

Project Proposal

Project Name: Feed Me

Team Members: Sierra Acy (ssa792), Autumn Friesen (acf869)

Title: Feed Me

Contact email(s): sierra.acy@gmail.com, autumncfriesen@utexas.edu

What sort of app are you building? What will be the major subsystems? What will be the major challenges?

We are building an app that chooses a restaurant for the user to eat at. It will utilize a persistent internal storage to hold a user's list of restaurants, the Yelp API to get data on each of the restaurants, and the UI, which will access the API, process the data, and render the data to the screen.

Sketch the major user interface elements: See end of document.

Week-by-week schedule:

Schedule assuming we work for at least 2 hours each day of the week we are available to meet together. Format is Week : # days we can meet : Plan.

Oct 9-15 : 4 days : UI design, implement app bar, Set up database

Oct 16-22 : 2 days : Finish database setup, Implement add restaurant and restaurant list,

Oct 23-29 : 5 days : Finish add restaurant and restaurant list, implement settings, implement algorithm with no filters

Oct 30-Nov 5 : 5 days : Implement Try Again, Buffer time before deliverable checkpoint, implement Yelp API

Nov 6-12 : 7 days : Finish Yelp API, implement filters

Nov 13-19 : 2 days : Finish implementing filters, implement linking to yelp page for restaurant

Nov 20-26 : 3 days : Buffer time for finishing touches/testing, Begin write-up

Nov 27-Dec 1 : 3 days (not incl Dec 1) : Practice demo and complete write up

List the APIs you will be using

-Yelp API

Functional specification:

Given a list of restaurants, specified by the user, the app will query the list of restaurants and return a random restaurant for the user to eat at.


Similar Apps:

The design is inspired by Yelp in that our app contains similar information about each restaurant as Yelp does, and our app has a similar red and white color scheme. The color scheme also comes from color theory. Bright, warm colors make people hungry, which may be the reason Yelp decided upon the same color scheme.

Similar apps include Matchbook, Urbanspoon, GrubHub, and Yelp itself.

Matchbook allows users to save a list restaurants they want to try along with their locations so that when you are hungry, you can open it up and see with of those restaurants are nearby. Similarly, our app stores a list of restaurants that you like and helps you decide which one to eat at.

Urbanspoon, GrubHub, and Yelp all provide a list of restaurants adhering to any filters the user inputs, with filters for different food types, locations, price, and many others. The difference between those apps and our app is that our app is for the truly indecisive. Instead of providing a list of restaurants adhering to the restrictions that the user must still choose from, our app will only give one restaurant that fits the restrictions. If the user does not like our choice, they can ask for another restaurant with the same filters.

OFFER ME 

FEED ME


Filters: price, type, sit down

Quick Filters:

