



MealMetrics

**Rozaliya
Everstova**

**Natalie
Lowell**

**Joel
Sands**

**Michael
Denis**

About MealMetrics

— — —



MealMetrics is an app for mobile devices that will help users on the run to select fast food meal options that best fit into their pre-programmed diet for the week.

It is anticipated that this app will mainly attract college students who frequently find themselves buying food out and trying to balance their nutrition at the same time.

Storyboard

```
graph LR; A((Select meal based on relevant criteria)) --> B((Save selection)); B --> C((Order)); C --> D((Look at nutrition analysis));
```

Select meal based
on relevant criteria

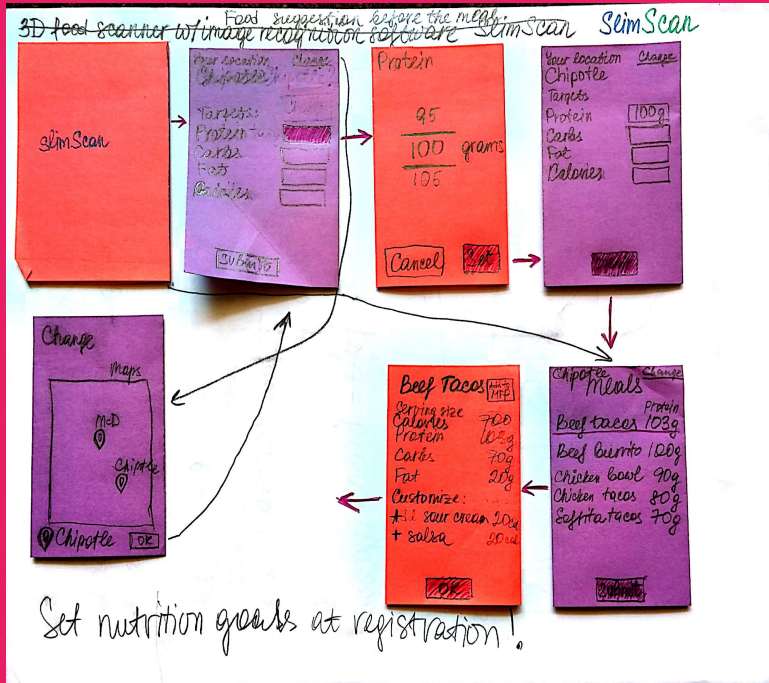
Save
selection

Order

Look at
nutrition
analysis

MealMetrics Prototype

Version 1



Mockup

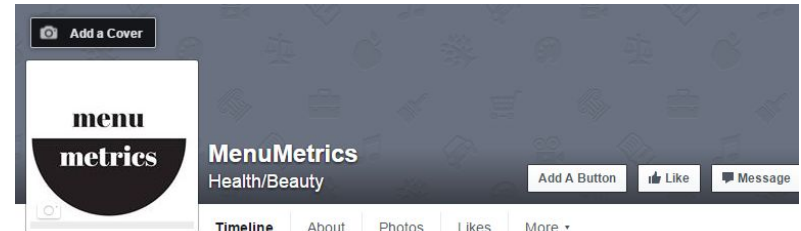
- Paper mockups
- Not set on one idea how the app would work

Website

- Basic website launched
- Inserted app description and a prototype screen

Facebook

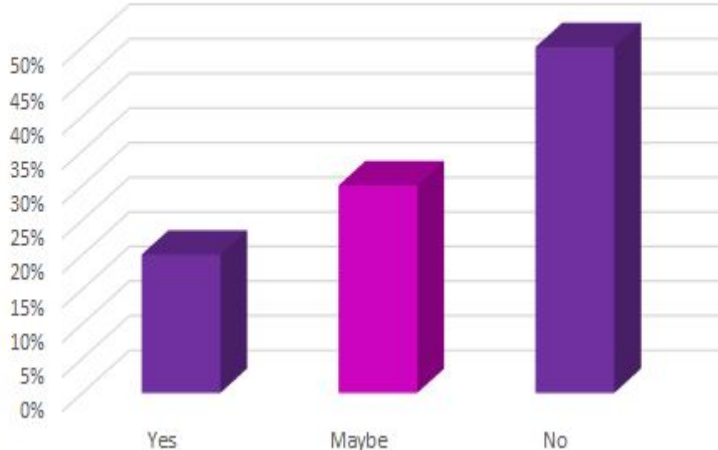
- Created a page to gather interest for the app



User Feedback 1

Friends and Family

Would you use this app?



