Executive Summary

GitHub Repository URL: https://github.com/JavaTheHut17/SoftTech_Group_06

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

1. Search Food Items

Description

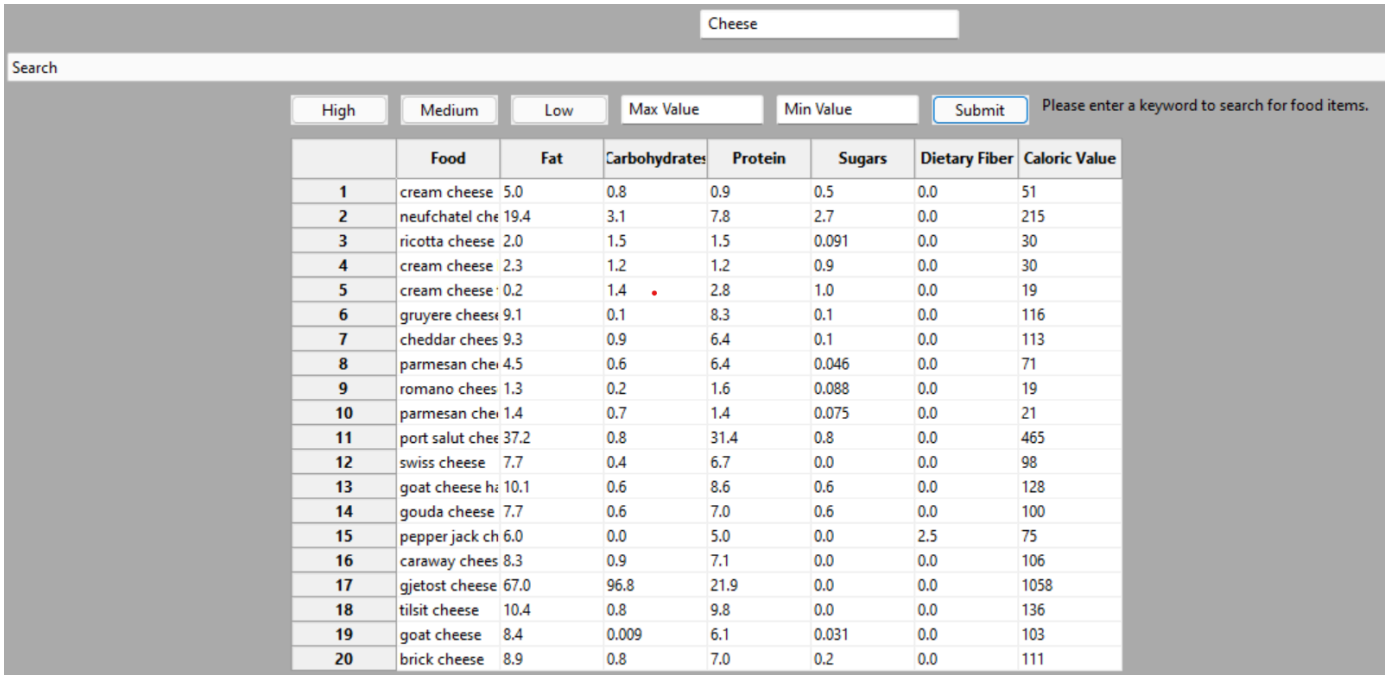
This feature allows users to search for a specific food in the database by typing it in the search box.

