

KitchenSync

A Pantry and Recipe Companion



Milestone 6

Milestone 6 Objectives

Meal Planner ~ 95%

Recipe Ingredient Suggestions and Substitutions ~ 85%

Community Recipes ~ 95%

Notification System ~ 10%

Shopping Companion ~ 50%

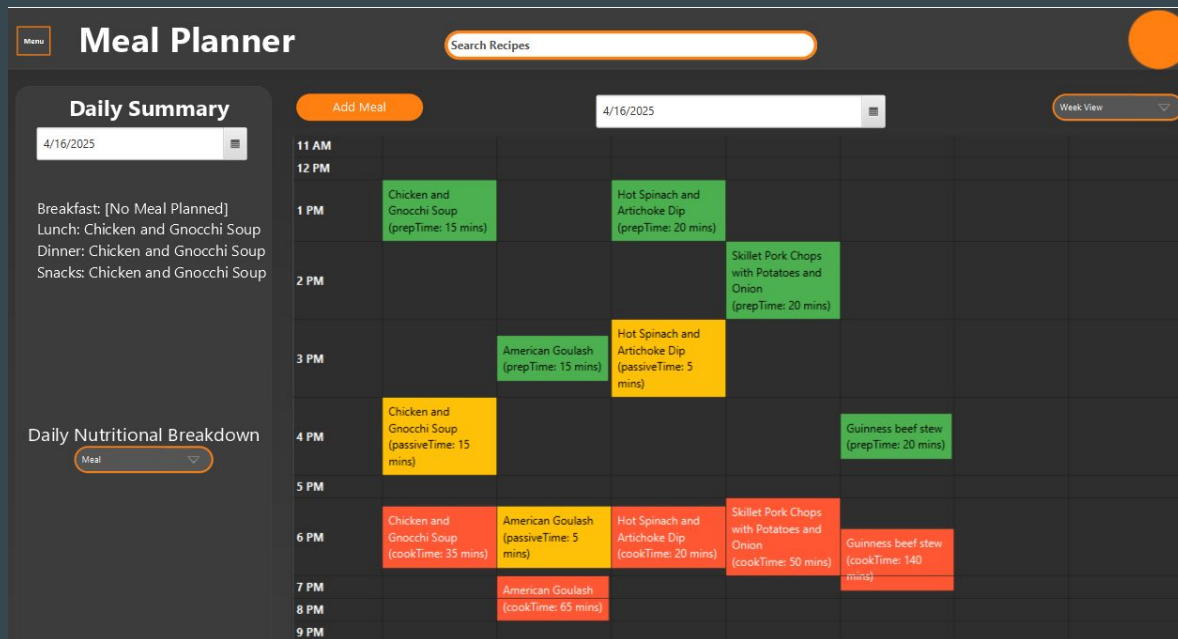
Admin Backend + Admin Portal ~ 25%

Review/Feedback system ~ 100%

Meal Planner

Future Work

- Improve Nutrition Calculator
- Allow for Time Block Stretching i.e. Google Calendar



Recipe Ingredient Suggestions and Substitutions

Future Work

- Improve suggestion logic
- Auto Tagging

Menu

MY RECIPES

Search Recipes

Ingredients

Ingredient	Amount
Chili Powder	2 tsp
Ground Cumin	1 tsp
Dried Oregano	1/2 tsp
Salt	To Taste tsp
boneless, skinless chicken thighs	1 1/2 lb
canola oil	1 tbsp
mini flour tortillas, warmed	12 g
pico de gallo, homemade or store-bou...	1 cup
avocado, halved, peeled, seeded and di...	1 kg
chopped fresh cilantro leaves	1 cup
lime, cut into wedges	1 kg

Easy Chicken Tacos

Local Review: ☆☆☆☆
Community Review: ☆☆☆☆

ReviewsRecipe Notes


Servings: 6
Prep Time: 15 Minutes
Passive Time: 0 Minutes
Cook Time: 15 Minutes
Total: 30 Minutes
Complexity: Very Easy

