

Executive Summary

Please provide your GitHub repository link.

GitHub Repository URL:

https://github.com/SuhyunKimm/Milestone1_Group001

You should use your software to prepare an executive summary as outlined below for the five required features.

1. Food Search

Description

Briefly describe what this feature does.

Steps

1. Select 'Food search' from the main page
2. Enter the food name in the search box.
3. Select search button.
4. Result display all the food containing key word.

Screenshots

Include screenshots for each step demonstrating the use of this feature.

Go Back

Enter a food name:

Search

	food	Caloric Value	Fat	Saturated Fat	Unsaturated	Monounsaturated	Carbohydrates	Sugars	Protein	Dietary Fiber	Cholesterol	Sodium	Water	Vitamin A	Vitamin
1	cream cheese	51	5.0	2.9	1.3	0.2	0.8	0.5	0.9	0.0	14.6	0.016	7.6	0.2	0.033
2	neufchatel cheese	215	19.4	10.9	4.9	0.8	3.1	2.7	7.8	0.0	62.9	0.3	53.6	0.2	0.099
3	ricotta cheese	30	2.0	1.3	0.5	0.002	1.5	0.091	1.5	0.0	9.8	0.017	14.7	0.075	0.019
4	cream cheese low fat	30	2.3	1.4	0.6	0.042	1.2	0.9	1.2	0.0	8.1	0.046	10.0	0.016	0.08
5	cream cheese fat free	19	0.2	0.1	0.091	0.075	1.4	1.0	2.8	0.0	2.2	0.1	12.9	0.063	0.02
6	gruyere cheese	116	9.1	5.3	2.8	0.5	0.1	0.1	8.3	0.0	30.8	0.2	9.3	0.061	0.021
7	cheddar cheese	113	9.3	5.3	2.6	0.3	0.9	0.1	6.4	0.0	27.7	0.2	10.3	0.054	0.031
8	parmesan cheese	71	4.5	2.7	1.4	0.1	0.6	0.046	6.4	0.0	12.2	0.2	5.4	0.067	0.062
9	romano cheese	19	1.3	0.9	0.4	0.035	0.2	0.088	1.6	0.0	5.2	0.008	1.5	0.064	0.058
10	parmesan cheese grated	21	1.4	0.8	0.4	0.036	0.7	0.075	1.4	0.0	4.3	0.043	1.1	0.017	0.003
11	port salut cheese	465	37.2	22.0	12.3	1.0	0.8	0.8	31.4	0.0	162.4	0.7	60.0	0.4	0.012
12	swiss cheese	98	7.7	4.6	2.0	0.3	0.4	0.0	6.7	0.0	23.3	0.057	9.4	0.069	0.008
13	goat cheese hard	128	10.1	7.0	2.3	0.2	0.6	0.6	8.6	0.0	29.7	0.076	8.2	0.1	0.071
14	gouda cheese	100	7.7	4.9	2.2	0.2	0.6	0.6	7.0	0.0	31.9	0.2	11.6	0.053	0.016
15	pepper jack cheese lucerne	75	6.0	4.0	0.0	0.0	0.0	0.0	5.0	2.5	0.0	0.0	0.0	0.0	0.0
16	caraway cheese	106	8.3	5.3	2.3	0.2	0.9	0.0	7.1	0.0	26.3	0.2	11.1	0.014	0.077
17	gjetost cheese	1058	67.0	43.5	17.9	2.1	96.8	0.0	21.9	0.0	213.4	1.4	30.5	0.8	0.7
18	tilsit cheese	136	10.4	6.7	2.9	0.3	0.8	0.0	9.8	0.0	40.8	0.3	17.1	0.057	0.036
19	goat cheese	103	8.4	5.8	1.9	0.2	0.009	0.031	6.1	0.0	22.4	0.1	12.9	0.1	0.013
20	brick cheese	111	8.9	5.6	2.6	0.2	0.8	0.2	7.0	0.0	28.2	0.2	12.3	0.016	0.042
21	asadero cheese	402	31.9	20.3	9.1	1.0	3.2	3.2	25.5	0.0	118.7	0.7	47.6	0.098	0.034
22	camembert cheese	90	7.3	4.6	2.1	0.2	0.1	0.1	5.9	0.0	21.6	0.3	15.5	0.091	0.054
23	provolone cheese reduced	310	19.9	12.8	5.5	0.6	4.0	0.6	27.9	0.0	62.2	1.0	57.2	0.2	0.05
24	roquefort cheese	314	26.0	16.4	7.2	1.1	1.7	0.0	18.3	0.0	76.5	1.5	33.5	0.2	0.092
25	queso blanco cheese	366	28.7	16.1	7.6	1.4	3.0	2.1	24.0	0.0	82.6	0.8	57.5	0.2	0.097

