# Kitchen Manager

## Summary

The kitchen manager is a multi-tool application designed to partner with the modern family on the go. This application allows you to save your family recipes in the cloud, design meal plans, tract nutrition, and automate grocery lists. This gives a family one place to go and coordinate nightly activities which allows for more family time.

## What issues are addressed

Spending hours each night trying to figure out what to feed the family

Saves Money on budgets from streamlining needs

Time spent making good shopping lists

Saving family recipes so they are not lost recipe

Tracking family nutrition on the fly

Track and remember family activities

## What is the demographic:

This app is targeted for households where the families have a high level of activity. Also families with multiple parents working and family time is limited. This application will help families that are trying to be health conscious. This application will also help with financially challenged families buy saving money on groceries.

## Registration

Default planning weeks (show)

Include planning for deserts (show)

Select/set online calendar Url

How many meals

## Profile section

Notify how many of each entrees

Notify how many dishes have not been voted on after creation

Change calendar

Change basic color theme

Planning time frame.

Deserts?

Nutrition

## Calendar section

Activities section needs created

Ask how many weeks to plan for upon registration

Calendar appears on the top

Drop down of dishes or drag and drop (maybe both)

Default items leftovers and dining out

?? Custom entry??

Option for how many meals are needed (kids sports or vegetarian)

Meals broke into

* Main entre
* Side dish
* Side dish 2? (or maybe the ability to drag and drop multiple
* Salad
* Desert

Needs to be printer friendly

Key to color coding for missing nutritional info.

## Favorites section

Way to set favorites or voting on meals and then filter by them

Select meal to go to details about meal/dish

Drag and drop into calendar

Vote on meal (stars)

## Grocery list

Section or isle#

Created as the calendar is populated

Needs input for custom item

Maybe we use an “other” object in the backend

Need to be able to specify a store

Custom removal of dishes

Quantity counting to remove duplicates (corn as side)

Keeps track of cost including tax (input box at top)

Remove items from list after they have been acquired and move to done list below shopping list (drag and drop or box)

## Recipes {object}

Title:

main section:

Ability to add cooking directions

??Add photo??

## dish creation

prepare time + cook (time to eat)

components to create dish

options for recipe

option for image

Nutritional facts

## Manage Dishes - page for item removal

Ability to remove dishes

Edit (create recipes after the fact)

Voting (stars)

## Pantry

Track items in kitchen (staples, spices, pantry, fridge items)

Current calendar deducts stock from pantry

Color code grocery list for affected items

Warning system when low (see add other items)

Import from Grocery list (pain in butt for tracking purposes only)

Excess from shopping

Capability to audit pantry.

## Public Share

Select outside app or cloud service to share favorite recipes, lists, nutritional info

Select method to forward shopping list. (text, evernote)

## Start from recipes to create dish

Search database and import recipe

??? components for grocery list????

Possible maybe to import recipe and then create components

States

* Login
* Registration
* Profile

Home (calendar)

Favorites

* Manage dishes
* Dish creation

Grocery list

## Appendix a: US Nutritional Information Reporting Regulations (summary)

As summarized in the Surgeon General's report (DHHS, 1988) and the NRC Diet and Health report (NRC, 1989a).

The Committee's recommendations for information on nutrient content are based on the discussion in [Chapter 6](http://www.ncbi.nlm.nih.gov/books/n/nap1576/ddd00171/). Included are recommendations on the disclosure and presentation of total:

Current label requirement for Nutrients:

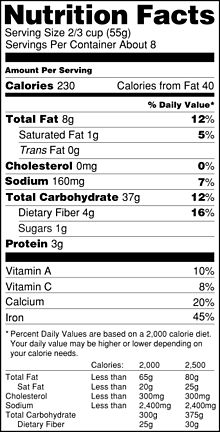
**Our Schema:** calories, totalfat, saturated, transfat, cholesterol, carbohydrates, protein, fiber, sodium, potassium, calcium, iron,

and other micronutrients.

Current label requirement for other micronutrients: [National Library of Medicine, National Institutes of Health.](http://www.ncbi.nlm.nih.gov/books/NBK235566/table/ttt00010/?report=objectonly)

**Standardizations**

8be57c - background



Contained earlier in this chapter are discussions of and recommendations for serving size and qualitative disclosure of micronutrients.

#### Clarity of Information driving our data input schema

In addition to standardizing and limiting the number of categories of serving size and providing for the organized grouping of fats and carbohydrates, several other issues are of concern that have an impact on label formats..

***Units of Measurement***

The appropriate measure for most macronutrients is **grams**. However, for macronutrients such as cholesterol, sodium, and potassium, the measure should be **milligrams,** to avoid the need to use decimal declarations. The Committee recommends that components listed in milligrams be grouped together following the macronutrients declared in grams.

***Nutrient Groupings***

For clarity of information and to facilitate the education process, consumers should expect that nutrients will be presented in logical groupings. Consumers should also expect that the quantities declared for nutrient subgroupings added together will equal the amount appearing on the line for the group as a whole (e.g., required fat components [except cholesterol] and, if provided, carbohydrate components [except fiber]).