

Recipe recommendation Agent

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Overview: An agent that suggests recipes based on available ingredients and past preferences, then generates shopping lists.

Input:

1. Available ingredients
2. User preferences input
3. Past recipe interactions
4. Chat query input

Output:

1. Recipe recommendation
2. Shopping list
3. Ai Chat response
4. Meal plan

Technical Stack:

Frontend: HTML + Tailwind CSS (CDN) + Vanilla JS

Backend: Flask (Python) - easiest web framework

AI: Claude API (just one API for everything!)

Database: JSON files or SQLite (no complex setup)

Source Code:

<https://github.com/Madankk-06/Reciepe-recommendation-agent> : Public repo link [Github]