Steps

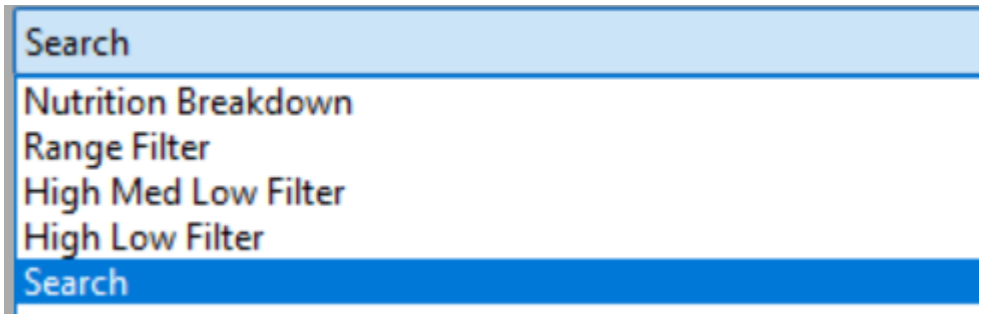
1. Type the food name in the search box
2. select 'search' via the drop-down bar
3. click submit button

Screenshots

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



	Food	Fat	Carbohydrates	Protein	Sugars	Dietary Fiber	Caloric Value
1	cream cheese	5.0	0.8	0.9	0.5	0.0	51
2	neufchatel che	19.4	3.1	7.8	2.7	0.0	215
3	ricotta cheese	2.0	1.5	1.5	0.091	0.0	30
4	cream cheese	2.3	1.2	1.2	0.9	0.0	30
5	cream cheese	0.2	1.4	2.8	1.0	0.0	19
6	gruyere chees	9.1	0.1	8.3	0.1	0.0	116
7	cheddar chees	9.3	0.9	6.4	0.1	0.0	113
8	parmesan che	4.5	0.6	6.4	0.046	0.0	71
9	romano chees	1.3	0.2	1.6	0.088	0.0	19
10	parmesan che	1.4	0.7	1.4	0.075	0.0	21
11	port salut chee	37.2	0.8	31.4	0.8	0.0	465
12	swiss cheese	7.7	0.4	6.7	0.0	0.0	98
13	goat cheese ha	10.1	0.6	8.6	0.6	0.0	128
14	gouda cheese	7.7	0.6	7.0	0.6	0.0	100
15	pepper jack ch	6.0	0.0	5.0	0.0	2.5	75
16	caraway chees	8.3	0.9	7.1	0.0	0.0	106
17	gjetost cheese	67.0	96.8	21.9	0.0	0.0	1058
18	tilsit cheese	10.4	0.8	9.8	0.0	0.0	136
19	goat cheese	8.4	0.009	6.1	0.031	0.0	103
20	brick cheese	8.9	0.8	7.0	0.2	0.0	111



