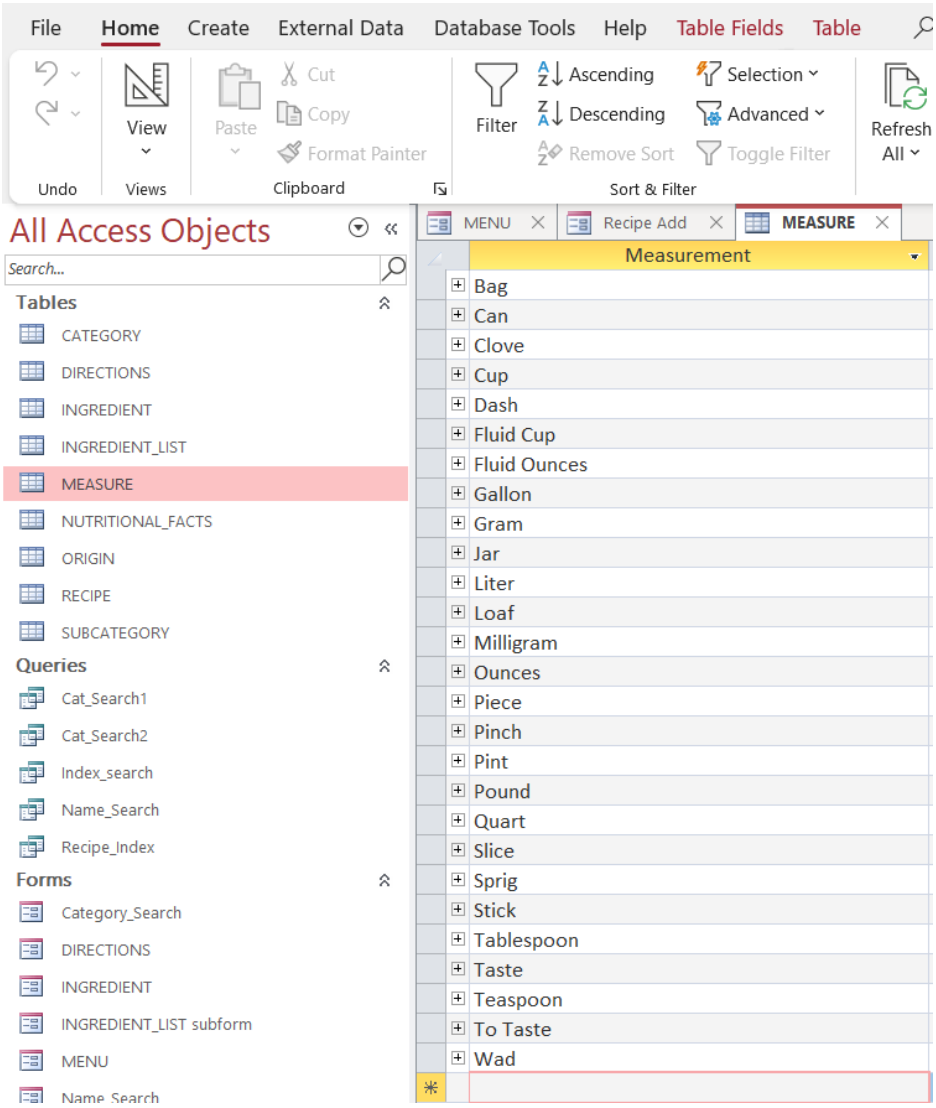


Exit



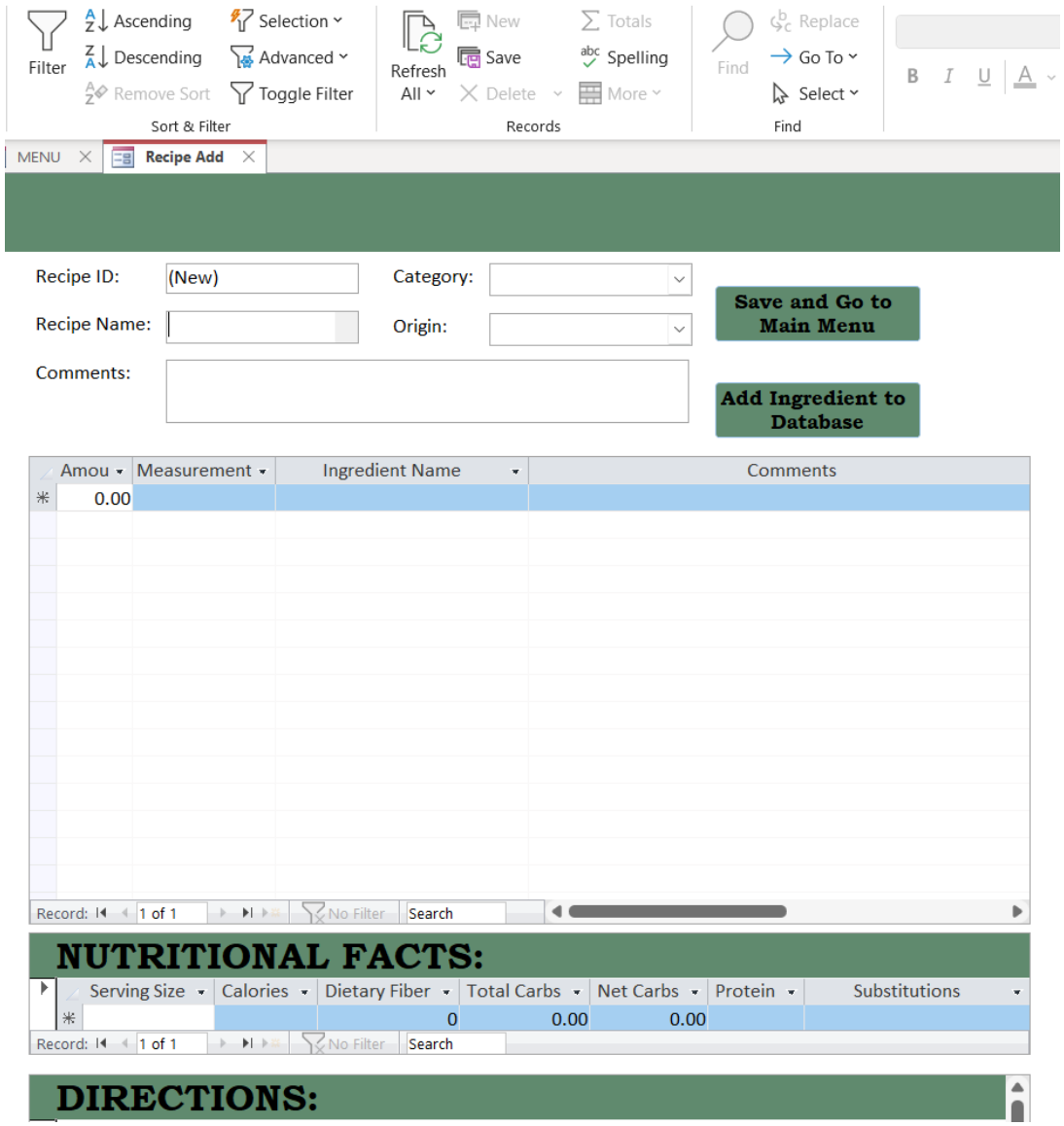
In order to exit the program, the user must push the *Exit* button on the bottom left corner of the screen.

