FOODGIES

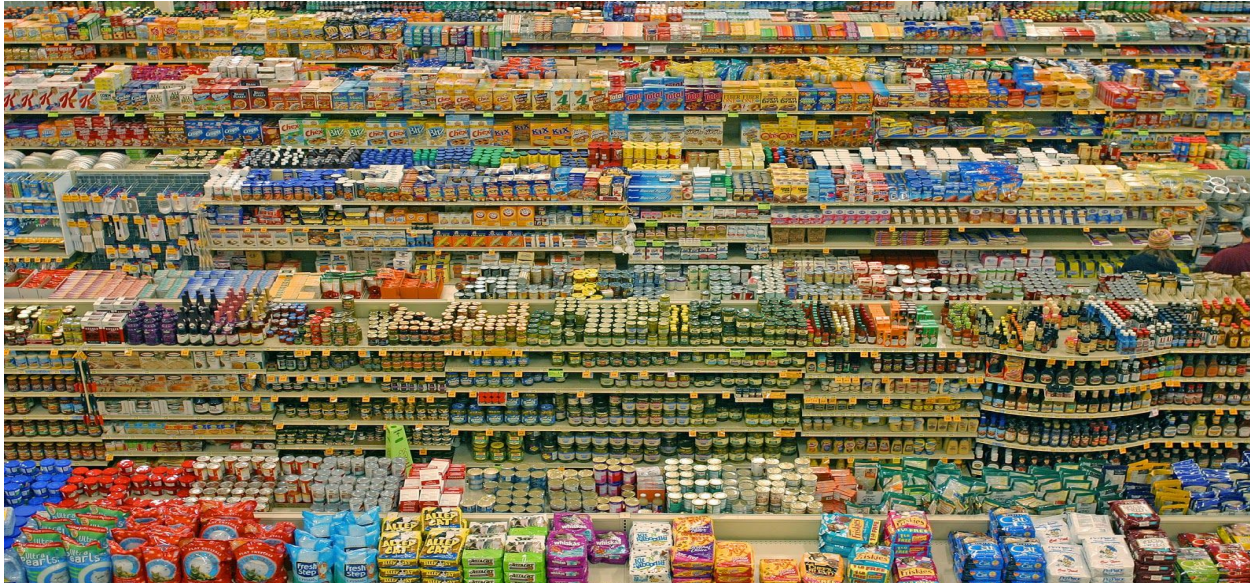## Save Time, Save Lives

DESCRIPTION

Overview

We came up with the idea to design a mobile application that allows users with specific dietary requirements to streamline their shopping experience by allowing them to quickly find dietary information about potential product purchases.

The application works by having the user take a picture of the items of interest and by using image recognition technology, it will analyse the ingredients in the item, and then feedbacks to the user if that item fits into their diet. Users can also add different users they know and any necessary dietary information for that user so that they can also safely shop for others as well.

This allows users to rest easy knowing that anything they are buying will be safe for themselves and anybody else they might be shopping for.

The application will be released on Android and iOS.
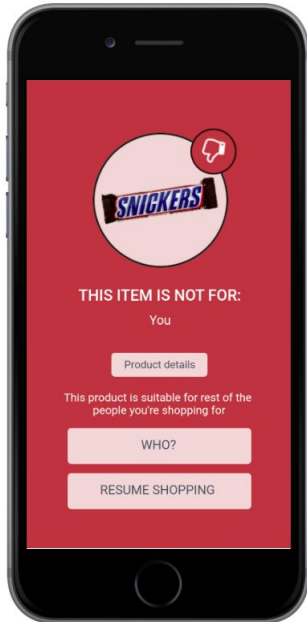
FEATURES

Image Recognition

The computer vision technology that powers the application is able to match any product that the user scans and find all ingredients in that item, this allows our system to find out if any item will fit your needs.
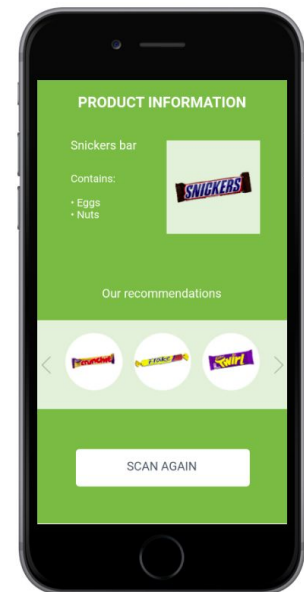
Add Multiple Users

Adding multiple users allows you or someone else to do the shopping without the fear of getting the wrong items, this can be particularly useful for carers such as babysitters, newly acquainted roommates etc.

Intelligent Recommender System

If the item that you scan doesn't fit your dietary requirements, then Foodgies will recommend items based on matching ingredients and the description of the product

Smart Design

The Foodgies application has been designed so that the core functionality can all be used and accessed using one hand. This is perfect for those that uses baskets when doing a light shop.

FUNCTION

How it works

1. Sign up and add your specific dietary requirements

2. Add any other users that you might shop and their dietary requirements

3. When you're out shopping, select who you're shopping for by filtering the necessary people (e.g. Just you, you and other members you've added, etc.)

4. Take a picture of the food item you want to find out about

5. Foodgies then analyses the item and cross references that with who's being shopped for

6. Foodgies then indicates if that item fits the diet of the selected users.

   a. If it doesn't fit then Foodgies will recommend other food items that is similar to what it scanned