Cooking recipe website

Generalize to everyone

https://basecamp.com/shapeup/1.5-chapter-06

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Potential domain to specialize in:

Students: very niche population (low skill, low resource, low time) - Curation of dataset

Users with disabilities: market with little to no products - text to speech, disability software

Learning to cook: ranking, etc - pipelines and guides

* Note that we can pick these later after we have a more thorough idea of framework

1) Cooking recipe website

2) 6-7 weeks

3) CRUD app for hosting recipes

4)

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Following note taking styles rather than cooking websites

Notion - personal note app (as an example)

Categorize recipes based on difficulty/time/ingredient# then could search by that instead of manually searching for a recipe by name

Cooking mama clone

^ love that

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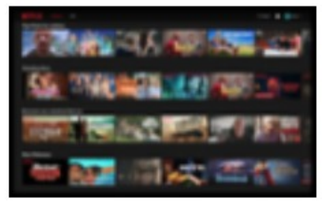
Notion - personal note app

https://tasty.co/recipe/boba-milk-tea

Very compact, information dense

https://smittenkitchen.com/

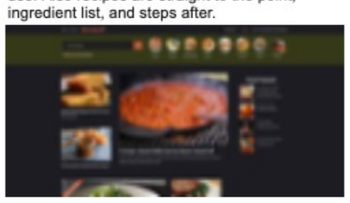
More blog-style than other recipe websites
Surprise me! feature supplies a random recipe
Good search function, including by ingredients, and number of ingredients, seems to be more sophisticated than keyword searching

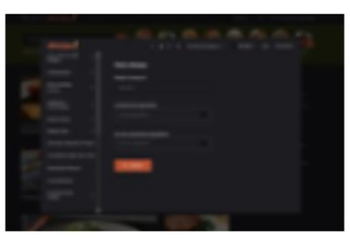


Efficient and fast recommender systems

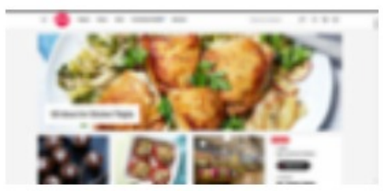
allrecipes.com

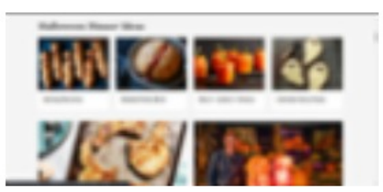
Have search bars based on keyboards and ingredients, while also categorizing each recipe under a certain section that's easy to use. Also recipes are straight to the point, ingredient list, and steps after.

