Two search functions were added:

1. Input: query\*, diet, intolerance, include ingredients, exclude ingredients, max/min calories/Carbs/Protein/fat

Output: item id, title, used ingredients count, missed ingredients count, image, calories, fat, carbs, protein.

1. Input: include ingredients\*

Output: item id, title, used ingredients count, missed ingredients count, image

Then use the item id to request the detailed nutrition, ingredients, and recipe instructions.

Note: if we search for ‘grilled chicken burger’ for 10 results and get the detailed nutrition and instructions for each of the item, in total, there will be 1+10+10 = 21 times of requests from the server.