DIET PROBLEM

SOLVER

USER MANUAL

Alexander Gabriel Aranes - Author | Developer

This document will serve as the instruction manual for new users on how to fully utilize the Diet Problem Solver app.

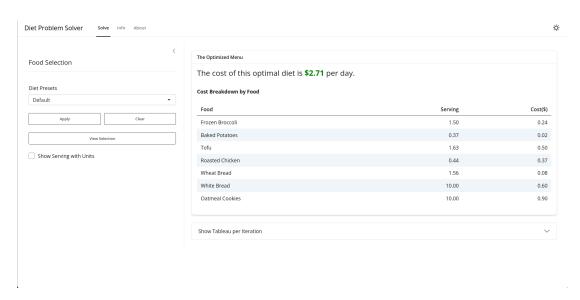
 App Repository:
 https://github.com/alexgaaranes/Diet-Problem-Solve

Download app archive: https://tinyurl.com/4wbfz45i

Use app online: https://alexgaaranes.github.io/Diet-Problem-Solver/

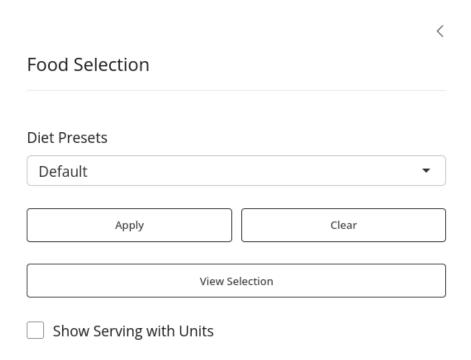
Usage:

1.) Upon opening of the app, this will be the first thing users will see.

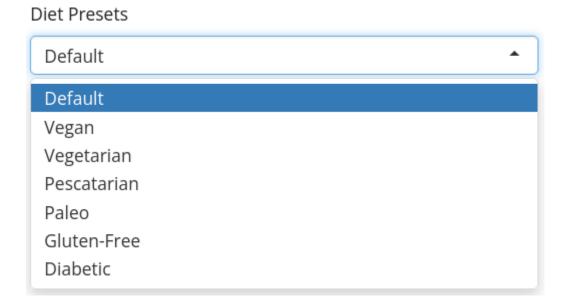


This is where all the features can be located and can be used. There are more tabs for users to explore but those tabs don't have significant features for app usage.

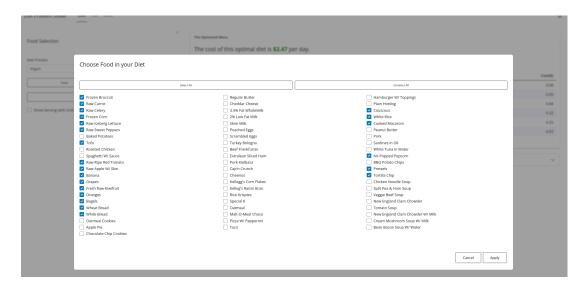
2.) In the **Food Selection** side panel on the left, users are offered options on how they want to select the food that will be used for the calculation.



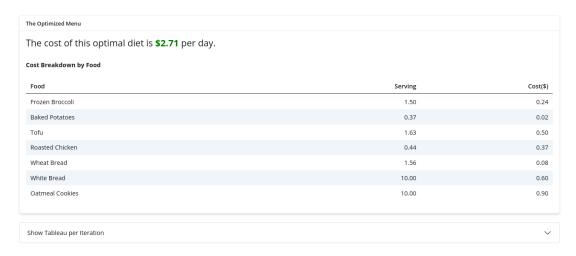
3.) There are presets of selection that correspond to a type of diet. Users can also click **Apply** to use the preset for the calculation.



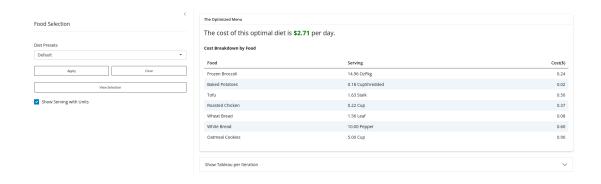
4.) To make a custom selection of food, users can click View Selection that will open a Modal Dialog showing all the available food.



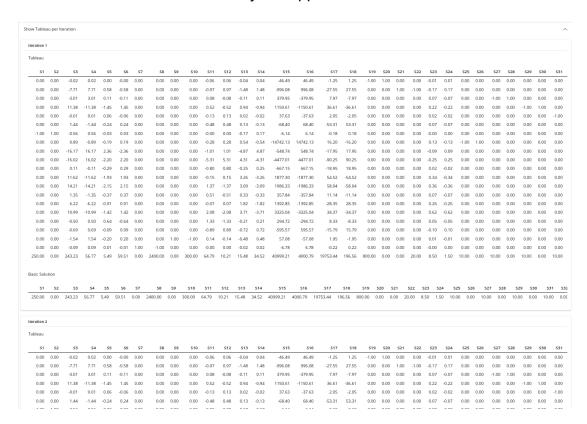
5.) Upon applying changes, the app will calculate the minimum cost and diet plan based on the selected food. It will be shown on the **right side** of the page.



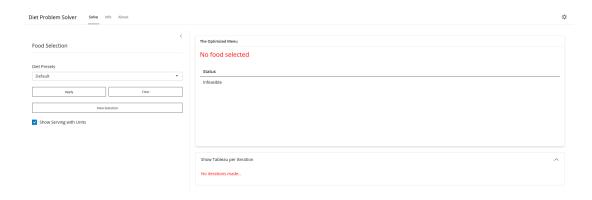
6.) Users can check the **Show Serving with Units** checkbox to see the actual measurement of the food servings base on the data.



7.) For curious users who wants to see the **step-by-step** changes during the calculation, the **Show Tableau per Iteration** accordion will show the table of values and solutions calculated by the app.



8.) Users can also clear the selection of food and there will be no result table to show.



9.) On the **top right** of the page, there's a button for toggling between **light** and **dark** mode.

