

FoodPants User Manual

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1.1 – Manage Pantry

Your digital pantry keeps track of all your real-world pantry items you currently have.

The screenshot shows a digital pantry interface. On the left is a red sidebar with navigation links: Pantry, Recipes, Nutrition, and Shopping List. The main area displays a list of items in a table-like format:

Item	Unit	Quantity	Action
Flour	(lb)	10	Eat
Water	(L)	20	Eat
Chicken	(lb)	7	Eat
Peach	(lb)	3	Eat
Salt	(g)	20	Eat

On the right side of the main area, there is a dark grey sidebar with a '+' button at the top, and 'Search' and 'Modify' buttons below it.

When a new item gets added to your physical pantry, click the “+” button on the right-hand side to add to your digital one!

The screenshot shows the same digital pantry interface as before, but with the 'Add Food' modal open. The modal has a title 'Add Food' and a close button. It contains the following fields and buttons:

- Food:** A dropdown menu with 'Cheese' selected.
- Edit Selected:** A button.
- Create New:** A button.
- Quantity:** A dropdown menu with 'unit' selected, followed by an input field.
- Submit:** A red button.

The background shows the same list of items and sidebar as the previous screenshot.

Enter the appropriate quantity, and press submit!

1.2 – Search Pantry

If you would like to find a specific item in your pantry, you can do this easily by searching for it. Simple click the “Search” button on the right-hand side.

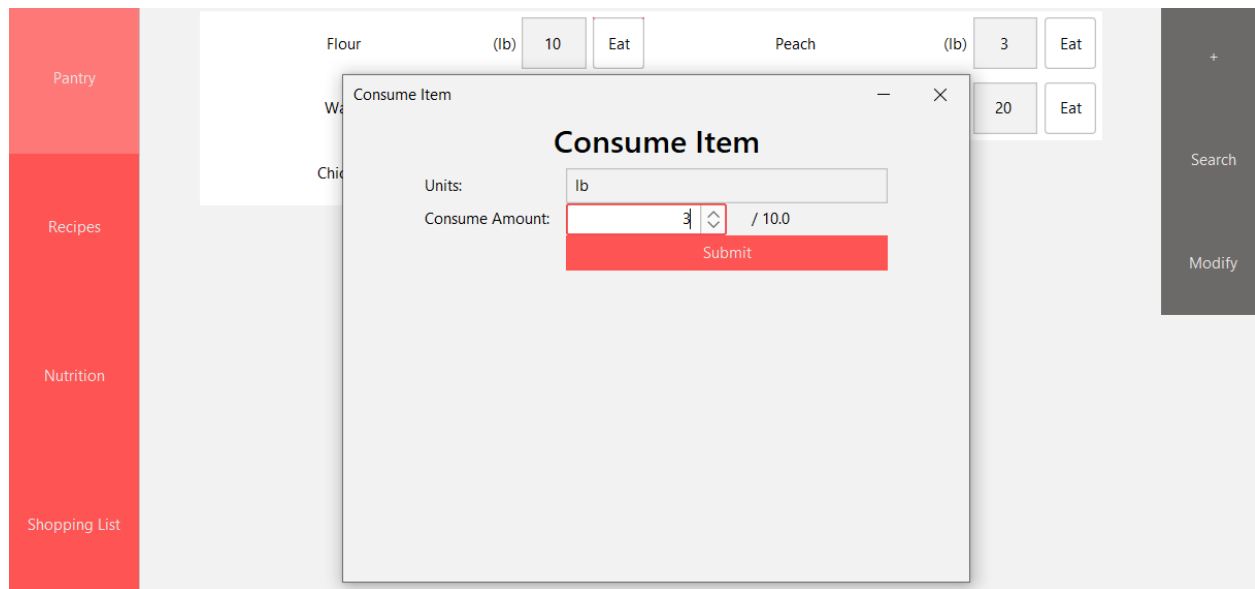
The screenshot shows a web application interface for a pantry. On the left is a red sidebar with navigation links: Pantry, Recipes, Nutrition, and Shopping List. The main area displays a list of items in the pantry: Flour (10 lb), Water (20 L), Chicken (7 lb), Peach (3 lb), and Salt (20 g). Each item has an 'Eat' button next to its quantity. On the right side, there is a vertical stack of buttons: a '+' button, a 'Search' button, and a 'Modify' button. A search modal is open in the center, titled 'Search', with an empty text input field and a 'Submit' button.

