

# KitchenSync

## A Pantry and Recipe Companion



Milestone 5

# Milestone 5 Objectives

Meal Planner ~ 80%

Community Recipes ~ 80%

Recipe Ingredient Suggestions and Substitutions ~ 25%

Notification System ~ 10%

Shopping Companion ~ 60%

Admin Backend + Admin Portal ~ 25%

Review/Feedback system ~ 30%

# Meal Planner

## To-Do

- Meal Plan Sharing
- Recipe ingredients removed from inventory if made,
- Nutrition Calculator,
- Daily Meal Summary

The screenshot shows a web application titled "Meal Planner". At the top, there is a search bar labeled "Search Recipes" and a "Menu" button. Below the search bar are several filter buttons: "Ready To Cook", "Category", "Sort By", "Ingredients", "Tags", "Reset Filters", and "Close".

The main content area is split into two columns. The left column features a detailed view for "Easy Chicken Tacos". It includes "Meal Planner Details" with a "Dinner" category, "Prep Time: 15 min", "Passive Time: 0 min", and "Cook Time: 15 min". The "Total Time" is 30 minutes, and the date is set to 3/26/2025. There is an "Add Meal" button and a "Complexity: 3" indicator. The "Description" section states: "Easy Chicken Tacos with a simple spice rub, the chicken is cooked quickly on the stovetop! Serve with pico de gallo, avocado + lime wedges!". At the bottom, it says "Servings: 6".

The right column displays a grid of recipe cards with images and titles: "Easy Chicken Tacos", "Guinness Beef Stew", "Chicken And Gnocchi Soup", "Easy Homemade Mini Corn Dogs", "Hot Spinach And Artichoke Dip", and "Skillet Pork Chops With Potatoes And Onion". A "Test" button is visible below the grid.

# Community Recipes

## To-Do

- Allow Users to Remove their Recipes,
- Allow Users to edit/update their Recipes

The screenshot displays a web application interface for 'Community Recipes'. At the top, there is a navigation bar with a 'Menu' button, the title 'Community Recipes', and a search bar labeled 'Search Recipes'. Below the navigation bar, the interface is divided into two main sections: 'Suggested Recipes' and 'Explore Recipes'. The 'Suggested Recipes' section features a grid of five recipe cards, each with a food image and a title: 'Skillet Chicken Pasta', 'Hawaiian Sausage Skillet', 'Ground Beef Stroganoff Noodles', 'American Goulash', and 'Easy Chicken Tacos'. The 'Explore Recipes' section features a grid of six recipe cards with titles: 'Skillet Pork Chops With Potatoes And Onion', 'Easy Chicken Tacos', 'American Goulash', 'Ground Beef Stroganoff Noodles', 'Skillet Chicken Pasta', and 'Hawaiian Sausage Skillet'. On the left side of the interface, there are two dropdown menus labeled 'Sort By' and 'Category', and three buttons: 'Tag Filter', 'Ingredient Filter', and 'Reset Filters'. At the bottom left, there is a 'Post Recipe' button.

# Recipe Ingredient Suggestions and Substitutions

## To-Do

- Flavor & Texture Matrix,
- Ingredient data,
- substitution logic,
- add-on suggestions,
- user settings



# Notification System

## To-Do

- 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

## To-Do

- Work on expanding it to other websites such as Target and other retail stores.
- Display estimated cost to frontend as well.



# Admin Backend + Admin Portal

## To-Do

- Allow Users to Retrieve Access Keys

| User name                           |
|-------------------------------------|
| <a href="#">1</a>                   |
| <a href="#">Kitchensync_backend</a> |
| <a href="#">test</a>                |

### Create an Account

Username\*

Email\*

Password\*

Confirm Password\*

[Sign Up](#)

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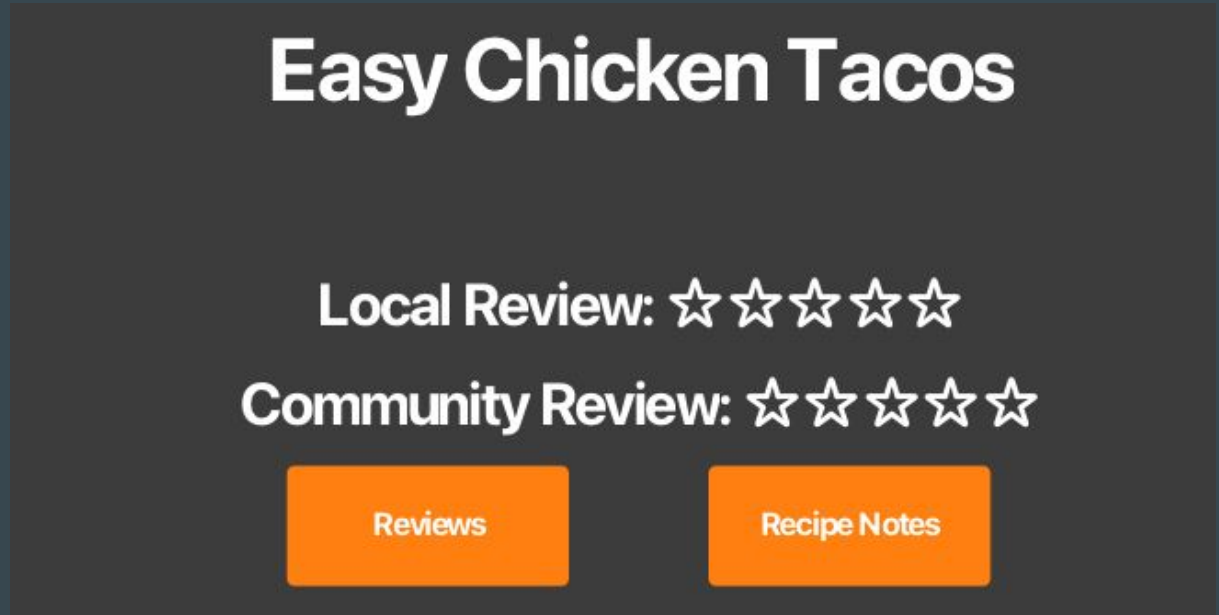
[Back to Login](#)