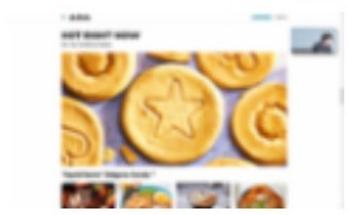




https://www.foodnetwork.com/



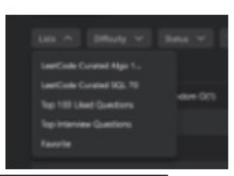


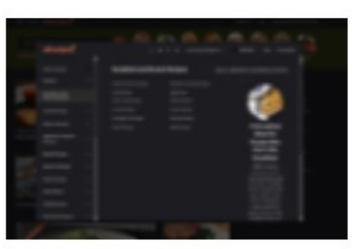


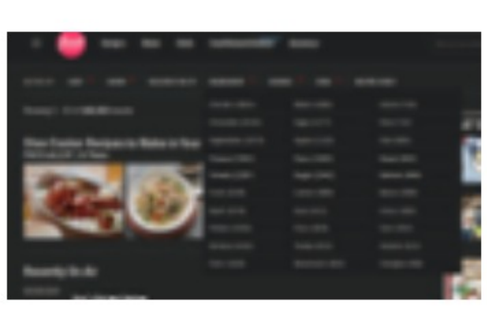
https://www.delish.com/

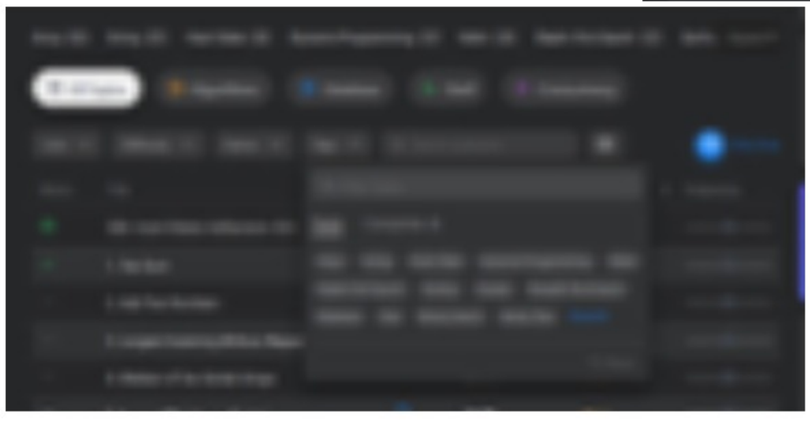
Provide trending recipes

Thinking of an elegant search solution (quick seach + adv search)









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People learning to expand their cooking knowledge/technique:
-More advanced recipes
-Have access to different kitchen appliances
-Able to spend more time on meals

College student: Low funds, low time, low cooking skills, needs cheap and fast meals

Bulk cooker: preps food for the week and freezes it for consumption over the week

Elderly man: has issues with vision, cannot easily access websites, has previous cooking skills

Young teens learning to cook:
- Simpler, smaller recipes
- Less advanced appliances
- Kid-friendly (?) meals

Experienced chef: Challenging, can skip basic tutorials, emphasis on variety of food /cuisine /ingredients

Vegetarians:
- get the best nutrition
- more choices

Person in late 20's who's trying to eat healthier:
- needs to be easy to follow
- not too healthy (lol)

Mama Jo: Feeds for a big family and is tired of preparing recipes
- priority: nutritiousness
- variety
- budget friendly

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Sort by tags

Dataset of recipes

search function

Suggested/ recommended recipe

filters for recipes

Container for recipe

- Plans direction of project
- Delegates tasks
- Organizes meeting

- prioritizes User Centered Design
- ensures that user experience is optimized
- create design philosophy
- create wireframes and mockups

Project manager

Design

Frontend

Backend

Algorithms

QA

UI/UX

Web dev

Database and Infrastructure

Documentation and Implementation

- Implements designs
- Coordinate with backend
- Coordinate with designers
- Influence the tech stack used

- Coordinate with frontend
- Implement algorithms
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- Researching algorithms for problems
- Thinking about resource usage/optimization
- Working and explaining to backend and QA

- Enforcing code style
- Writing documentation
- Unit testing
- Thinking about resource usage/optimization

