the food saver

BY MILLENIAL ELECTRONICS

01 **MISSION**

Our core mission is to cut down on food waste and enhance the freshness of produce in homes across the world.

02 **TEAM**

We are a team of designers, chefs, and lifestyle experts that want to curate and enhance the joys of everyday eating.
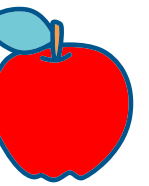
03 **TECHNOLOGY**

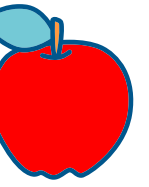Our state-of-the-art technology uses our proprietary eudaimonic machine learning to enhance satisfaction and well-being,
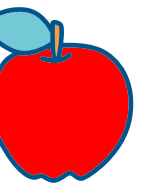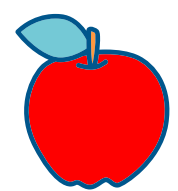
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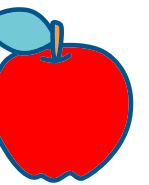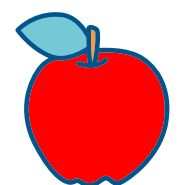
buy ingredients directly 🍎

check what foods you have 🍎

AI-based recipe generator for
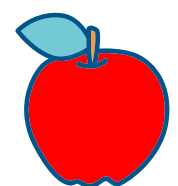the ingredients you have 🍎
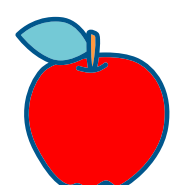
alerts for food that is about to expire 🍎

🍎 Choose what cuisines you prefer

🍎 Select portion sizes

🍎 Options for food restrictions

🍎 Customize number of servings

Reduce
WASTE
**& LIVE A
HEALTHIER LIFE**

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A DESIGN MANIFESTO

It all began in our founder's kitchen. She was so tired of repeatedly buying groceries in bulk just to end up throwing it out at the end of the week due to its short shelf-life.

Thus, this smart fridge was born. Unlike conventional smart fridges, this fridge not only lets users know when food will expire but also helps generate recipes when they're in a bind on what to cook for dinner.

Users can customize what they want to eat, pin their favorite recipes, and delete recipes they did not enjoy. Of course, they can also tell the fridge to generate a new recipe if the first one wasn't exciting them.
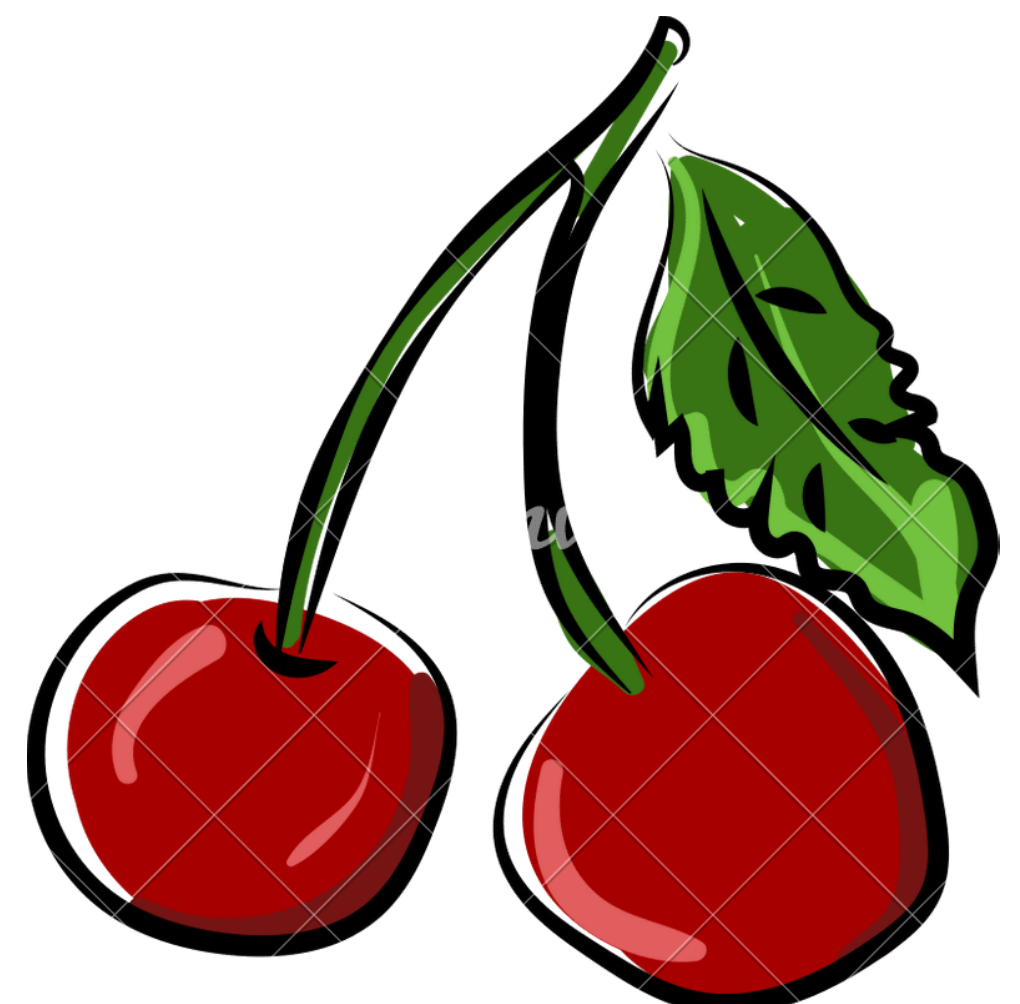
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A MANUAL & MANIFESTO

