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HomeCookHub



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Abstract:

HomeCookHub aspires to unify the fragmented world of online culinary resources into a comprehensive platform. Many apps and websites cater to a specific niche within the cooking community and lack features such as meal planning and grocery list generation

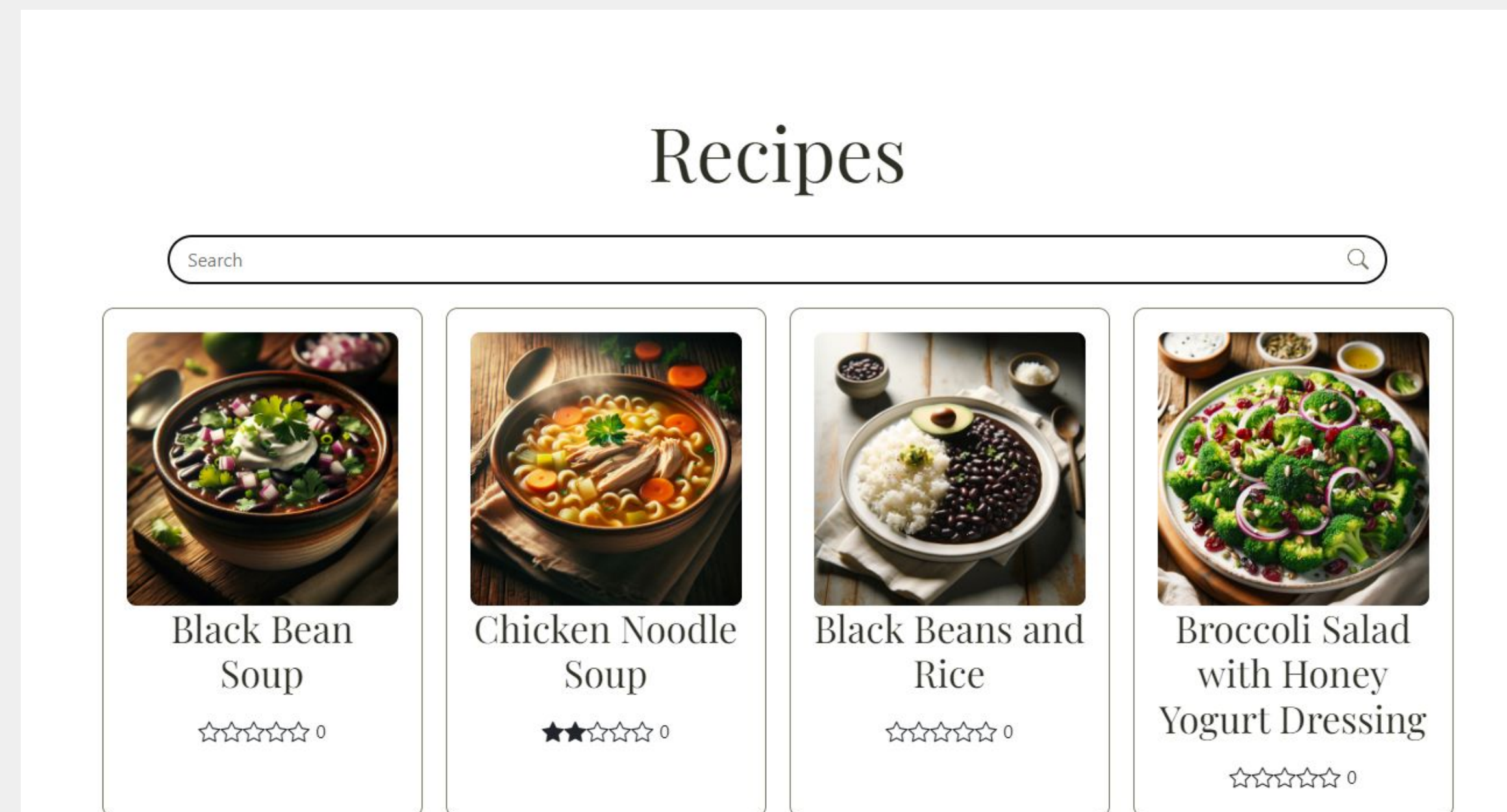
Our Solution:

HomeCookHub is a web app to confront and simplify the multifaceted challenges encountered by home cooks, such as searching and planning varied and nutritious meals, maintaining organized grocery lists, and customizing and organizing recipes.