Adding a Measurement



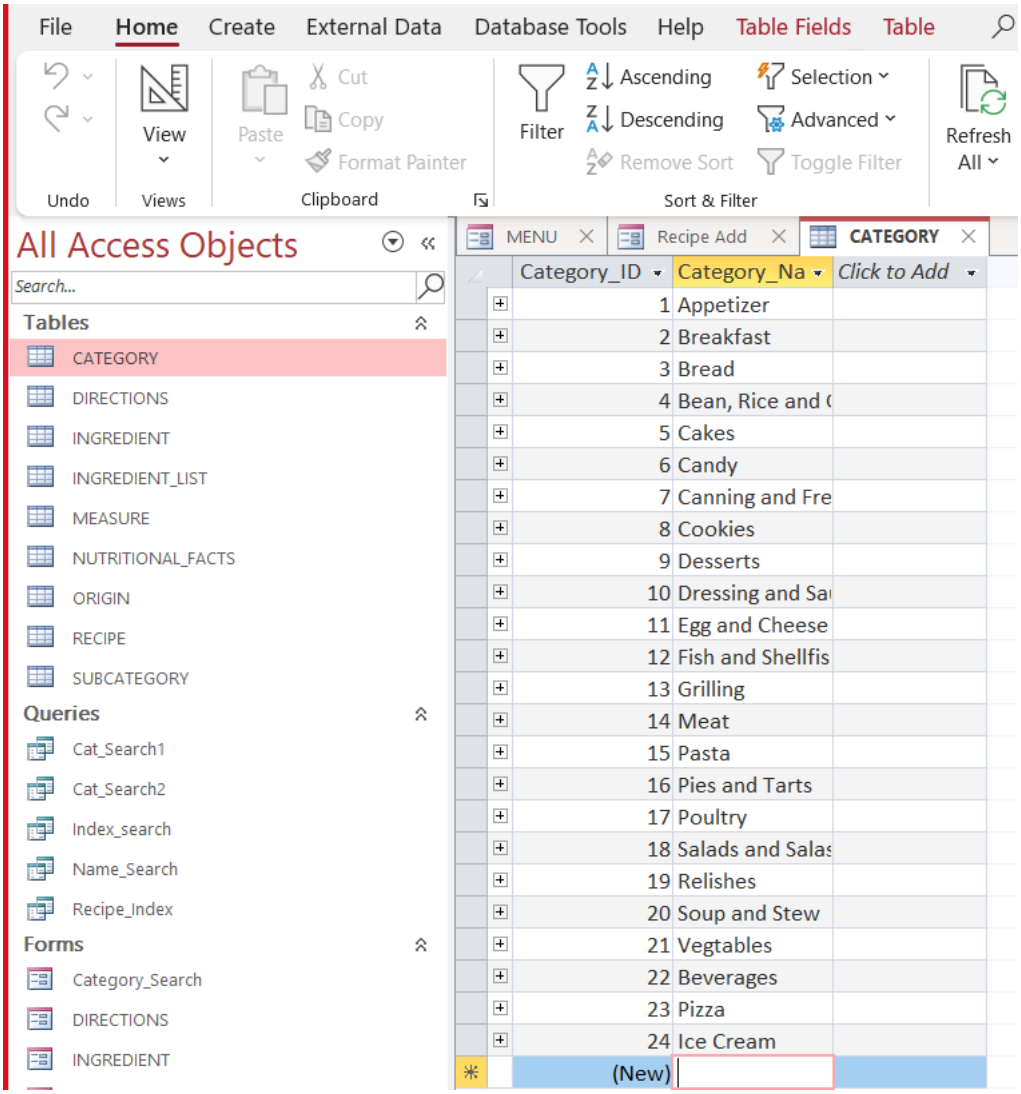
The user should add a measurement if they are entering in a new recipe from the *Add Recipe* form and the measurement needed is not available. To add a measurement to the database, the user must navigate to the *Measure* table from the *All-Access Objects* pane on the left side of the screen. This is shown above in pink. From this page the user may then enter the measurement into the next available row marked with a * symbol and a yellow background, as shown above. The user must then press *Enter* on their keyboard. Next, the user must exit out of the *Measure Table.*