- ☐ Meal
- ☐ burst

Advanced Filters

drawer →

OFFER ME 

Advanced Filters

Category

☐ ☐ ☐ ☐


Type

- ☐ Delivery
- ☐ Sit Down
- ☐ Fast Food

Price Range

- ☐ < \$10
- ☐ \$10 - 20
- ☐ 20 - 40

SAVE **Cancel**


OFFER ME 

Settings

Edit Restaurant List


DONE

→


OFFER ME 

Edit Restaurants

ADD NEW

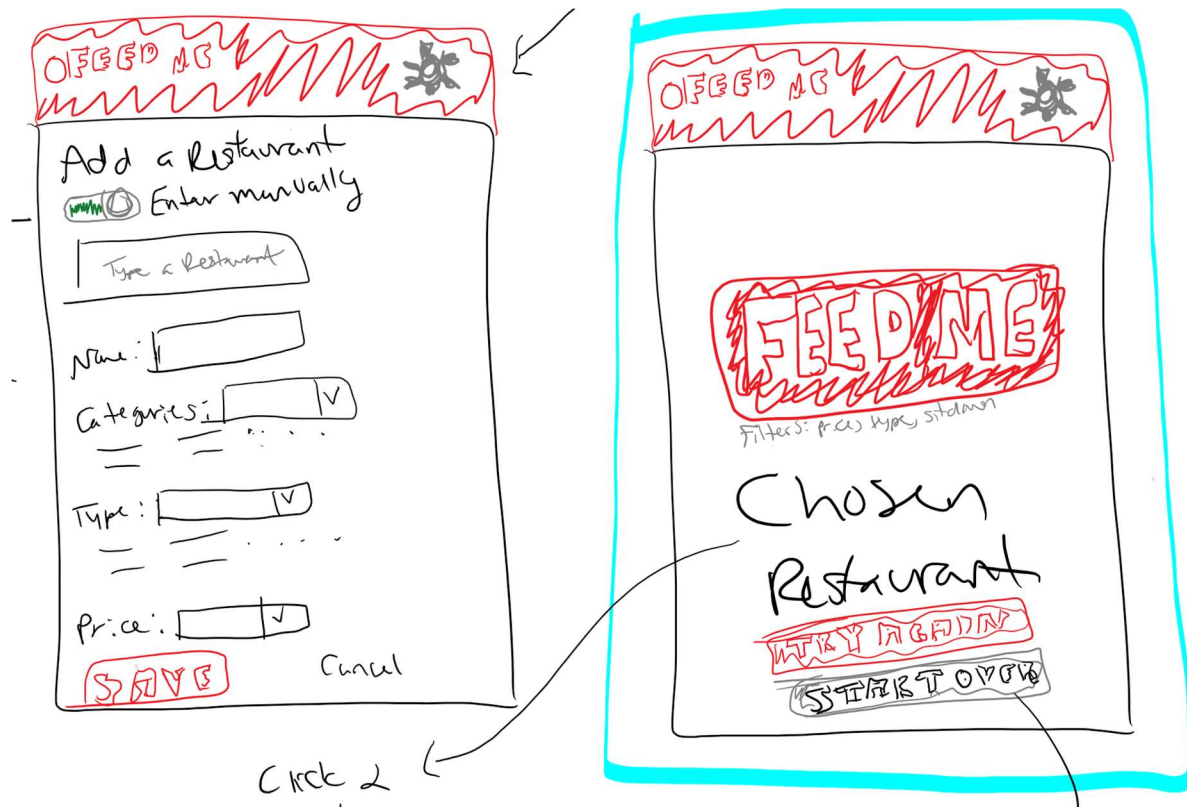
Name 

Name 

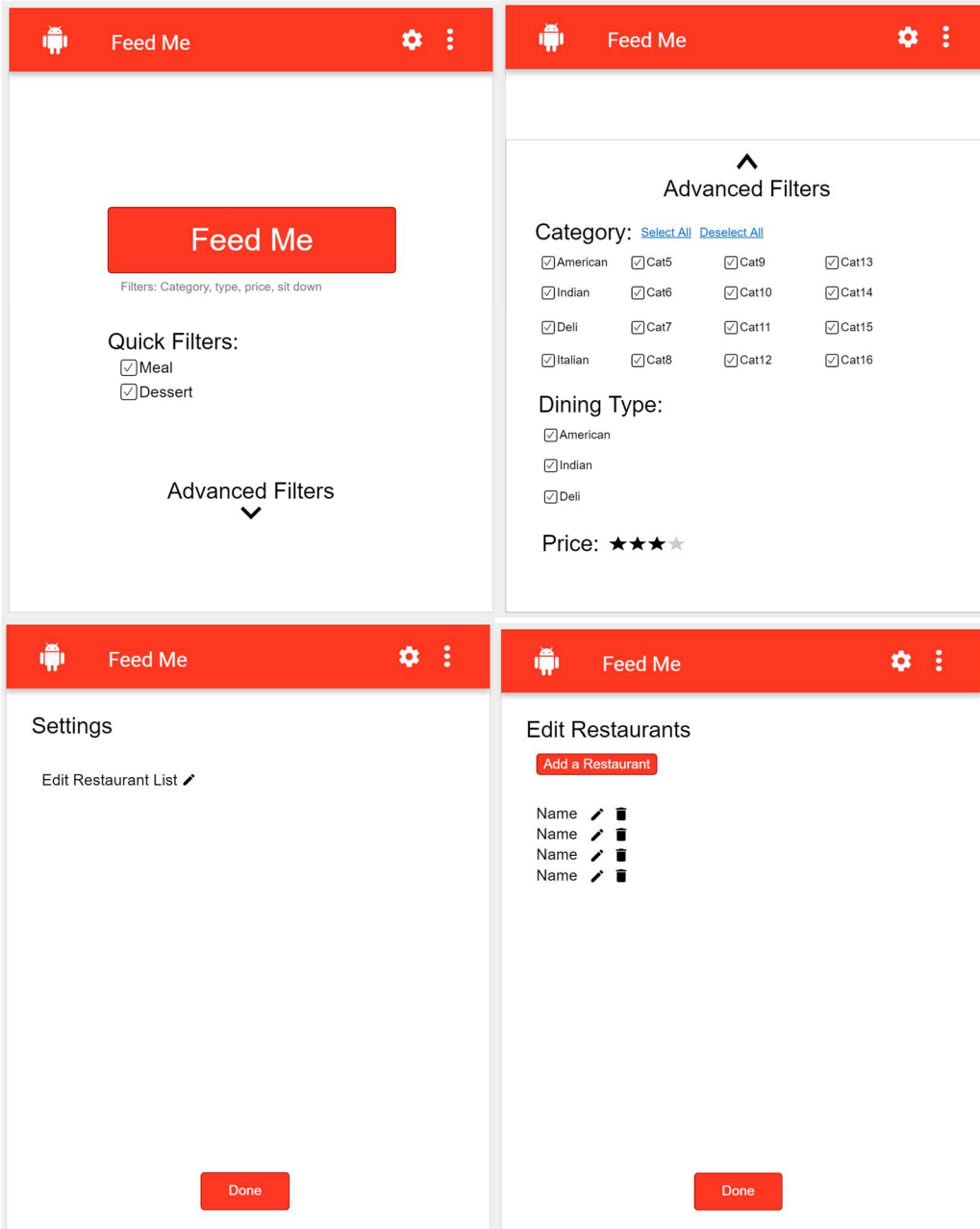
Name 




...

DONE




Computer made wireframes on following page.



 Feed Me

Add a Restaurant

 Enter manually

Name

Categories:

Select Categories

American, Fast Food

Dining Type:

Select Dining Type




Sit down, Delivery

Price:

★★★★

Save

Cancel

 Feed Me

Feed Me

Filters: Category, type, price sit down

Chosen Restaurant

Try Again

Start Over