App Design

Tuesday, October 3, 2023

15:41

"Food For Me?"

Target Audience

- Dietary restrictions (i.e.: food allergies like dairy, nuts)

* Lifestyle diets (Keto, Paleo)

Primary Function

* Scan barcode of a food and deliver whether or not ingredients meet certain criteria for the applicable diet

Other functionalities:

* Grocery Lists
* Link to grocery delivery apps/create grocery list on specific app (automatically loads cart of said app based on selected SKUs)
* Ingredient Update Alert (if something changes that makes a food item no longer meet the set criteria)

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Initial deployment:

#1:

As an individual with a dietary restriction/lifestyle diet

I want to Set a dietary restriction on app

So that I can save an "acceptable foods" list

* This would likely be simplest to create/code
* Low hanging fruit
* Drop-down menu
* "Small" tshirt

#2.

As a an individual with a dietary restriction/lifestyle diet

I want to maintain an "acceptable foods" list

So that I can revisit it at a later date

* Second easiest to create in app programming
* Medium tshirt

#3.

As an individual with a dietary restriction/lifestyle diet

I want to Scan barcode

So I can determine if a food meets my set dietary restriction

* Likely most time consuming to code in the app
* Other apps already use barcode scan technology (My Fitness pal) so this functionality exists
* API for barcodes and ingredients -- need to access this data somehow
* "Large" tshirt

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Other functionalities: Future versions

* Grocery Lists

As a user of this app

I want to use my repository of saved barcodes

So that I can create a list of specific items (additional data transformation)

* Link to grocery delivery apps/create grocery list on specific app (automatically loads cart of said app based on selected SKUs)

As a user of this app

I want to use my list of specific items

So that I can order these items from a specified grocery delivery app

* Ingredient Update Alert (if something changes that makes a food item no longer meet the set criteria)

As a user of this app

I want up to make sure I have date information on ingredients

So that I can be sure that items still meet my criteria/be aware of any ingredient changes

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