2. Nutrition Breakdown

Description

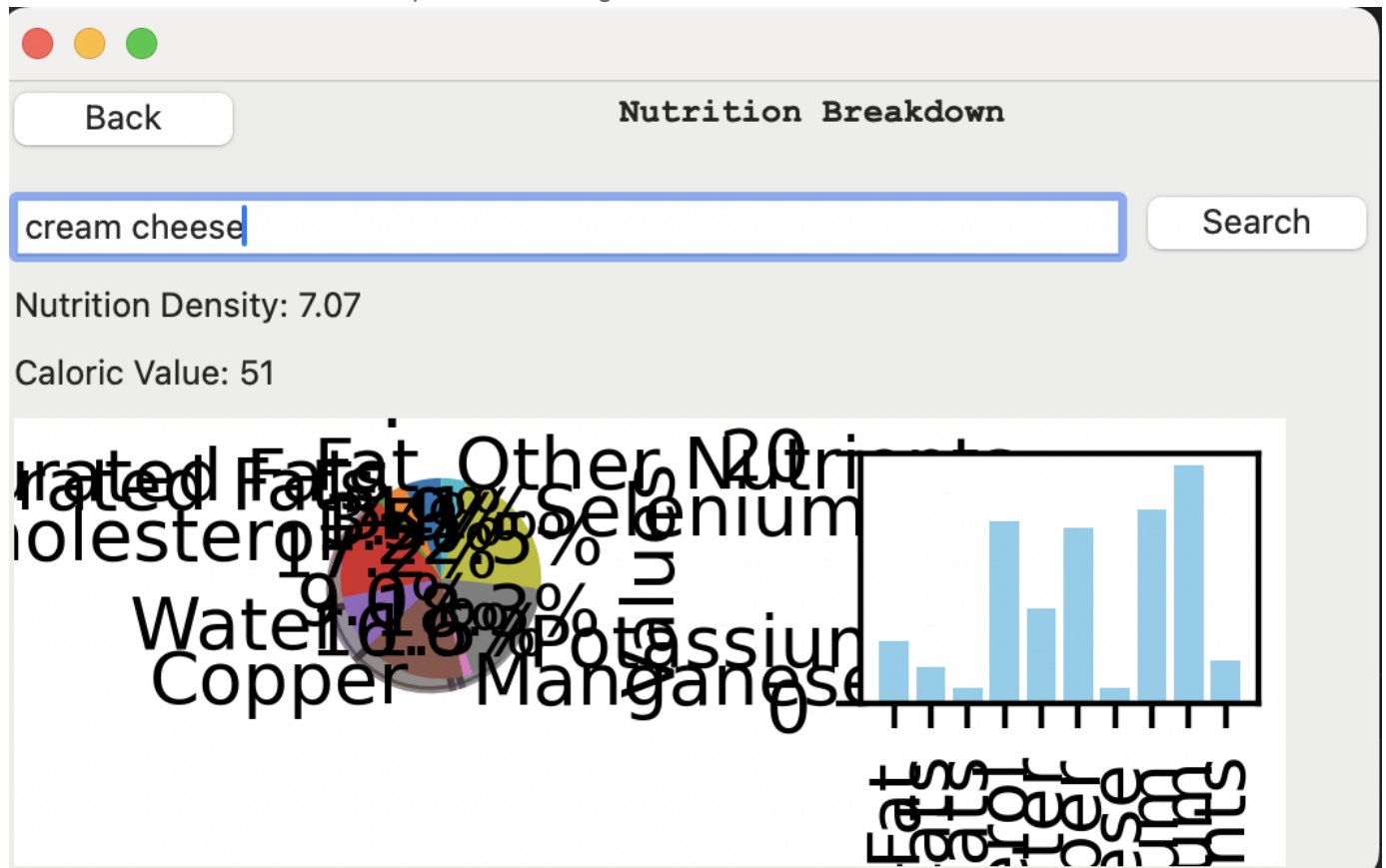
The Nutrition Breakdown feature allows users to view the breakdown of the nutrients of selected food via an Pie chart and a Bar graph. The charts and graphs combine all the nutrients have values less than 1 into a group called 'Other nutrients'.