This screenshot is identical to the one above, but the search modal is now populated with the word 'Water' in the text input field. The 'Submit' button remains visible below the input field.

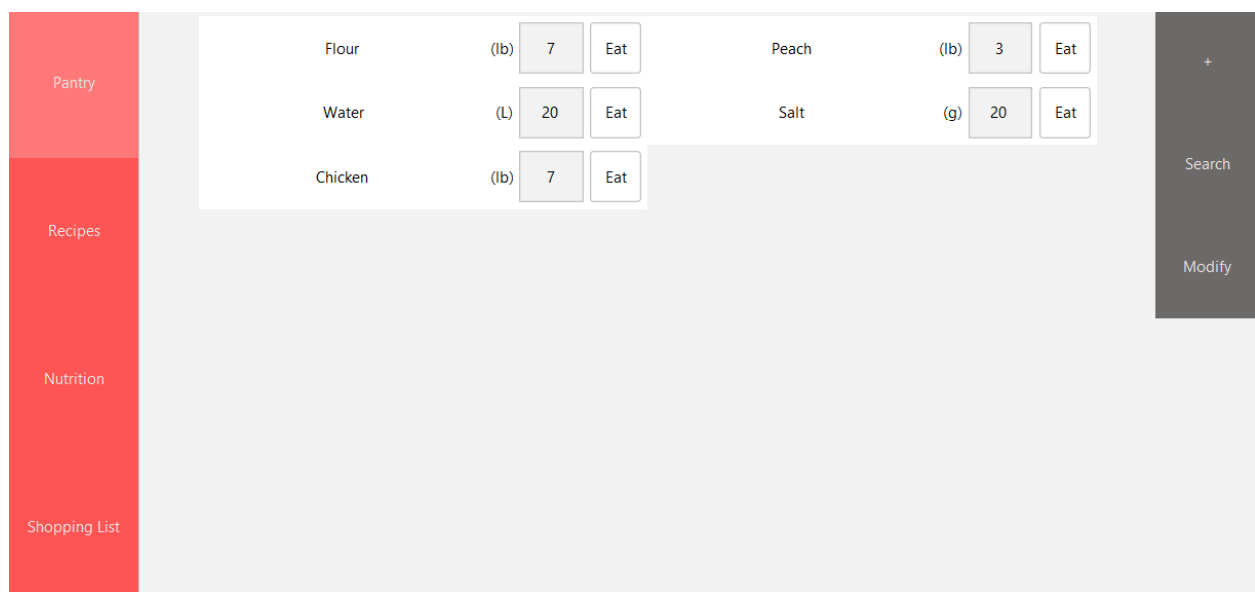
After you type in the item you want to find, click submit! If the item is in your pantry, it will be displayed!

1.3 – Consume Pantry Item

An item in your pantry will not be there forever! Whenever you consume an item, you can track this in your digital pantry. Simple press the “Eat” button the item you consumed.



Specify how much out of the total amount you have consumed. For example, in the image above I removed 3 pounds of flour out of my pantry.



2.1 – Manage Nutritional Log

Nutrition page has a timeline of foods consumed, tracked by day, week, and month intervals.

The screenshot displays the Nutrition page interface. On the left is a red sidebar with four menu items: "Pantry", "Recipes", "Nutrition" (highlighted), and "Shopping List". At the top of the main content area are three tabs: "Day", "Week", and "Month". Below these tabs is a dropdown menu currently set to "Early Morning". Underneath the dropdown is a table with two columns: "Food" and "Amount". The first row contains "Chicken" and "(lb) 1". Below the table are six more time slots: "Morning", "Noon", "Afternoon", "Evening", and "Late Night", each with a dropdown arrow. On the right side of the interface is a dark grey vertical sidebar with a "+" button at the top, followed by buttons for "Timeline", "Goals", "Report", and "Modify".

Food	Amount
Chicken	(lb) 1

Items can be added to the timeline with the “+” button and modified with the “Modify” button!

2.2 – Manage Nutritional Goals

Nutritional goals track how much you want to consume. These are personal goals you set for yourself!