Special Equipment

Cast Iron Skillet

Tags

ChickenHealthy<30 mins



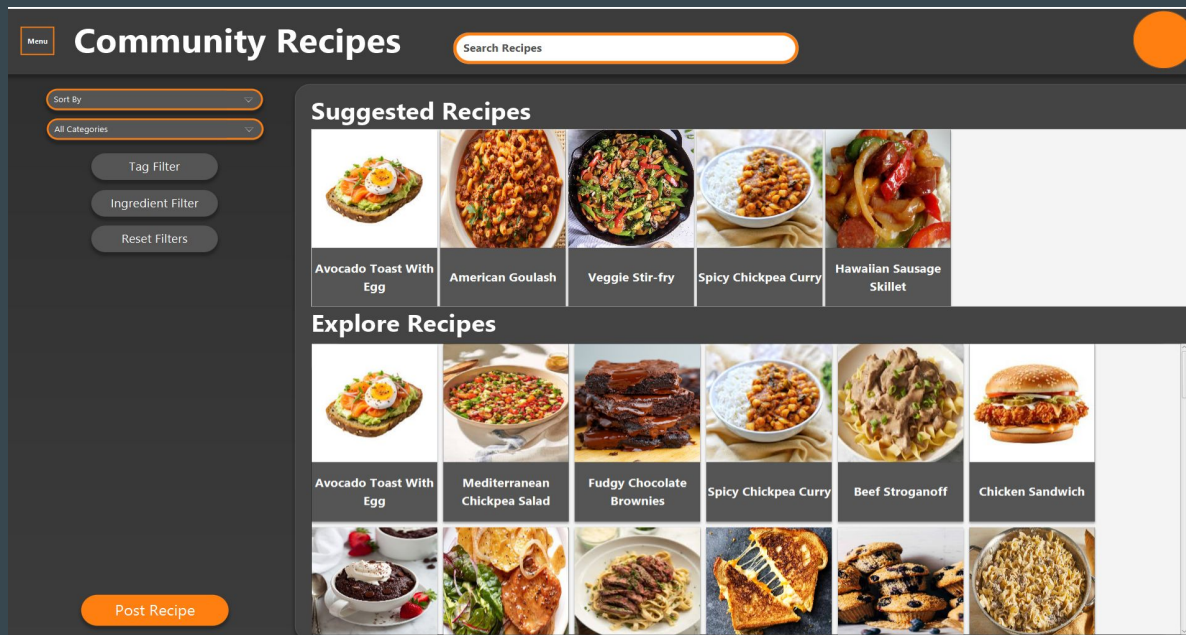
Easy Chicken Tacos with a simple spice rub, the chicken is cooked quickly on the stovetop! Serve with pico de gallo, avocado + lime wedges!

Cook It

Community Recipes

Future Work

- Improve Suggestions
- Add more recipes



Review/Feedback system

Menu

Community Recipes

Search Recipes

Avocado Toast
with Egg

★ 4.3 (3 reviews)

Review Type

Post Comment

Close

★ 5/5 - Great Simple Recipe

It was really good!!

EditDelete

★ 5/5 - Tasted Amazing

5/5!

EditDelete

★ 3/5 - Mid

IDK, but this was very mid 3/5

EditDelete

Notification System

Future work

- Connect the server and the frontend
- Any changes in the user data (such as deletion of user content by admins) will send notifications to the user.



Shopping Companion

Future work

- Work on expanding it to other websites such as Target and other retail stores.
- Display estimated cost to frontend as well.
- Bypass the anti-bot scraping measures by getting APIs directly from store.



Admin Backend + Admin Portal

Future work

- Allow Users to retrieve Access Keys

User name ▲
1
Kitchensync_backend
test

```
=== ADMIN MENU ===
1) List S3 buckets
2) List DynamoDB items
3) List IAM Users
4) Delete a Recipe from DynamoDB
5) Exit
Enter your choice: 1
```

Create an Account

Username*

Email*

Password*

Confirm Password*

[Sign Up](#)

[Back to Login](#)

Progress Matrix of Milestone 6

Task	% Done	Tyler Son	Chris Nederhoed	David Tran	Future Work
Meal Planner	95%		100%		Improve Nutrition Calculator, Daily Meal Summary
Recipe Ingredient Suggestions and Substitutions	85%		100%		add-on suggestions, user Prefs
Notification System	10%			100%	Create a notification system so that users will be pinged if their content is removed., someone rates their recipe, items expire soon, or if a item is low in their inventory

Progress Matrix of Milestone 6

Admin Backend + Admin Portal	25%			100%	check if it violates TOS, Admin Portal, names, feedback, recipes. Admin filters, Admin sorting, Admin ticketing system, Admin controls, Activity Logs, Reporting System
Shopping Companion	100%			100%	List Sharing, Price data from retailers, Price data from club stores, Price per unit comparison, bypass anti-bot scraping measures
New User Guide // Tutorial Onboarding	50%		100%		Apply To all Screens
Conduct Evaluation of the System	100%	100%			Fix the bugs found

Progress Matrix of Milestone 6

Senior Design Showcase Poster	100%	50%	50%		
Review/Feedback system	50%	50%	50%		Allow users to report a recipe Connect the Backend to the frontend
Test/demo of the entire system	100%	100%			
Create user/developer manual	100%		100%		
Create demo video	100%			100%	Record and edit a demo video showing the user how to use the application.

DEMO TIME



Lessons Learned

Questions?