Steps

- 1. Select 'Nutrition Breakdown' from the main page.
- 2. Enter food name into the search box.
- 3. Select 'Search' button to search.
- 4. View the Pie chart and Bar graph.

Screenshots

Include screenshots for each step demonstrating the use of this feature.



3. Nutrition Level Filter

Description

Briefly describe what this feature does.

Steps

1. Select Nutrition Level Filter from the screen.
2. Select nutrition type and nutrition level from the drop down.
3. Select search button.
4. Result display all the food within the range.

Screenshots

Include screenshots for each step demonstrating the use of this feature.

Go Back

Nutrition type: Caloric Value

Nutrition level: low

Search

	A	B	C	D	E
1					
2					
3					
4					
5					

Go Back		
Nutrition type: Fat Nutrition level: low Search		
	food	Fat
1	cream cheese	5.0
2	neufchatel cheese	19.4
3	requeijao cremoso light catupiry	3.6
4	ricotta cheese	2.0
5	cream cheese low fat	2.3
6	cream cheese fat free	0.2
7	gruyere cheese	9.1
8	cheddar cheese	9.3
9	parmesan cheese	4.5
10	romano cheese	1.3
11	parmesan cheese grated	1.4
12	port salut cheese	37.2
13	swiss cheese	7.7
14	goat cheese hard	10.1
15	gouda cheese	7.7
16	pepper jack cheese lucerne	6.0
17	caraway cheese	8.3
18	gjetost cheese	67.0
19	tilsit cheese	10.4
20	goat cheese	8.4
21	brick cheese	8.9
22	asadero cheese	31.9
23	camembert cheese	7.3
24	provolone cheese reduced fat	19.9
25	roquefort cheese	26.0
26	queso blanco cheese	28.7
27	queso seco cheese	23.6
28	goat cheese soft	6.0
29	mozzarella cheese	6.6
30	chihuahua cheese	39.2
31	limburger cheese	8.2