The Food Saver was an idea that came from the need to curb food waste while simultaneously helping people expand their horizons by cooking and enjoying delicious foods from global cuisines. Too often, we see people that buy produce or other essentials and forget to use it up before it rots or expires. The Food Saver will provide alerts and integrate these ingredients into meal recipes to prevent it from going back. If the food item is at the back of the fridge, the fridge will even move the item to the front at eye-level to make sure that the person opening the fridge has the ability to see the item and has choices on how to consume that food.

Consequently, this smart fridge satisfies both the economic and way of life loops. By preventing money from being wasted on groceries that were never consumed, the economic well-being of the user increases. In addition, the quality of life is dramatically improved with this fridge because the user gets exposure to a variety of different cuisines and cooking techniques. This tool keeps the human in the loop (because humans still have to cook food that the recipe generator suggests) while simultaneously accounting for user preferences and creating personalized suggestions.

Food is a necessity and consuming various delicious and appetizing foods is a wonderful pleasure in itself. Yet, despite the prevalence of smart technologies, we see very few technologies that aid in the pursuit of this ultimate joy. This smart fridge aids users in becoming more connected with the cooking and their food through a simple, very intuitive design. By facilitating the act of cooking, users get tremendous joy from savoring the delicious new recipes the fridge suggests for them and sharing them with the people they love.

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A MANUAL & MANIFESTO

The color of the fridge being a light space grey is to blend it with its background. The screen on one side of the fridge is large to help visually-impaired users. The screen uses our novel Paperlight technology to prevent eye strain and to ensure that it is visible but not distracting even when the kitchen is dimly lit.

The smart fridge launches and first greets you with an inspirational images that you can customize. The default image is on the left. Research has found that seeing an inspirational photo before starting a task increases the likelihood you complete your task and also reduces stress.

Once you tap past the initial screen, you are prompted to type in how many servings of food you'd like to make and what cuisine you are feeling like eating. You can also select from any recipes you've favorited in the past. Using all the information, as well as taking into account what food you have in your fridge and when it will expire, our AI system will generate a list of 3 recommended meals to choose from. Each meal option is accompanied by step-by-step instructions on how to cook the meal. If no meal suits your preference, you can indicate that. You can also indicate if there's a meal you particularly enjoy and the AI system will ensure that these choices are shown more frequently.