GenerAte

AI RECIPE GENERATION

Grayson Richard - Tyler Kivelson - Johnny Wilcox - Suhana Zeutzius - Alex McDonald - Aniket Chauhan

PROJECT GENERATE MISSION

INSPIRING HOME COOKS AROUND THE GLOBE

+

LIMITING HOUSEHOLD FOOD WASTE

SITE OVERVIEW

Home Page

Get a quick overview of the site and see the recipe posts once you are logged in

Kitchen

Create recipes based on either the items you have in your pantry or any items at all. You can also edit those recipes, favorite them, and post them from this page.

Pantry

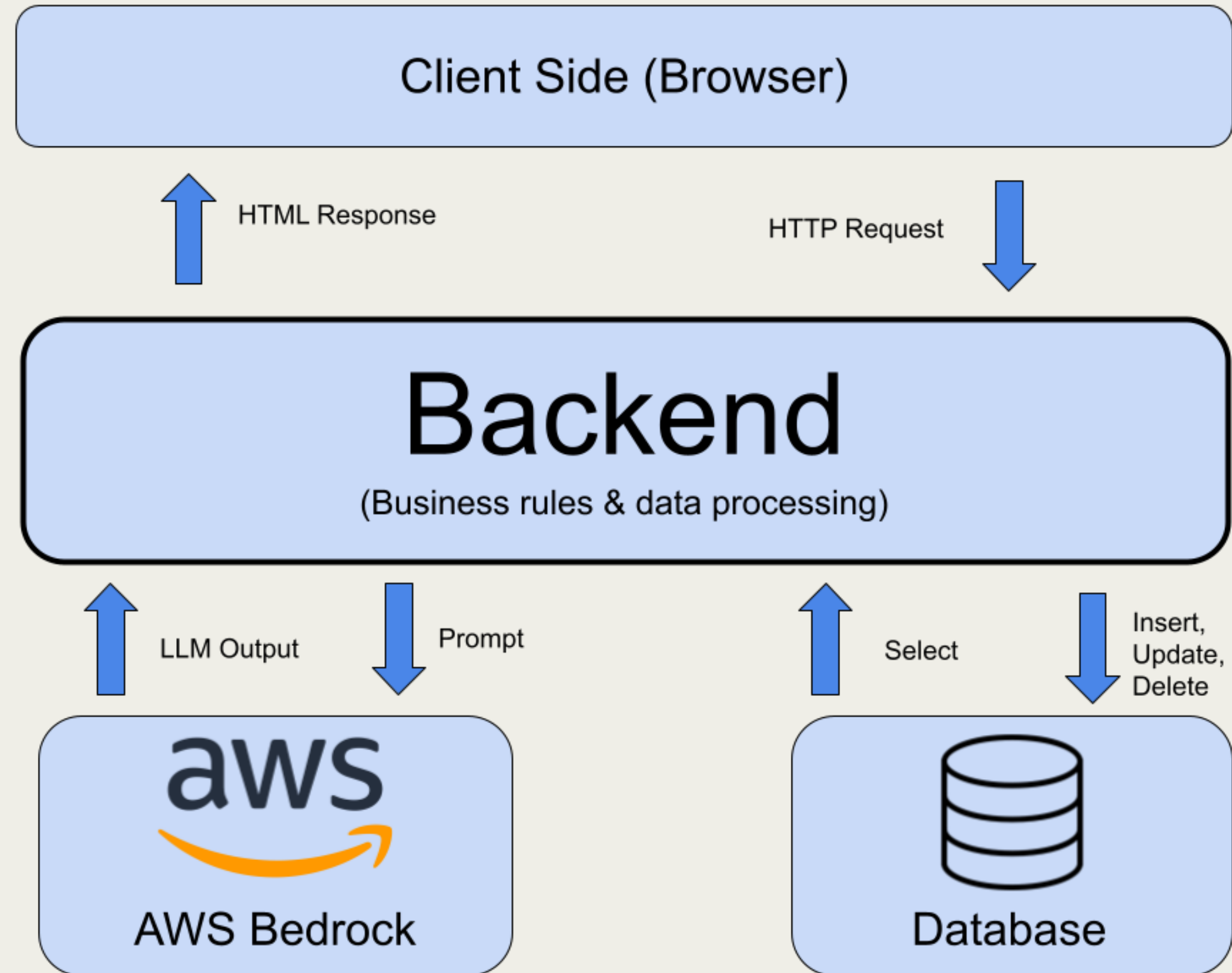Pick from a large selection of items to have in your pantry.