2. Nutrition Breakdown

Description

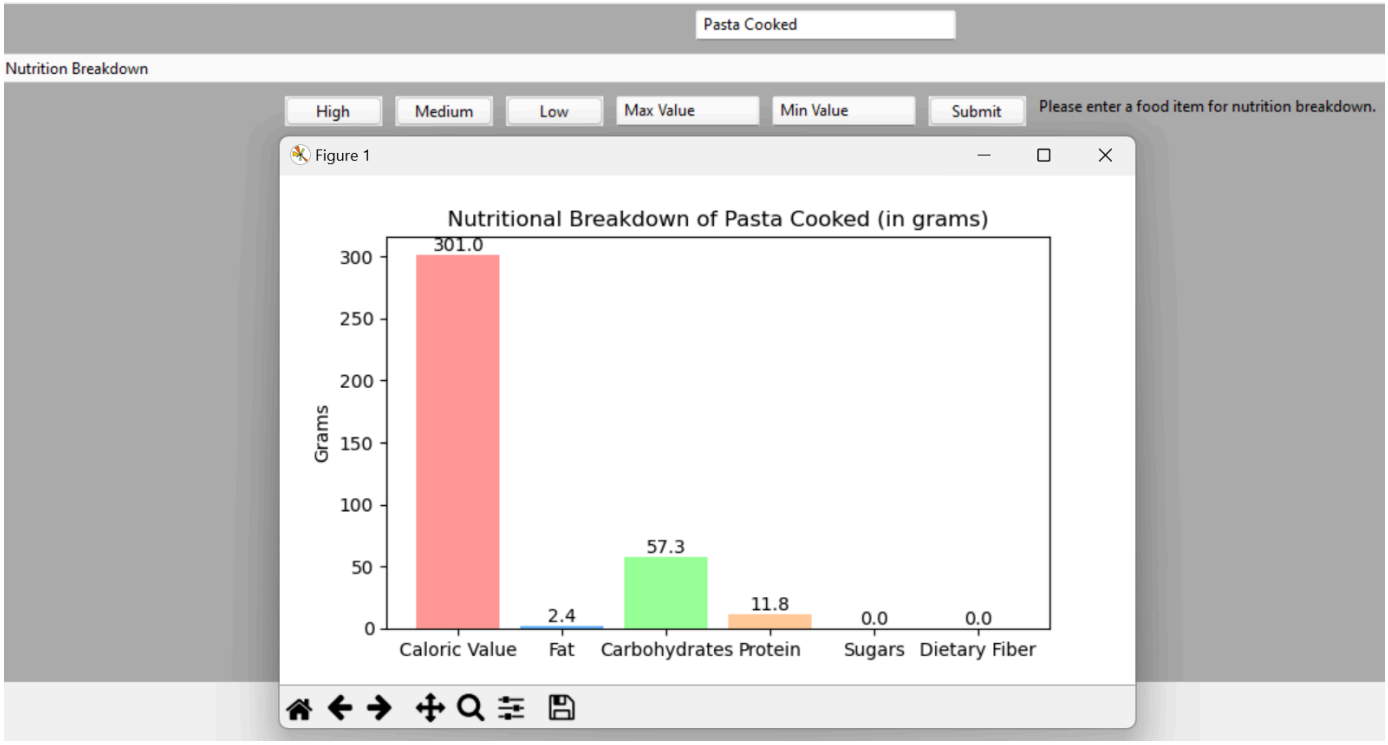
The nutrition breakdown function takes a selected food item from the dataset and displays its detailed nutritional values such as caloric value, fat, carbohydrates, protein, sugars, and dietary fiber in a bar graph.

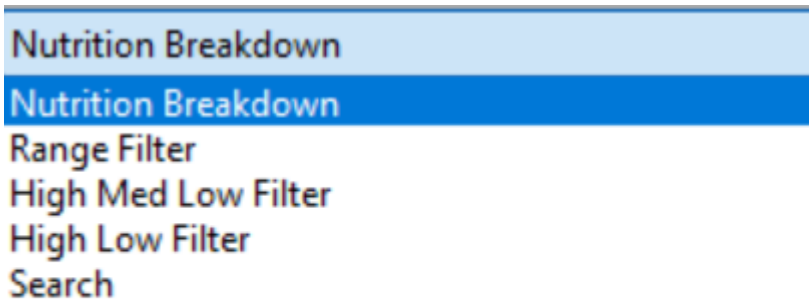
Steps

1. input the food name in the search box
2. select nutritional breakdown via drop-down bar
3. click submit