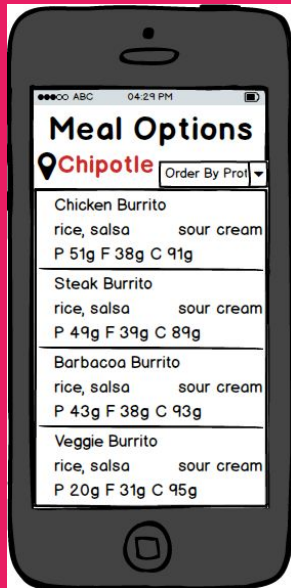
Website

- Readability issues
- Links on website were not working
- Description of app was confusing to some people

App

- Plain colors
- Confusion whether the app will count calories or just link with My Fitness Pal

Version 2



Mockups

- New paper mockups
- Animated them using POP app

Website

- Updated description to reflect new features and highlights
- ☐ Improved readability of text
- ☐ Thoroughly tested site usability (links)

Facebook

- Deleted due to the lack of value added

Website

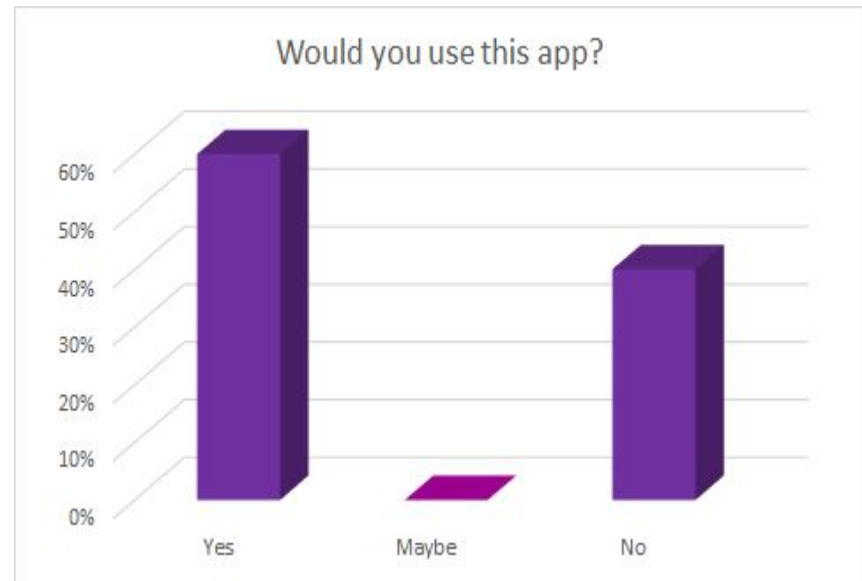
- 4 more users signed up

App

- Some users got the name confused with already existing business
- Add more functionality