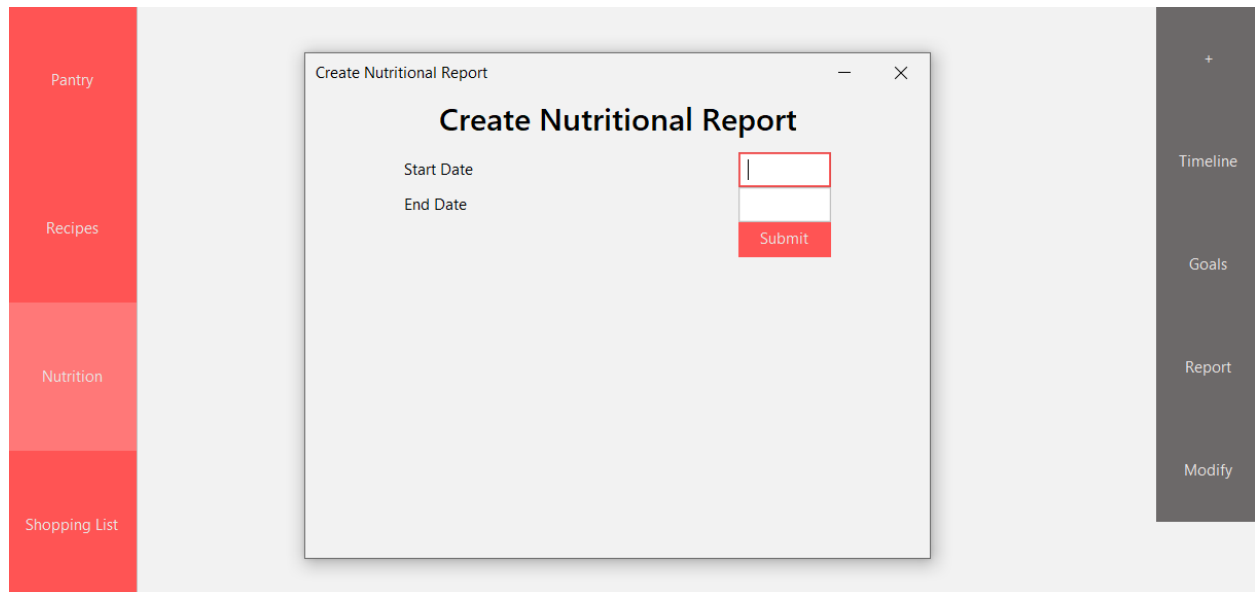
The screenshot shows a web application interface for managing nutritional goals. On the left is a red sidebar with navigation links: 'Pantry', 'Recipes', 'Nutrition' (highlighted), and 'Shopping List'. At the top center, there's a header area with 'CALORIES' and a 'Max (calorie)' input field set to '2400'. On the right is a dark grey sidebar with a '+' button and links for 'Timeline', 'Goals', 'Report', and 'Modify'. A modal dialog titled 'Add Nutrition Goal' is open in the center. It contains three dropdown menus: 'Goal Type' set to 'Minimum', 'Nutritional Type' set to 'PROTEIN', and 'Quantity' set to 'g'. A text input field next to 'Quantity' contains the value '5'. A red 'Submit' button is at the bottom of the dialog.

Goal Type	Nutritional Type	Quantity
Minimum	PROTEIN	g 5

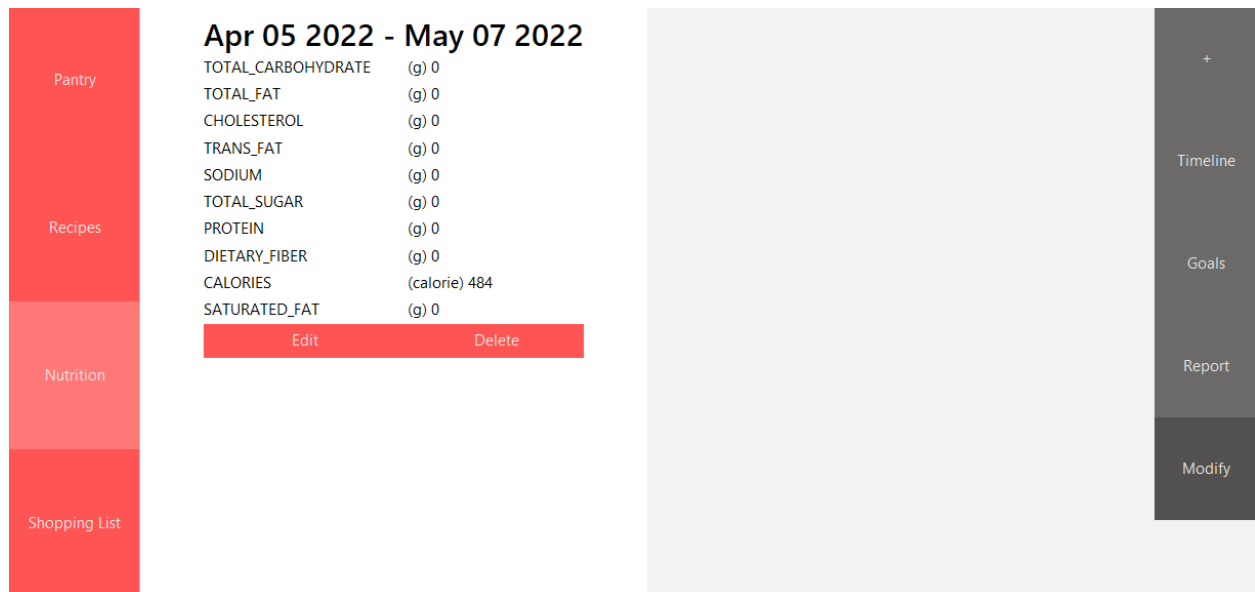
Add to it with the “+” button, and edit or delete a goal with the “Modify” button on the right-hand side!