Screenshots

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





3. Range Filter

Description

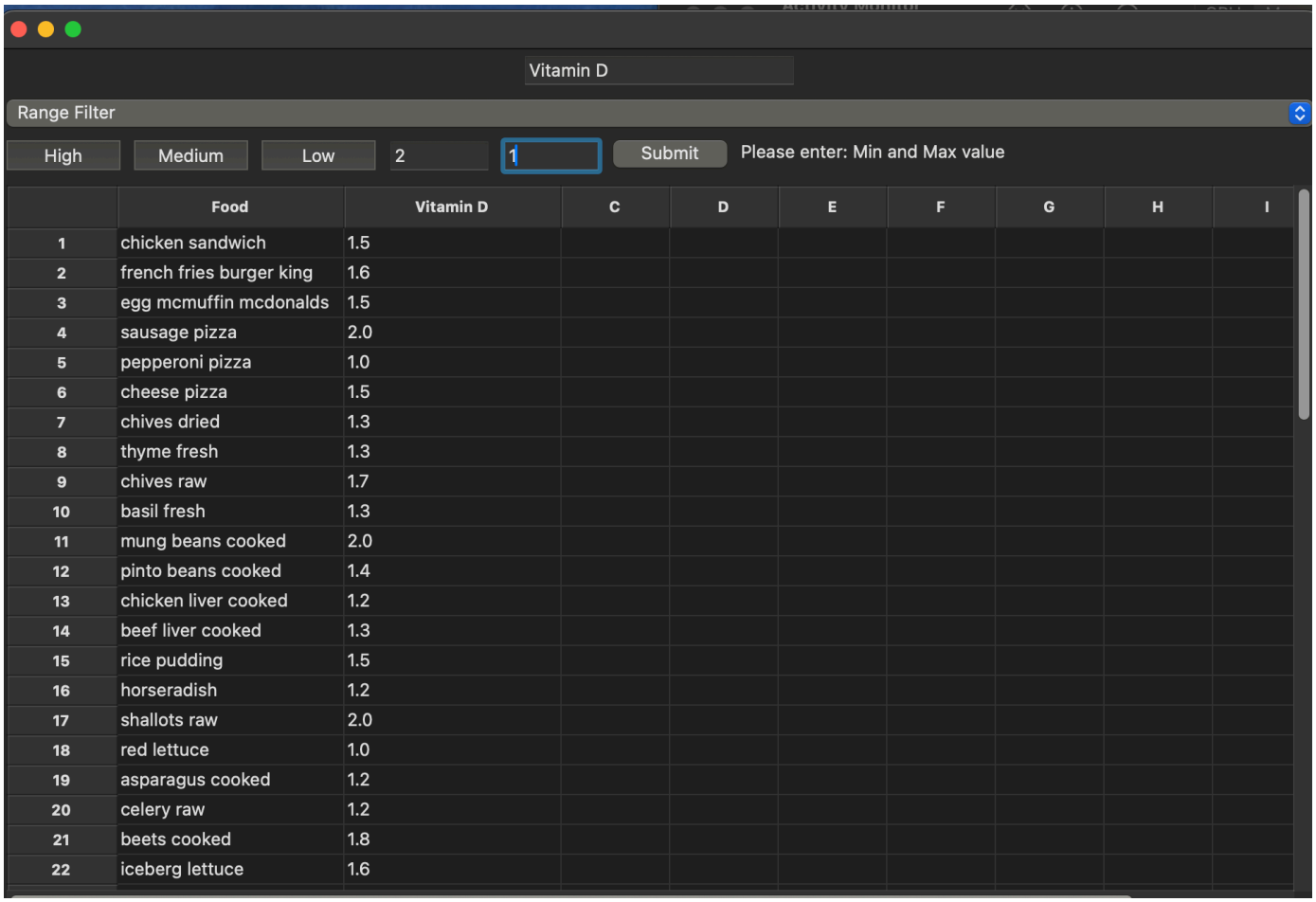
Filters food by a nutritional component of choice via a selected range.