- Arnav - PM & Frontend
- Chris - PM & Algo
- Jimmy - QA & Backend
- Luke - Algo & Backend
- Mihir - QA/Doc & Algo
- Sarayu - Design & Frontend
- Vincent/Dongyang - QA & Backend
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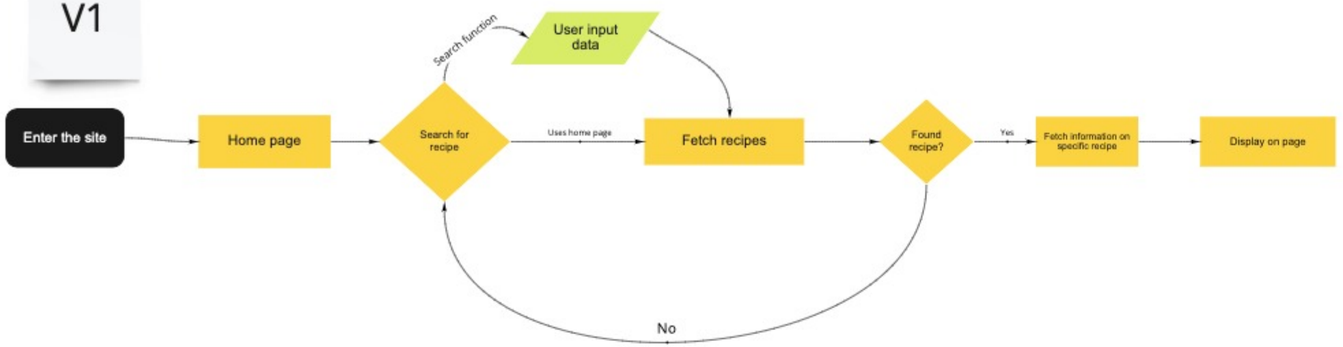
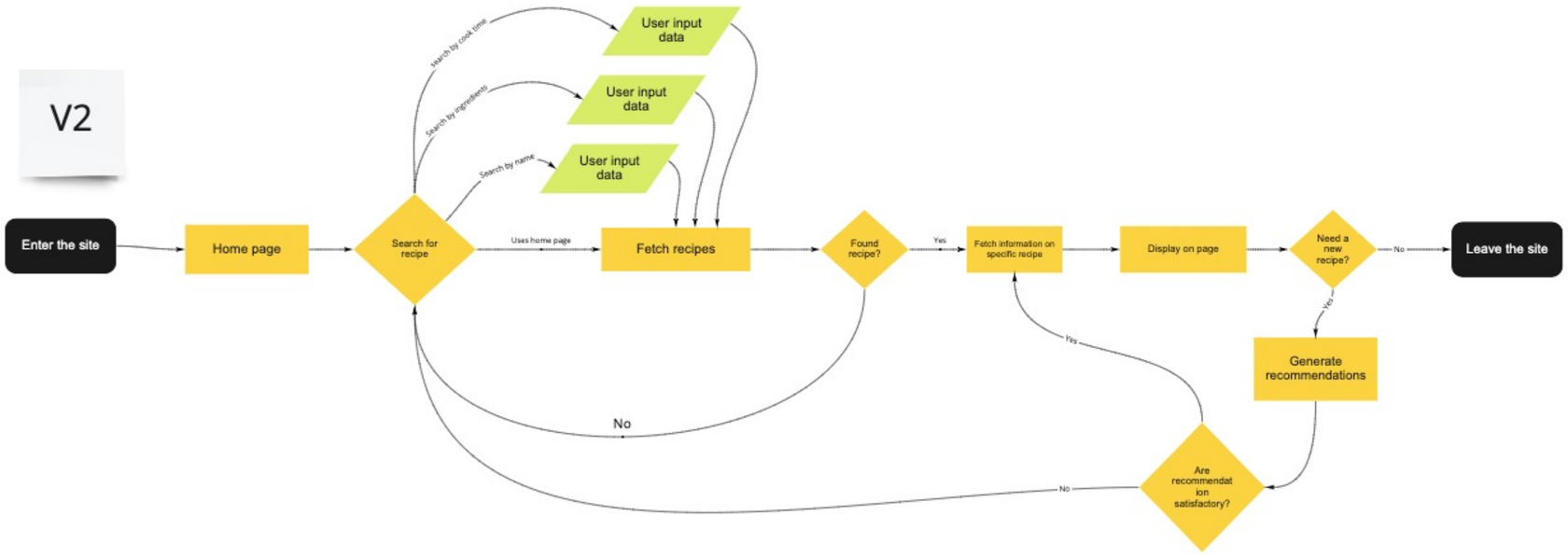
V1


Enter the site
Home page
Search for recipe
Search function
User input data
Uses home page
Fetch recipes
Found recipe?
Yes
Fetch information on specific recipe
Display on page
No

V2


Enter the site
Home page
Search for recipe
Search by cook time
Search by ingredients
Search by name
User input data
User input data
User input data
Uses home page
Fetch recipes
Found recipe?
Yes
Fetch information on specific recipe
Display on page
Need a new recipe?
No
Leave the site
Yes
Generate recommendations
Yes
No
Are recommendation satisfactory?
No

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teach people how to cook

learn how spices work

how to have a balanced/ nutritious diet

cheap meals

meal prep

learn how to be self sufficient cooking wise

Find recipes that are easy to make with disabilities

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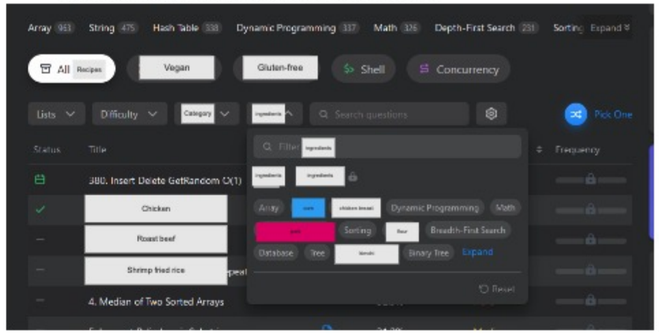
Tabs

Quick Search

Advanced search

cooking style

When you click an ingredient, it is selected and added to the top, but if you click it again, it's blacklisted



We've selected corn and blacklisted pork in this example

Title

Description

Image

Ingredients and Cook time

Horrible advertisements

Recipe

Recommendations

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