2.3 – Manage Nutrition Report

A nutritional report can give you the total nutritional information within a certain time frame.



Click the “+” button to generate a new nutritional report!



Click the “Modify” button to edit/delete a nutritional report!

3.1 – Recipe Creation

Navigate to the recipe page, and create a recipe easily! Simply click the “+” button and enter in the food name, number of servings, ingredients, and instructions!

The screenshot shows a web application interface with a sidebar on the left containing four red buttons: 'Pantry', 'Recipes', 'Nutrition', and 'Shopping List'. The main content area displays a recipe titled 'Granda Cernys Syntactic Sugar Cookies' with 'Servings: 30.0 (1 unit/each)'. A 'Create Recipe' modal is open, featuring a close button (X) and a minus sign (-). The modal has four sections: 'Recipe Name' with a dropdown menu showing 'Brownies' and an 'Add New Recipe' button; 'Servings' with a text input field containing '10'; 'Ingredients' with an 'Add Ingredient' button and a list of ingredients: Chocolate (20g), Flour (5lb), Salt (3g), and Water (5cup); and 'Instructions' with a text area containing four numbered steps: 1) Combine the sugar, flour, chocolate chips, and salt in a medium bowl. Then, whisk together the... 2) Combine the wet and dry ingredients. Batter will thicken. 3) Pour the batter into an 8x8 inch baking pan lined with parchment paper. 4) Bake pan at 325 degrees Fahrenheit for 40-45 minutes.

Create Recipe

Recipe Name: Brownies

Servings: 10

Ingredients:

- Chocolate (g) 20
- Flour (lb) 5
- Salt (g) 3
- Water (cup) 5

Instructions:

- 1) Combine the sugar, flour, chocolate chips, and salt in a medium bowl. Then, whisk together the...
- 2) Combine the wet and dry ingredients. Batter will thicken.
- 3) Pour the batter into an 8x8 inch baking pan lined with parchment paper.
- 4) Bake pan at 325 degrees Fahrenheit for 40-45 minutes.

Once you are done, click submit! Your new recipe has been created!

3.2 – View Recipe

On your recipe page, scroll to view each recipe, and click “See More” to see all the information about each recipe!

Pantry	Brownies	Servings: 10.0 (15 unit/each)
	Chocolate	(g) 20
Recipes	Ingredients	Flour (lb) 5
	Salt	(g) 3
		See more
Nutrition	Granda Cernys Syntactic Sugar Cookies	Servings: 30.0 (1 unit/each)
		Syntactic Sugars (g) 50
Shopping List	Ingredients	Cookie Person (unit) 1
		Easter Eggs (unit) 5

Brownies	Servings: 10.0 (15 unit/each)
	Chocolate (g) 20
	Flour (lb) 5
Ingredients	Salt (g) 3
	Water (cup) 5
Instructions	<div>1) Combine the sugar, flour, chocolate chips, and salt in a medium bowl. Then, whisk together 2) Combine the wet and dry ingredients. Batter will thicken. 3) Pour the batter into an 8×8 inch baking pan lined with parchment paper. 4) Bake pan at 325 degrees Fahrenheit for 40-45 minutes.</div>
	<div>Make Recipe</div> <div>Edit Recipe</div>

3.3 – Recipe to Shopping List

When you want to make your recipe, you can add all recipe ingredients to your shopping list for purchase! Click “See More” on the recipe you want to add, and click “Make Recipe.”