Adding a Measurement Continued…



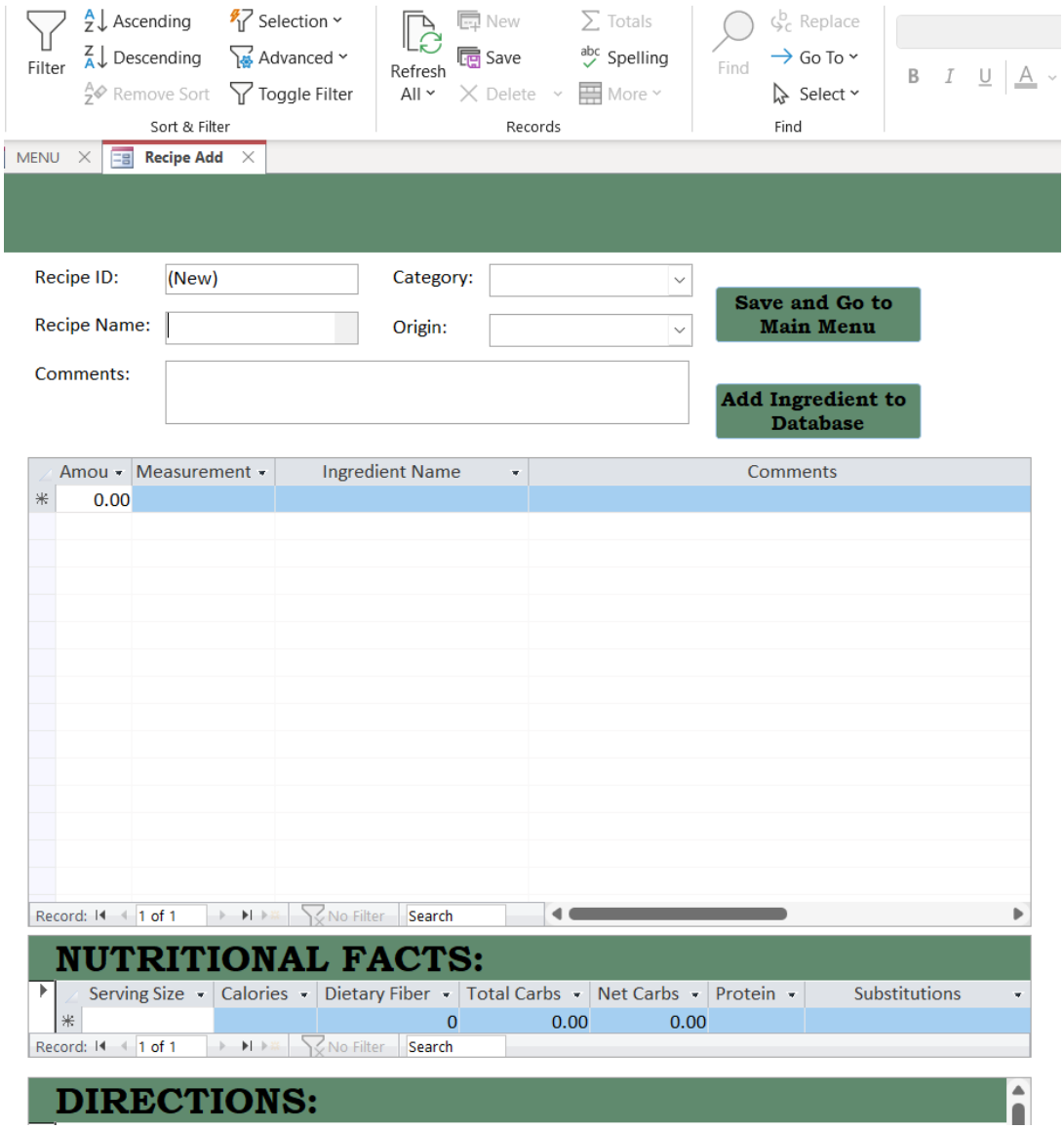
After exiting the *Measure Table,* the user will automatically be back on the *Recipe Add* form, as displayed above. The user must then press the *Refresh All* button at the top of the screen. The new measurement will now appear in the *Measurement* drop down. The user may then go back to adding in the new recipe.

