

ExpireMeNot

Team #7

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ExpireMeNot

Summary: ExpireMeNot is an app designed to help users reduce food waste in their homes by providing tools to better organise, track, and utilise the items in their kitchen pantries, fridges, and freezers. This digital assistant aims to bring efficiency and sustainability to everyday food management.

Project Description: The program serves as a kitchen inventory manager. It allows users to add, remove, and monitor food items across different storage locations. It is equipped with features like a calendar view, virtual location view, colour-coded expiration tracking, and recipe recommendations based on available ingredients.

This tool is planned for a wide range of users, from busy families to students to individuals living alone, and is especially useful for environmentally conscious individuals looking to reduce food waste and optimise grocery usage. Because everybody's time and mind are usually preoccupied with their daily tasks, like with school and work. Most of the time, they are not thinking about shelf life of their products. As such, the application will help organize and keep track of it for them. It also helps save time with planning on what to use with food items, and especially expiring food items by presenting to the user with recipes that use those food items so that they do not need to do research and find the recipes themselves.

Value of the Project: ExpireMeNot addresses the critical issue of food wastage, a global concern with significant environmental and economic implications. By providing an efficient means of tracking and utilising food items before they expire, ExpireMeNot helps reduce waste, save money, and promote sustainable living practices. Additionally, it aids in meal planning and grocery shopping, making the process more efficient and less time-consuming.

Goal: The app will be considered successful if surveys of users show they are throwing away less spoiled food after using ExpireMeNot. We aim for users to reduce their household food waste by 15-40%. Environmental impact will also be measured by tracking the reduction of organic material entering landfills from users' homes.

To achieve our goal, ExpireMeNot will be equipped with many systems to help users in tracking their products and which products will soon expire. We plan on implementing warnings on the app to notify the user of any products that are going bad. For example, there will be a calendar view to present to the user on which days specifically their products expect to go bad. As well, users will be able to sort their products in many ways, one of which being sorting by expiration date to see what items are going to expire the soonest.

- ☒ Title
- ☒ Summary
- ☐ several paragraphs containing more detail about your vision for the project
- ☒ description of what the project is
 - ☒ (including who the users are)
- ☒ why the project is valuable
- ☒ ~~success criteria that indicate the goal(s) of the project (Can be expanded?)~~

Create Fridge

I should be able to create a new fridge/pantry and give it a specific name. This will help me keep track of what pantry space I'm managing.

Priority: High
Cost: 1 Day

Add Item

I should be able to create a new fridge/pantry and give it a specific name. This will help me keep track of what pantry space I'm managing.

Priority: High
Cost: 2 Days

Tag Food Group

I want to tag each food based on their food groups. I.e Fruits, Vegetables, Grains, Proteins and Dairy. This will be useful to know the composition of food items in the pantry.

Priority: High
Cost: 2 Days

Delete Item

I'd like to also be able to remove items from the pantry, if I no longer have it available. When foods are consumed or expired, I would need to be able to stop tracking them.

Priority: High
Cost: 2 Days

Add User

I want to be to have my family members to be able to manage the food they don't want to share, and that be able to see which item belongs to whom.

Priority: Medium
Cost: 2 Days

See Full List of Items

I want to see all the food items that we currently have. I should be able to determine what foods I still have without needing to be at home.

Priority: High
Cost: 2 Days