Brownies

Servings: 10.0 (15 unit/each)

Ingredients	Chocolate	(g)	20
	Flour	(lb)	5
	Salt	(g)	3
	Water	(cup)	5

Instructions

1) Combine the sugar, flour, chocolate chips, and salt in a medium bowl. Then, whisk together.
2) Combine the wet and dry ingredients. Batter will thicken.

Missing Ingredients

You're missing some ingredients.

Add Missing To Cart

Add All Ingredients To Cart

Make Recipe

Make Recipe

Edit Recipe

A message will pop up telling you that you are missing ingredients. Simply click “Add All Ingredients To Cart!”

3.4 – Modify Recipe

To modify a recipe, click “See More” for the recipe you want to modify, and press the “Edit Recipe” button.

Edit

Recipe Name

Brownies

▼

Add New Recipe

Servings

10.0

Ingredients

Add Ingredient

Chocolate	(g)	20	Delete
Flour	(lb)	5	Delete
Salt	(g)	3	Delete
Water	(cup)	5	Delete

Instructions

1) Combine the sugar, flour, chocolate chips, and salt in a medium bowl. Then, whisk together the

2) Combine the wet and dry ingredients. Batter will thicken.

3) Pour the batter into an 8×8 inch baking pan lined with parchment paper.

4) Bake pan at 325 degrees Fahrenheit for 40-45 minutes.

Edit your recipe with the new information you would like to provide, and press submit!

3.5 – Recommend Recipes

If you have created no recipes, one will already be created and recommended to you (“Syntactic Sugar Cookies”). If you have more recipes already created, press the “Recommend” button to get the most recommended recipe to make in your recipe list!

The screenshot shows a web application interface with a sidebar on the left and a main content area. The sidebar has four red buttons: "Pantry", "Recipes", "Nutrition", and "Shopping List". The "Recipes" button is highlighted. The main content area displays a recipe card for "Brownies" with "Servings: 10.0 (15 unit/each)". The recipe card lists ingredients: Chocolate (20g), Flour (5lb), and Salt (3g). A "See more" button is at the bottom right of the recipe card. On the right side of the main content area, there is a vertical stack of three dark gray buttons: "+", "Recommend", and "Search".

Brownies		Servings: 10.0 (15 unit/each)	
Ingredients	Chocolate	(g)	20
	Flour	(lb)	5
	Salt	(g)	3

[See more](#)

3.6 – Make Recipe

When you want to make a recipe, click “See More” on the recipe, and press “Make Recipe.”

Brownies

Servings: 10.0 (15 unit/each)

Ingredients	Chocolate	(g)	20
	Flour	(lb)	5
	Salt	(g)	3
	Water	(cup)	5

Instruct

1) Combine the sugar, flour, chocolate chips, and salt in a medium bowl. Then, whisk together

Missing Ingredients

You're missing some ingredients.