Steps

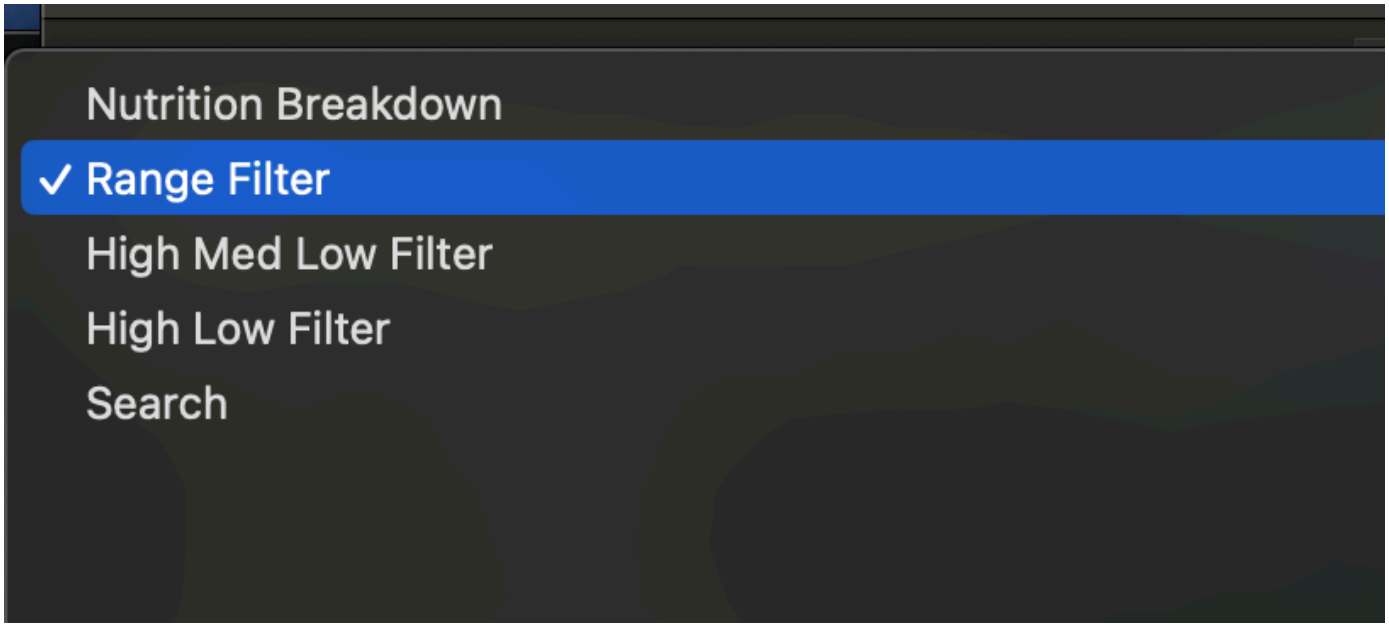
1. Input nutritional component into search bar
2. select Range Filter via the drop-down bar
3. Input Max and Min values into corresponding Min and Max text input boxes
4. Click Submit Button

Screenshots

Range Filter screen shots:



	Food	Vitamin D	C	D	E	F	G	H	I
1	chicken sandwich	1.5							
2	french fries burger king	1.6							
3	egg mcmuffin mcdonalds	1.5							
4	sausage pizza	2.0							
5	pepperoni pizza	1.0							
6	cheese pizza	1.5							
7	chives dried	1.3							
8	thyme fresh	1.3							
9	chives raw	1.7							
10	basil fresh	1.3							
11	mung beans cooked	2.0							
12	pinto beans cooked	1.4							
13	chicken liver cooked	1.2							
14	beef liver cooked	1.3							
15	rice pudding	1.5							
16	horseradish	1.2							
17	shallots raw	2.0							
18	red lettuce	1.0							
19	asparagus cooked	1.2							
20	celery raw	1.2							
21	beets cooked	1.8							
22	iceberg lettuce	1.6							