Adding a Category



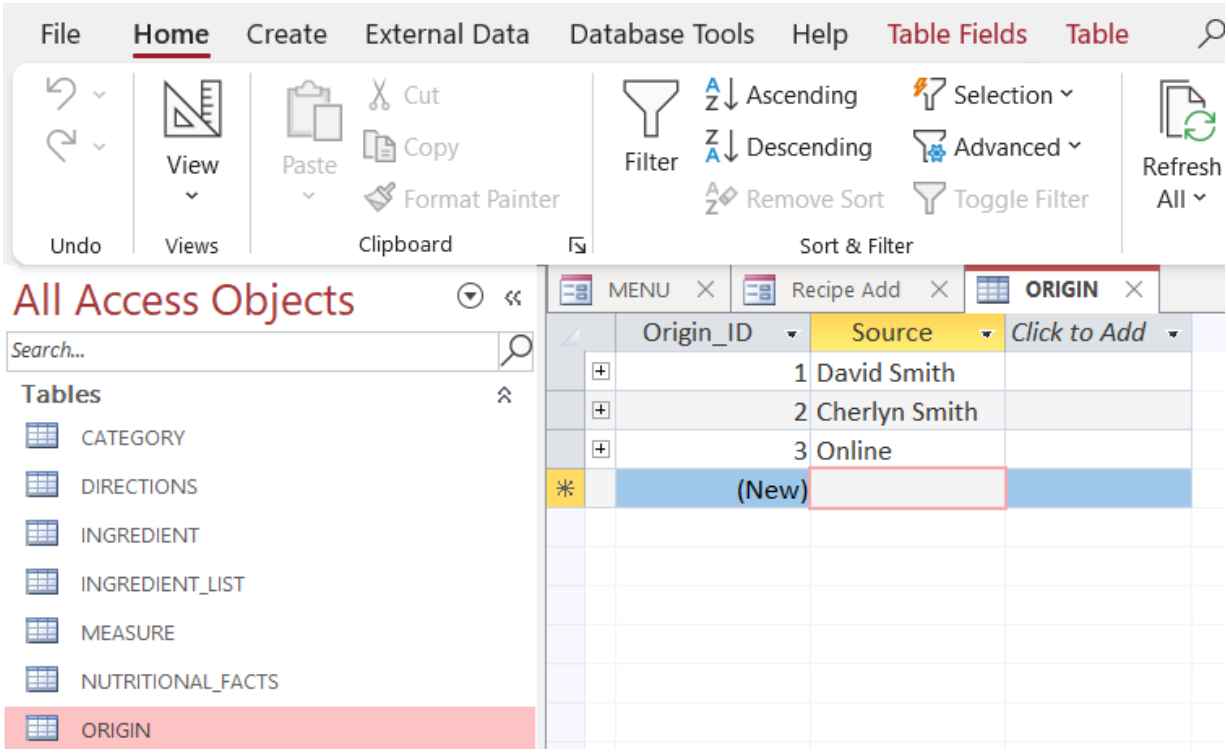
The user should add a category if they are entering in a new recipe from the *Add Recipe* form and the category needed is not available. To add a category to the database, the user must navigate to the *Category* table from the *All Access Objects* pane on the left side of the screen. This is shown above in pink. From this page the user may then enter the measurement into the next available row marked with a * symbol and a yellow background, as shown above. The user must then press *Enter* on their keyboard. Next, the user must exit out of the *Category Table.*