Add Missing To Cart

Add All Ingredients To Cart

Make Recipe

<

>

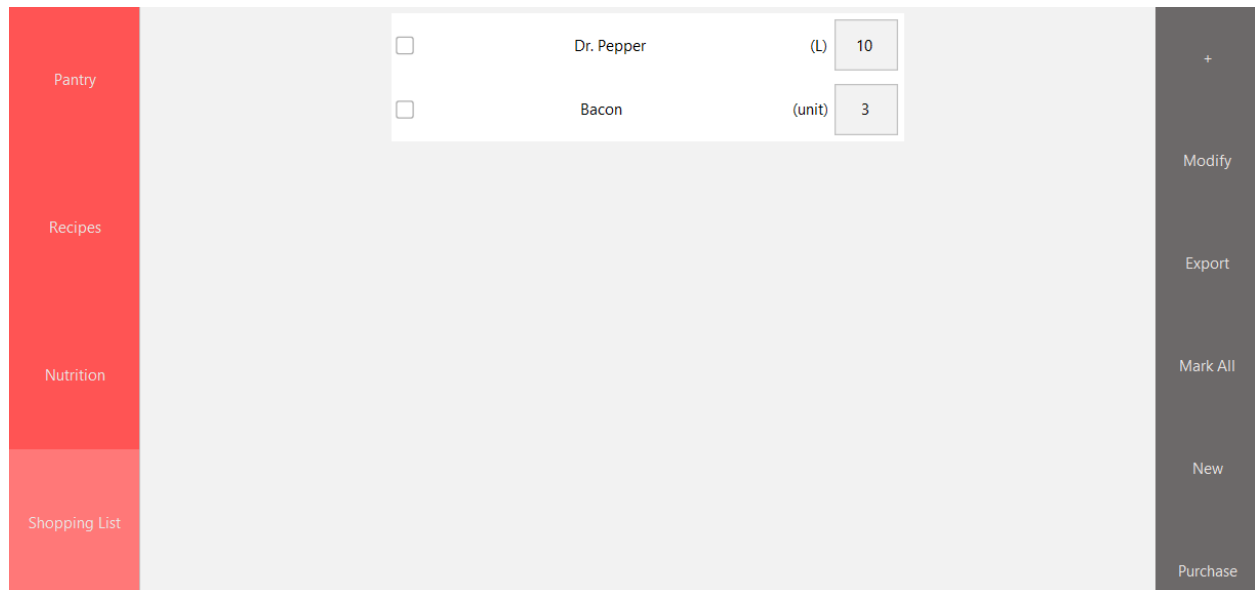
Make Recipe

Edit Recipe

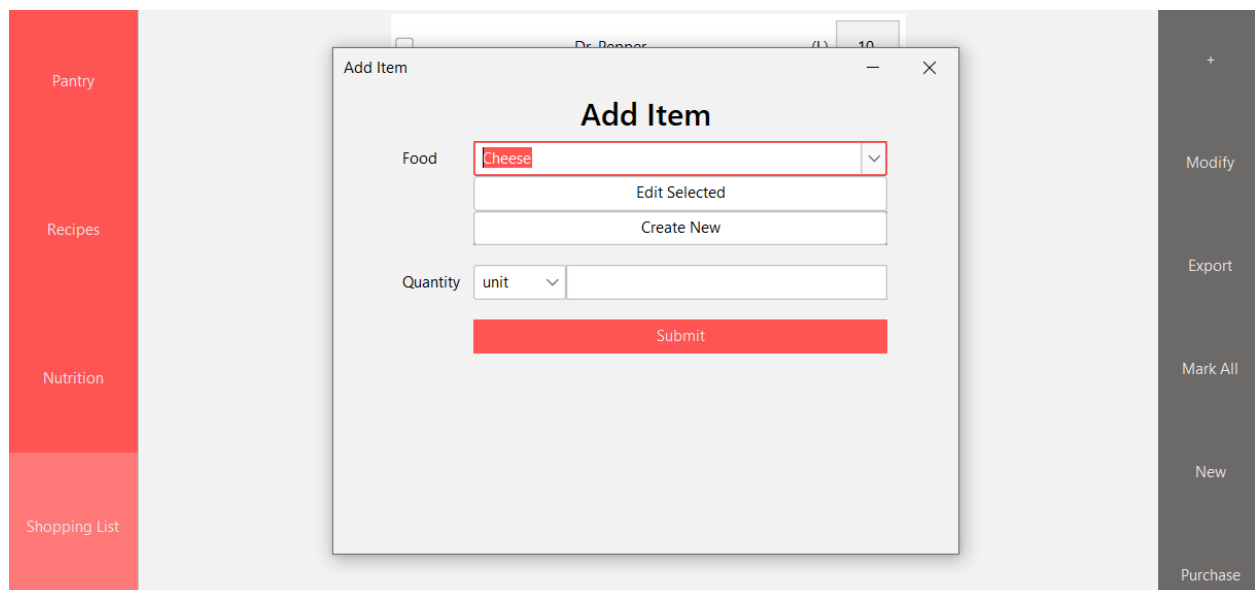
When prompted, click the “Make Recipe” button again! Your recipe has been created and put in your pantry! Congrats!

4.1 – Manage Shopping List

Navigate to the shopping list page. Your shopping list keeps track of all the items you plan on buying!