4. High Medium Low Filter

Description

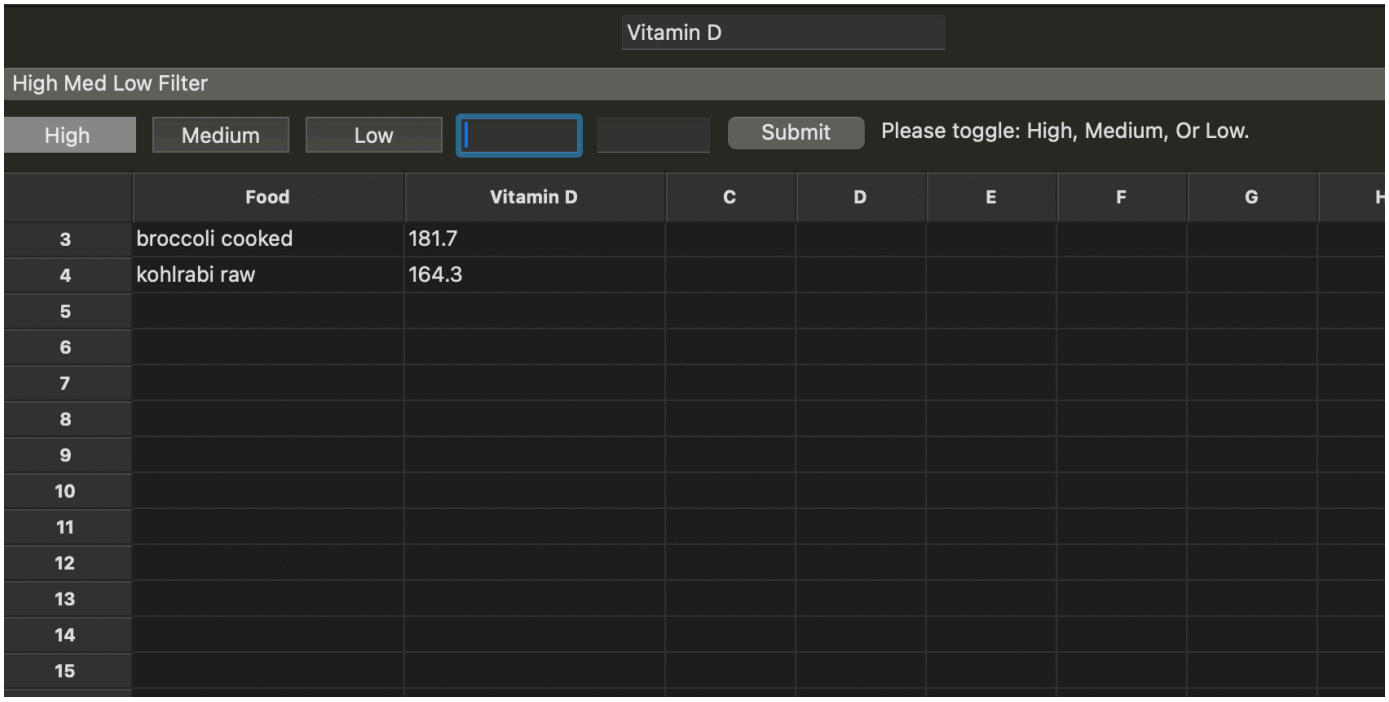
Filters food by a nutritional component of choice via of High 66% , Medium 66% - 33% or low >33% range.

Steps

1. Input nutritional component into search bar
2. select High med low filter from drop down bar.
3. Toggle either, high medium or low button.
4. Submit

Screenshots

High Medium Low filter screen shots:



