

Pantry Tracker and Recipe Maker Abstract

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What are you going to make for dinner tonight? This is the problem that presents itself for families every night around the world. In our modern age, most people have neither the time nor energy to keep track of what ingredients they have and what they can make with them. Most people live to eat, some people like to cook and eat, but nobody likes to think about what to make, cook, and eat. Some choose to dine out, avoiding this problem, however the costs add up fast with the average american household spending \$3008 per year according the the Bureau of Labor Statistics reports¹.

While some alternatives exist on the market today, these options are limited and expensive. Blue Apron, for example, charges \$9.99 per serving and only provides 4 meals per week. Postmates delivers pre-made meals, but its service can get expensive, and doesn't allow you to make your own food. All of these options do not utilize ingredients you already own, leaving your groceries to waste.

We've come up with a solution to this problem. Our product is an application that will both keep track of what is in your pantry, as well as provide recipes based on what ingredients you currently have. It will also have a "shopping list" function that will allow you to input whatever items you're planning to buy, check them off as you put them in your shopping cart, and have these ingredients automatically updated in your home's list of ingredients.

¹ <https://www.bls.gov/opub/reports/consumer-expenditures/2015/pdf/home.pdf>