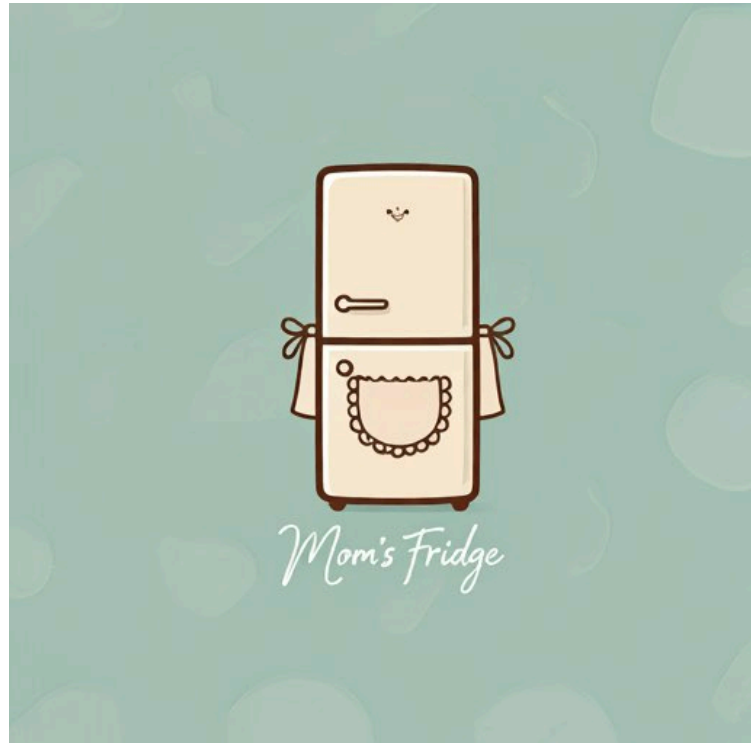


Mom's Fridge

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Overview

Mom's Fridge is a software that asks the users to input the raw ingredients they have at their disposal. The software then searches our extensive database and outputs a recipe(s) depending on the ingredients the user listed and the difficulty level selected.

Github Link: <https://github.com/EthanLJudice/Mom-s-Fridge>

Product Vision

Product Name: Mom's Fridge

- **FOR** low income college students and those with low cooking skills
- **WHO** need to develop basic cooking skills
- **THAT** tailors given recipes based on user preferences and experience
- **UNLIKE** supercook.com
- **OUR PRODUCT** emphasizes on improving the user's cooking prowess

Market Analysis

Our Target audience are young adults that have ingredients to cook with but don't know how to make a recipe with them. We would also target people who need something they can cook fast.

A list of existing similar applications are:

- Super Cook
- Recipe Radar
- My Fridge Food

Marketing Strategy:

- We would market it through Youtube ads (the unskippable kind) and we would also charge \$4.99 for non-student users and \$2.99 for existing college students per month.
- We would require a verified student email address to make sure the user is an actual college student
- With the money acquired from our audience, we would expand our marketing strategy, user feedback options, and consistent updates to our program

Scenarios

Spaghetti Bolognese (James Digiovanni): James had grown exhausted from listening to his stomach growl for hours on end. When he opened his fridge all he saw was some leftover raw beef from taco night a few nights ago, and in his pantry was some uncooked pasta and tomato paste. He knew he could probably do something with this he just did not know what, he did not have his mothers talent. After some research he stumbled upon our software, Mom's Fridge. Our software asks the user to input the raw ingredients they have at their disposal and the software searches an extensive database to output a recipe with the ingredients they have. James listed his ingredients; raw beef, uncooked pasta, and tomato paste, and the software printed out a recipe: spaghetti bolognese. James followed the recipe and was blown away by how similar it was to his moms cooking. He is now a frequent user of Mom's Fridge.

A Trip to Albertsons (Lillian Beck): For her recent birthday, Lillian obtained a new set of cooking supplies from her grandma, which she so desperately wants to use. However, Lillian has no idea how to use these supplies, and has no idea what to cook. After recently buying groceries at the nearest Albertsons, Lillian has all the necessities she needs, but no recipe to put it all together. Lillian rushes to her phone, texting all of her single moms to see if they can help. Luckily, Lillian's best friend, Giggles, texts her back. She says, "Lillian, do you know about Mom's Fridge," an app that takes the raw ingredients you have and gives you a recipe(s) that you can make with what you have. Lillian is blown away by this and immediately inputs her ingredients into the software. Several beginner recipes are listed and she's ecstatic. She chooses grilled cheese and a creamy tomato soup to please her young kids' picky habits. After about an hour she has it ready and it looks straight from a restaurant. She is very pleased and will continue to use the software!

User Stories

- As a college freshman with low-cooking experience, I want to be able to start cooking and providing meals for myself
- As a college freshman with low-cooking experience, i need to be able to make recipes with the ingredients i own
- As a single mom of three, I need to provide them with well made recipes instead of fast food on a daily basis
- As a single mom of three, I should look up websites that help me learn and create new recipes
- As a manager at Copeland's restaurant in New Orleans, I could easily use Mom's Fridge in order to obtain new recipes I couldn't think of to add more dishes on our menu

Functional and Non-Functional Requirements

Functional

- The Program will allow you to enter in your ingredients
- The program will search for recipes using the ingredient
- The Program will sort and display the recipes based off the users preferences
- The Program will allow you to click on presented recipes for more details
- The program will display a loading sign when it is sorting the recipes

Non-Functional

- The Program will be able to support 100 concurrent users without a decline in webpage function
- The Program's subscription service will be clear and easy for users to manage, clearly outlines terms and conditions of using the software
- The Program will comply with national allergy and food regulation based on the user's country
- The Program's recipes will comply with existing copyright laws
- The Program's user data will be securely protected in accordance to privacy laws