5. High Low Filter

Description

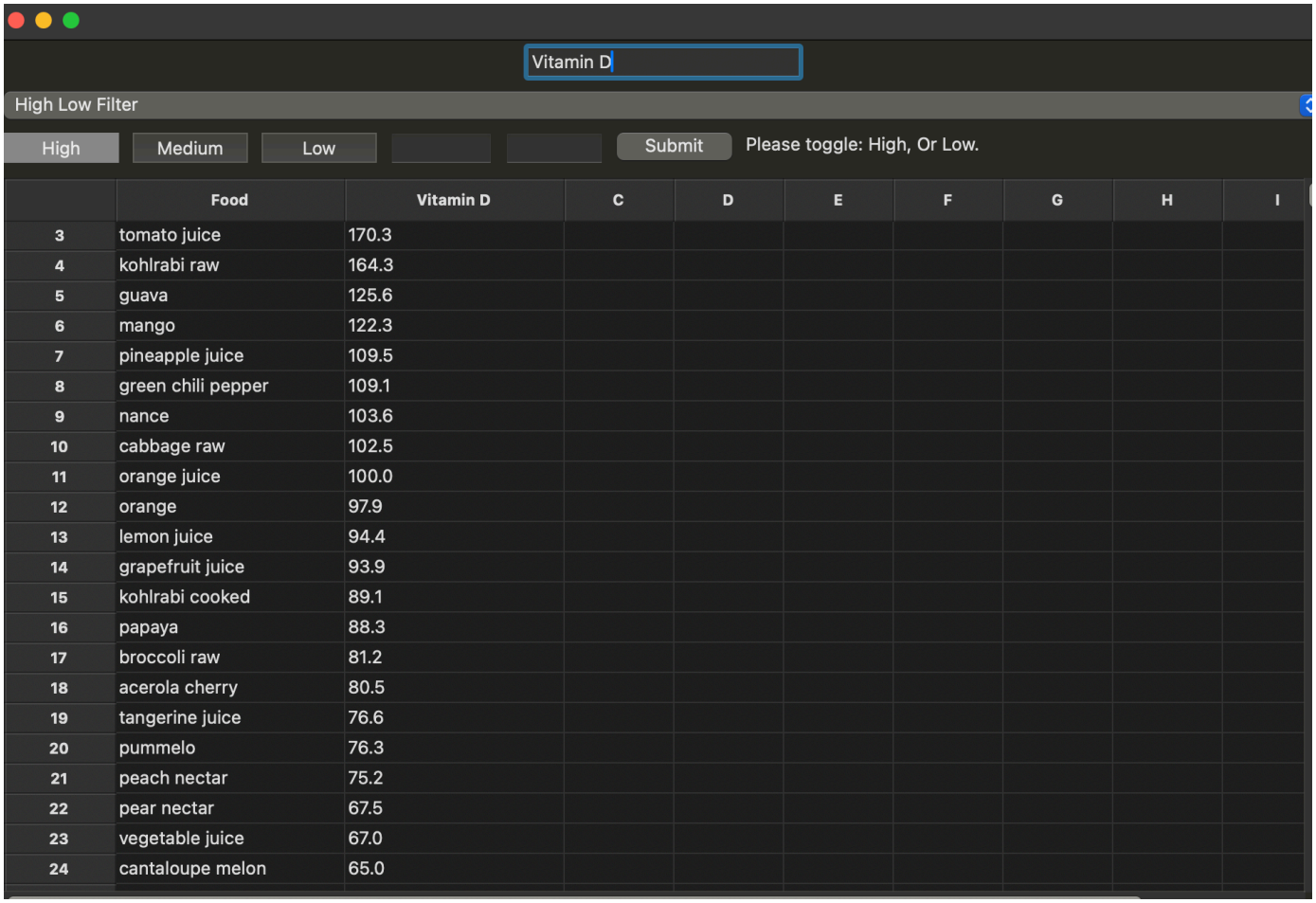
Filters food by a nutritional component of choice via the highest or lowest value in the database.

Steps

1. Input nutritional component into search bar.
2. select High low filter from dropdown bar.
3. toggle either high or low button.
4. Click Search.

Screenshots

High low filter screenshots:



	Food	Vitamin D	C	D	E	F	G	H	I
3	tomato juice	170.3							
4	kohlrabi raw	164.3							
5	guava	125.6							
6	mango	122.3							
7	pineapple juice	109.5							
8	green chili pepper	109.1							
9	nance	103.6							
10	cabbage raw	102.5							
11	orange juice	100.0							
12	orange	97.9							
13	lemon juice	94.4							
14	grapefruit juice	93.9							
15	kohlrabi cooked	89.1							
16	papaya	88.3							
17	broccoli raw	81.2							
18	acerola cherry	80.5							
19	tangerine juice	76.6							
20	pummelo	76.3							
21	peach nectar	75.2							
22	pear nectar	67.5							
23	vegetable juice	67.0							
24	cantaloupe melon	65.0							