# Review/Feedback system

## To-Do

- Feedback system needs to have frontend and backend components connected



# Progress Matrix of Milestone 5

| Task  | % Done | Tyler Son | Chris Nederhoed | David Tran | To do   |
|---|--------|-----------|-----------------|------------|---|
| Meal Planner                                    | 80%    |           | 100%            |            | Meal Plan Sharing Recipe ingredients removed from inventory if made, Nutrition Calculator, Daily Meal Summary |
| Recipe Ingredient Suggestions and Substitutions | 25%    |           | 100%            |            | Flavor & Texture Matrix, Ingredient data, substitution logic, add-on suggestions, user settings               |
| Notification System                             | 10%    |           |                 | 100%       | Create a notification system so that users will be pinged if their content is removed.                        |

# Progress Matrix of Milestone 5

|                                     |            |            |             |             |  |
|-------------------------------------|------------|------------|-------------|-------------|--|
| <b>Admin Backend + Admin Portal</b> | <b>25%</b> | <b>50%</b> |             | <b>50%</b>  | <b>Allow admins to access user created data, check if it violates TOS, Admin Portal, names, feedback, recipes. Admin filters, Admin sorting, Admin ticketing system, Admin controls, Activity Logs, Reporting System</b>   |
| <b>Shopping Companion</b>           | <b>60%</b> |            |             | <b>100%</b> | <b>List Sharing, Item pricing, Price data from retailers, Price data from club stores, Price per unit comparison, Meal cost Estimate, Have the tool be able to grab more urls from other retailers to pull up prices, integrate it with the existing applications,</b> |
| <b>Community Recipes</b>            | <b>80%</b> |            | <b>100%</b> |             | <b>Recipe Reviews/Feedback, Populate the Starting Recipe DB, Allow Users to Remove their Recipes, Allow Users to edit/update their Recipes</b>   |

# Progress Matrix of Milestone 5

|                               |            |             |             |  |  |
|-------------------------------|------------|-------------|-------------|--|--|
| <b>Review/Feedback system</b> | <b>30%</b> | <b>100%</b> |             |  | <b>Allow users to provide a review. Allow users to report a recipe. Allow a user to provide a feedback score</b>                               |
| <b>Community Recipes</b>      | <b>80%</b> |             | <b>100%</b> |  | <b>Recipe Reviews/Feedback, Populate the Starting Recipe DB, Allow Users to Remove their Recipes, Allow Users to edit/update their Recipes</b> |



DEMO TIME



# Milestone 6

| Task  | Tyler Son   | David Tran | Chris Nederhoed   |
|---|---|------------|---|
| <b>Test/demo of the entire system</b>         | <b>Test all components of the system to ensure that they are functioning as intended. Demo the system to ensure that the components are user friendly and work as intended.</b> |            |   |
| <b>Conduct evaluation and analyze results</b> | <b>Ensure all components are functional given the new changes added throughout this milestone</b>   |            |   |
| <b>Create user/developer manual</b>           |   |            | <b>Create a Style Guide, Provide Setup/Installation Instructions, Develop Usage Guides and Tutorials, Prepare Reference Documentation, Plan Maintenance and Updates</b> |

| <b>Task</b>  | <b>Tyler Son</b> | <b>David Tran</b>  | <b>Chris Nederhoed</b>   |
|--|------------------|--|--|
| <b>Create demo video</b>                               |                  | <b>Record and edit a demo video showing the user how to use the application.</b> |  |
| <b>Clean Up and General Organizing</b>                 |                  |  | <b>Comment everything not already commented, Organise the methods that were recently added</b>             |
| <b>Recipe Ingredient Suggestions and Substitutions</b> |                  |  | <b>Flavor &amp; Texture Matrix, Ingredient data, substitution logic, add-on suggestions, user settings</b> |
| <b>New User Guide // Tutorial Onboarding</b>           |                  |  | <b>System walkthrough, Progress Indicators, FAQ, Examples</b>  |