Adding a Category Continued…



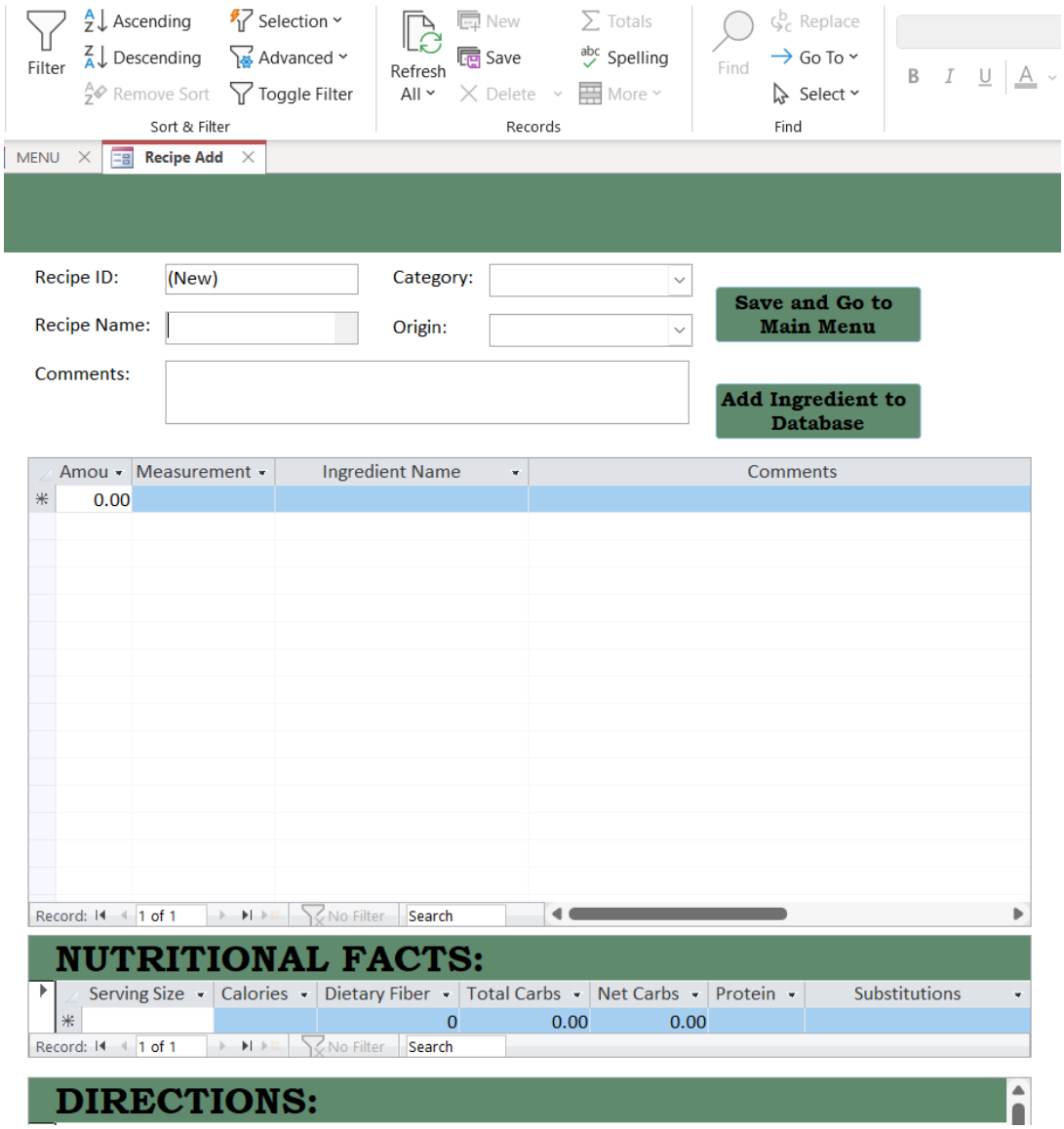
After exiting the *Category Table* the user will automatically be brought back to the *Recipe Add* form, as displayed above. The user must then press the *Refresh All* button at the top of the screen. The new category will now appear in the *Category* drop down. The user may then go back to adding in the new recipe.

Adding an Origin



The user should add an origin if they are entering in a new recipe from the *Add Recipe* form and the origin needed is not available. To add an origin to the database, the user must navigate to the *Origin* table from the *All Access Objects* pane on the left side of the screen. This is shown above in pink. From this page the user may then enter the origin into the next available row marked with a * symbol and a yellow background, as shown above. The user must then press *Enter* on their keyboard. Next, the user must exit out of the *Origin Table.*

Adding an Origin Continued…



After exiting the *Origin Table* the user will automatically be brought back to the *Recipe Add* form, as displayed above. The user must then press the *Refresh All* button at the top of the screen. The new origin will now appear in the *Origin* drop down. The user may then go back to adding in the new recipe.

Meet the Team

RACHEL VANDERLELY

- Junior Majoring in Computer Science with future to work in the DOD sector.
- Primary Tasks: Button design, Database beautification, User Manual.

GRANT LONG

- Sophomore Majoring in Computer Science with a minor in Cyber Security.
- Primary Tasks: Form Design, Sub-form Design, Database beautification.

ABDUL RAHMAN

- Senior Majoring in Computer Science
- Primary tasks: Database beautification, PowerPoint.

ROBERT BAUSCH

- Sophomore majoring in Computer Science
- Primary tasks: Designed models and relational schema for the database. Created usage map and database beautification.