4. Nutrition Range Filter

Description

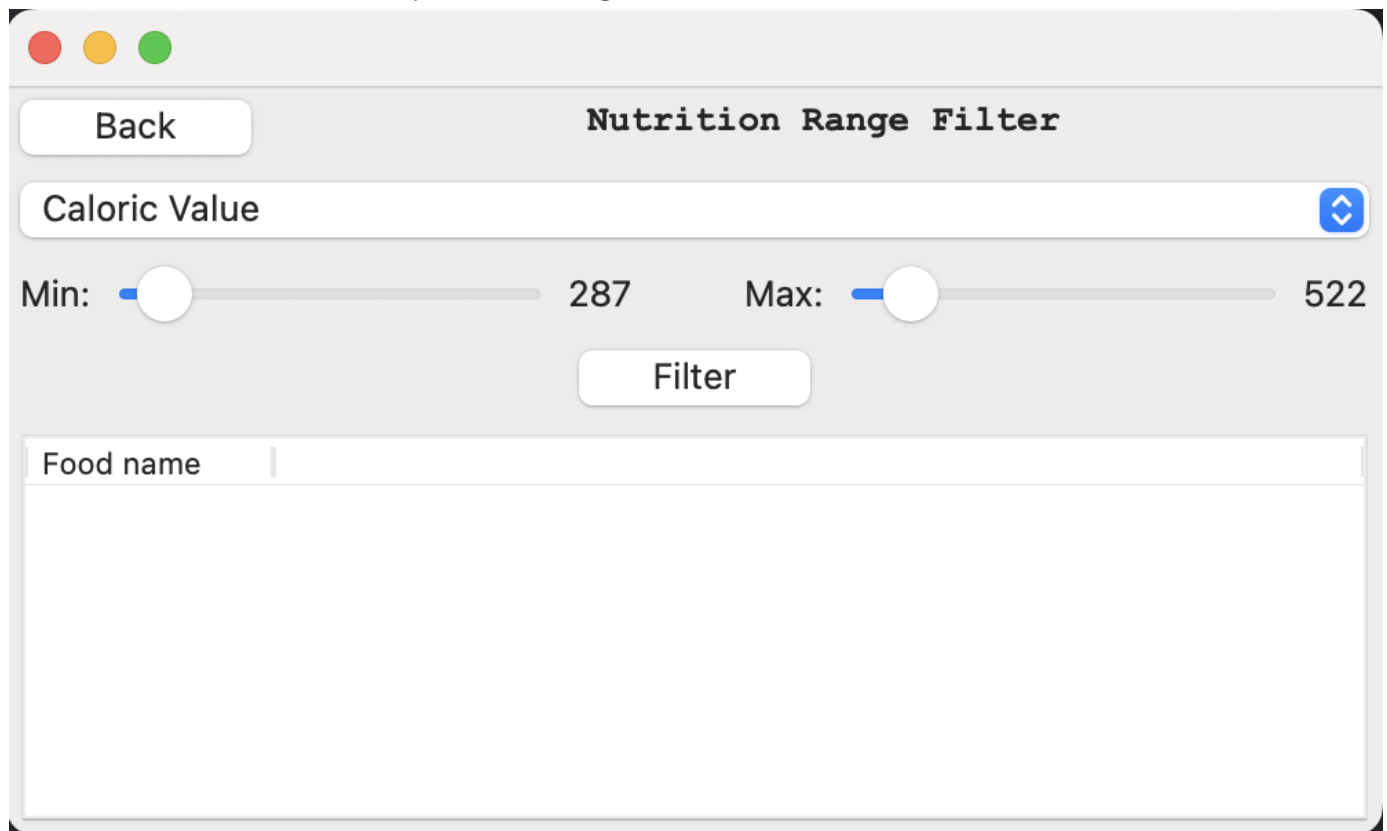
This feature allows users to filter all the foods within the selected range of nutrition value.

Steps

1. Select 'Nutrition Range Filter' from the main page.
2. Select nutrition from the drop box.
3. Select 'Max value' using the Max slider.
4. Select 'Min value' using the Min slider.
5. Select 'Filter' button to search.
6. View the filtered food in the list.

Screenshots

Include screenshots for each step demonstrating the use of this feature.



The screenshot shows a web application window titled "Nutrition Range Filter". At the top left is a "Back" button. Below it is a dropdown menu currently set to "Caloric Value" with a blue expand/collapse icon on the right. Under the dropdown are two sliders: "Min:" with a value of 287 and "Max:" with a value of 522. Below the sliders is a "Filter" button. At the bottom is a large text area labeled "Food name" with a vertical cursor, intended for displaying the filtered results.

Back Nutrition Range Filter

Caloric Value

Min: 287 Max: 522

Filter

Food name

- Port Salut Cheese
- Asadero Cheese
- Provolone Cheese Reduced Fat
- Roquefort Cheese
- Queso Blanco Cheese
- Queso Seco Cheese
- Chihuahua Cheese
- Muenster Cheese
- Queso Fresco Cheese
- Mexican Cheese
- Provolone Cheese
- Anejo Cheese
- Corn Tamale
- Baked Potato With Cheese Sauce Bacon

5. Calorie Tracker

Description

The calorie tracker enables users to monitor their daily calorie intake by setting a personalized calorie goal and selecting food items they have consumed or plan to consume.

Steps

1. Select 'Nutrition Tracker' from the main page.
2. Set your personalized calorie goal using the adjustable slider.
3. Search for a food item by entering its name in the search bar.
4. Select the desired food item by clicking 'Select' button beneath the list of results.
5. View a pie chart displaying the nutritional breakdown of all added food items.

Screenshots