User Feedback 2

Friends and Family



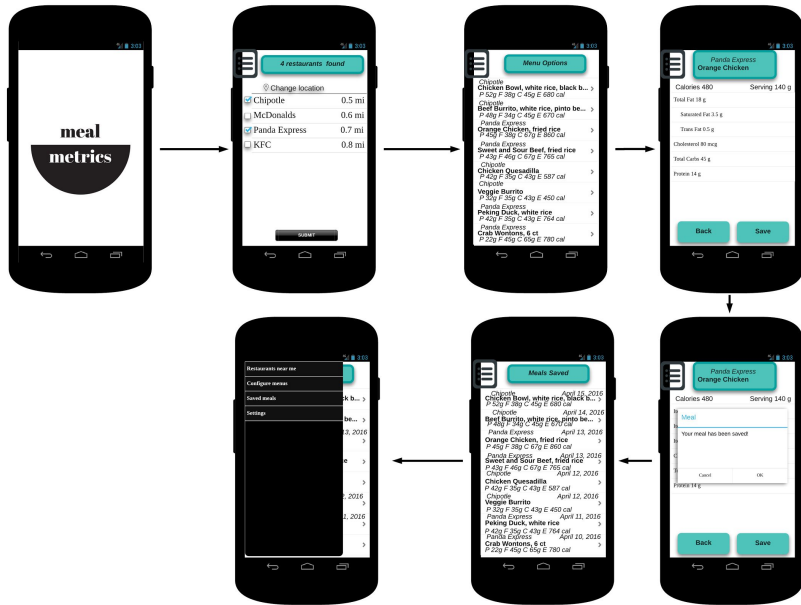
Version 3

App

- New name, new logo
- Created digital mock-ups using LucidChart
- ☐ Mobile prototype on POP for demonstration

Website

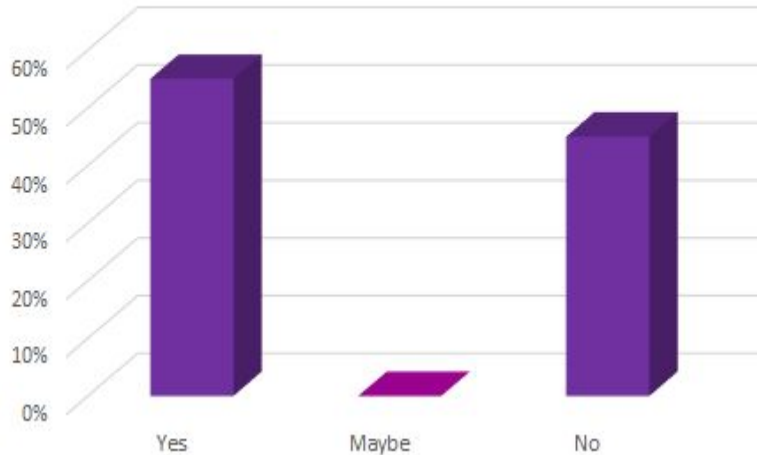
- Updated the prototype



User Feedback 3

ASU - Tempe Students

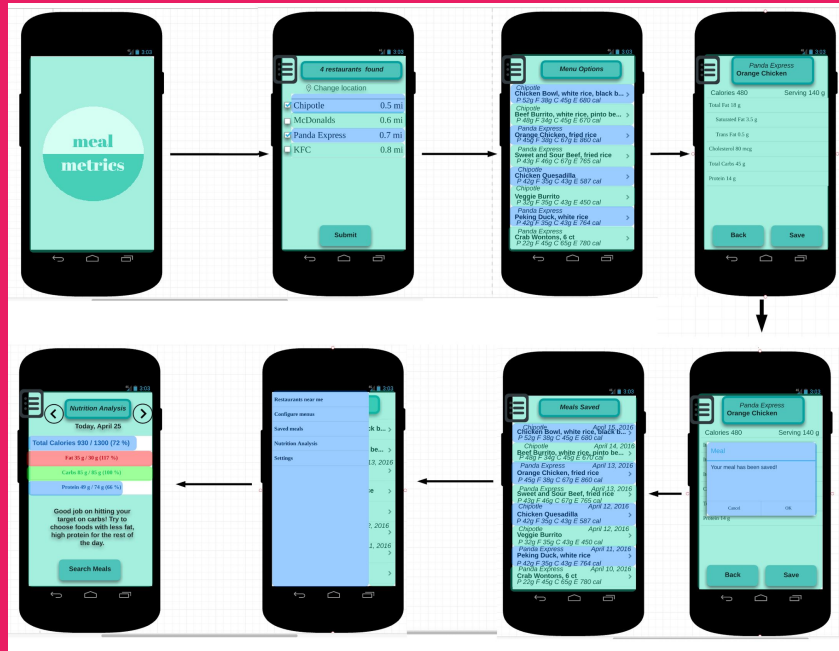
Would you use this app?