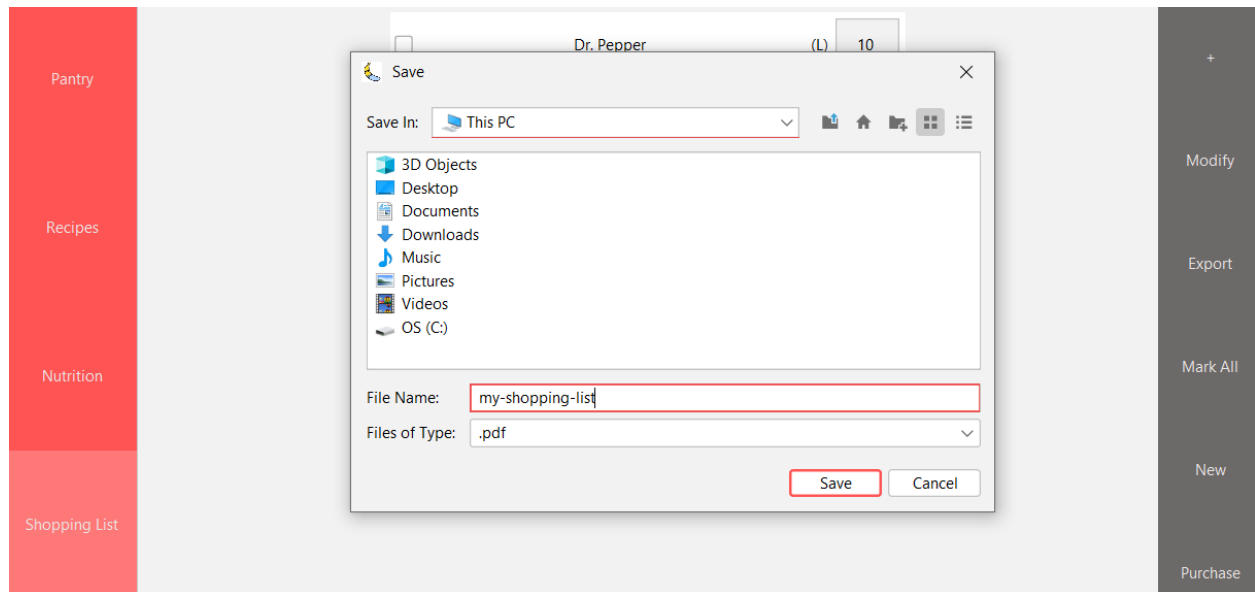
When you want to add to your shopping list a new item, press the “+” button on the right-hand side. A form to add an item will be displayed!



Enter the desired food and quantity, and press submit! If you would like to change your shopping list, press the modify button on the right to edit and delete items!

4.2 – Export Shopping List

If you would like to export your shopping list to a document in PDF format, to use when you are at the store, press the “Export” button on the right-hand side!



Navigate to where you would like to save your shopping list, then press “Save”

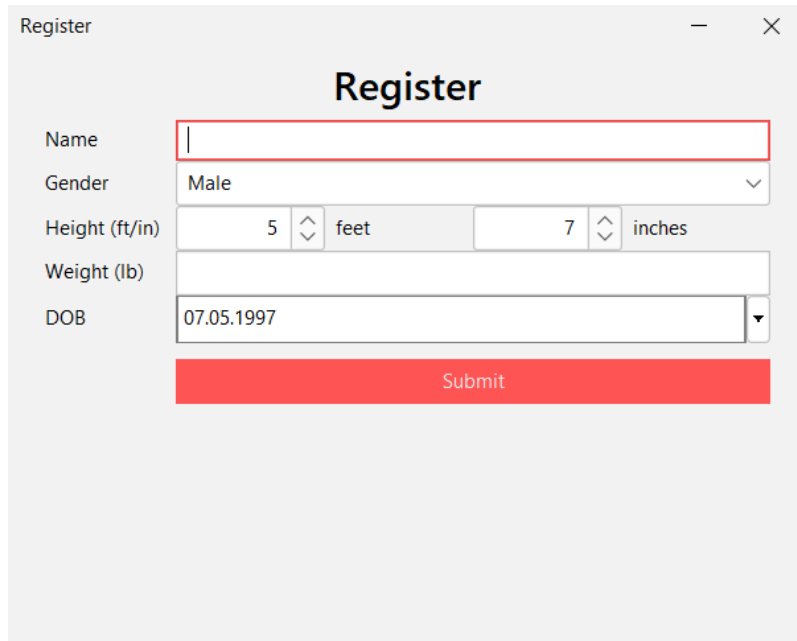
4.3 – Mark Purchased Items

Have you already purchased an item in your shopping list? Simply mark it with the checkbox next to the associated item, and press the “Purchase” button on the right-hand side!