Priorities:

Our priorities are to ease the worry of planning your meals and to know exactly what to get the next time you go to a grocery store.

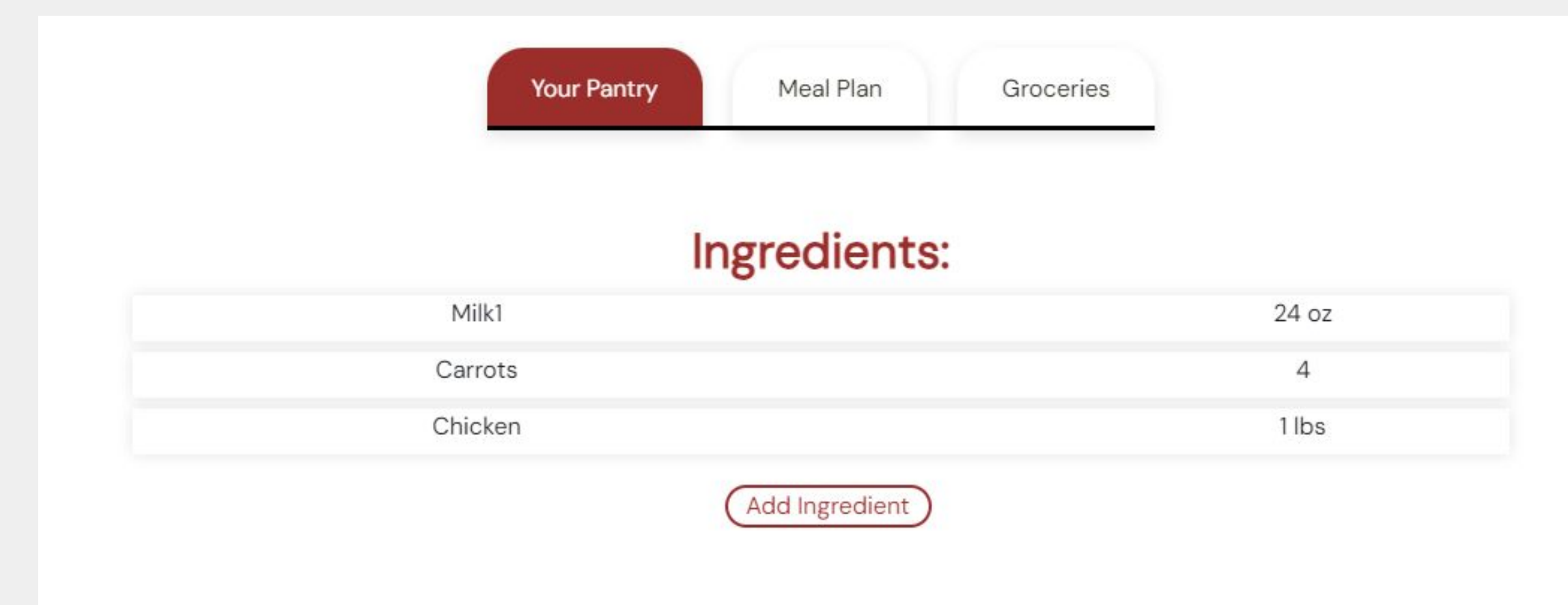
Recipe Searching



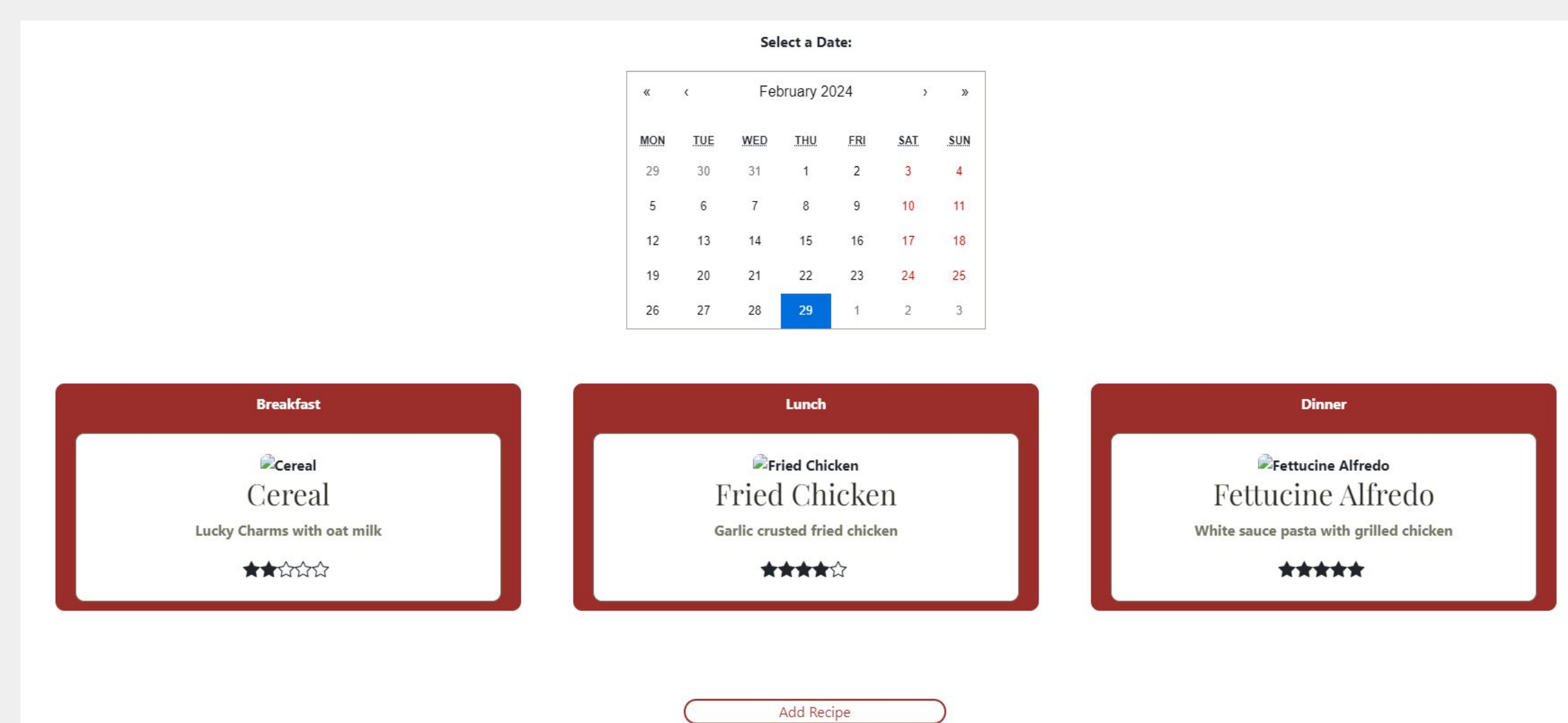
We want our users to be able to seamlessly search our recipe database and find the perfect meal for any given time or event. Each individual recipe also has its own personalized page to make recipes more readable.

Ingredient Tracking

We want our users to have a one stop location to keep track of all of their currently owned ingredients and auto build grocery lists to further expedite the cooking process



Meal Planning



The meal planning page allows our users to freely add any existing recipe to any meal for any given day. This will interface with the ingredient tracking to auto build grocery lists

Technologies Used:

- Firebase
- React
- Figma
- Express JS and Typescript

Achievements

- Functional Recipe Search
- Easy Meal Planning
- Ingredient tracking and grocery list generation
- A simple and appealing interface
- The ability for users to save recipes for later

Challenges:

- Technology—Everyone needed to learn new skills and adapt to technologies we hadn't used before.
- Teamwork—We needed to work out the most effective way to balance work between us and get everything done.
- API—We needed to implement an API scratch in order to communicate with the database and link everything together

Future Steps:

- Recipe rankings and reviews
- More recipe filtering functions (ex: allergens, current ingredients, etc)