App

- Add option to sort meals by sugar, price
- Add option to sort restaurants by what is open
- Add report where nutrition data is analyzed, calories eaten as % of target
- Add option to add friend
- Make logo more colorful

Version 4



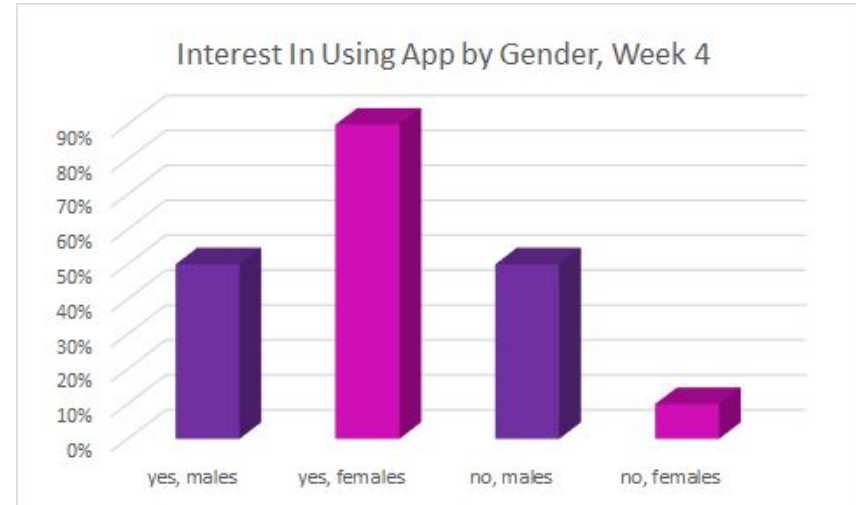
App

- New colorful logo
- Vibrant colors of LucidChart mockups
- Ability to see the nutrition targets and daily results as the percentage of the target values
- Keep track of past nutrition: ability to view nutrition data on per-meal basis

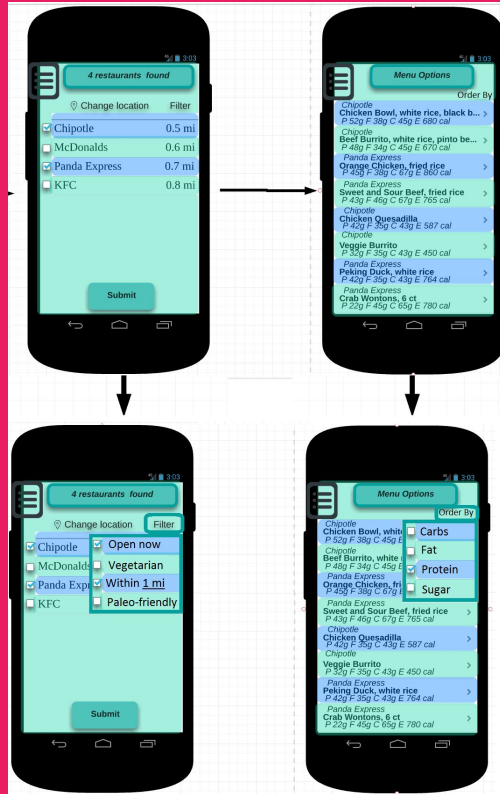
- Add alert feature to remind you to use app when entering a restaurant
- Make compatible with other apps with previously inputted diet goals
- Add Open Now filter for restaurants

User Feedback 4

ASU - Tempe Students



Final Version



App

- Added Filter functionality for refining restaurant search results
- Added Order By functionality for sorting meals by chosen nutrient

- User acceptance increased over weeks of iteration
- Syncing with other apps is important
- Nutrition data analysis is needed for some users

Overall User Feedback



What We Learned

What We Learned

- Customers are used to high-quality apps and have high standards
- Users prefer colorful design of apps
- Some users would like to have more functionality in app, for example, an analysis of nutritional data within the MealMetrics
- Some users prefer to have a sync option with other fitness/nutrition apps
- Users should be able to choose from several color schemes in settings

Plan for Action

- [Share this project on GitHub](#)

Thank You!