Favorites

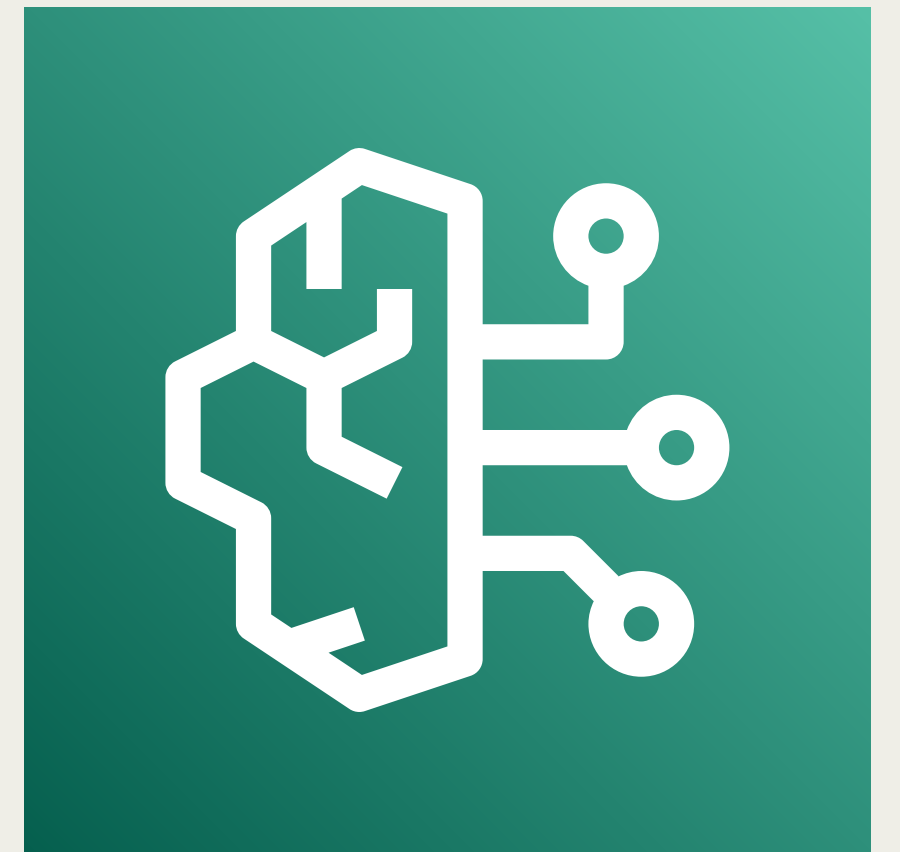Shows what recipes you have favorited.

Settings

You can change what username shows up in your posts and change your dietary restrictions/preferences

ARCHITECTURE

AWS BEDROCK

4 stars

TOOLS AND METHODOLOGIES

Tools

- Version Control: GitHub - 4 stars

- Database: PostgreSQL, Docker - 5 stars

- IDE: VSCode - 5 stars

- UI Tools: HTML, EJS, JavaScript, CSS, Bootstrap - 4 stars

- Application Server: NodeJS - 4 stars

- External API: AWS Bedrock - 4 stars

Methodologies

- Agile - 5 stars

CHALLENGES

- UI
- Getting the pages to communicate with each other effectively
- Getting the API callings to work with some of the pages
- Communicating with the servers
- Understanding all of the JS structures for the page types
- AWS Bedrock

FUTURE ENHANCEMENTS

- Get the social media page to be a bit more descriptive

- Add a history page to give the user more information about what their past preferences are

- Add a little bit more of a user preference with the website

- Add a delete a user feature in the website so that way a user can get rid of their credentials

- Add API component to take a picture of a pantry which can create a recipe

DEMO!