Pantry	<input type="checkbox"/>	Dr. Pepper	(L)	10	+
Recipes	<input checked="" type="checkbox"/>	Bacon	(unit)	3	
Nutrition					Modify
Shopping List					Export
					Mark All
					New
					Purchase

5.1 – Startup

When opening FoodPants for the first time, you will be prompted to enter in your information!



The image shows a web application window titled "Register" with standard window controls (minimize, maximize, close). The form is titled "Register" and contains the following fields:

- Name:** A text input field with a red border.
- Gender:** A dropdown menu currently showing "Male".
- Height (ft/in):** A composite field with two spinners. The first spinner is set to "5" and is labeled "feet". The second spinner is set to "7" and is labeled "inches".
- Weight (lb):** A text input field.
- DOB:** A date input field showing "07.05.1997" with a small dropdown arrow on the right.

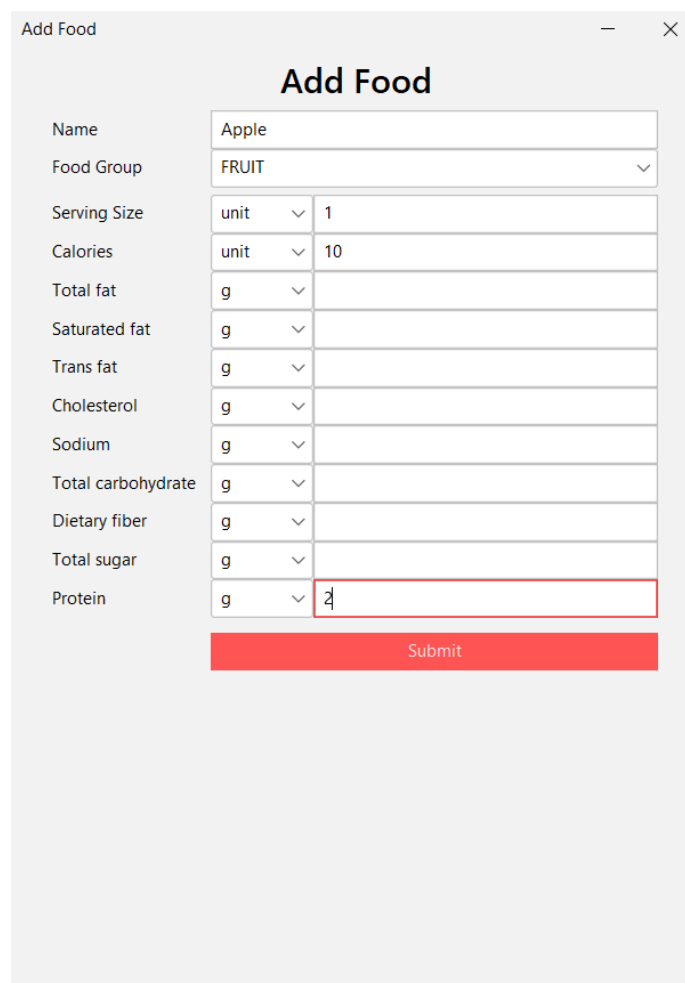
At the bottom of the form is a red "Submit" button.

Simply provide your name, gender, height, weight, and date of birth in the respective fields, and press submit! Welcome to FoodPants!

6.1 – Manage Food Types

Foods are an essential part of FoodPants (hence the name). If you would like to add new ones (spoiler alert) this is quite easy!

Creating new food types can be done on multiple pages. For this guide, the pantry page will be shown. On the pantry page, click the “+” button to add a new pantry item, and within that popup, click “Create New”



The screenshot shows a modal window titled "Add Food" with a close button (X) in the top right corner. The form is organized into two columns. The left column lists various food attributes, and the right column contains input fields for each attribute. The attributes and their corresponding values are as follows:

Attribute	Unit	Value
Name		Apple
Food Group		FRUIT
Serving Size	unit	1
Calories	unit	10
Total fat	g	
Saturated fat	g	
Trans fat	g	
Cholesterol	g	
Sodium	g	
Total carbohydrate	g	
Dietary fiber	g	
Total sugar	g	
Protein	g	2

At the bottom of the form is a red "Submit" button. The "Protein" input field is highlighted with a red border.

Hope this user manual has been helpful in guiding you through how to use FoodPants!