



COOKBAIT

AN APP FOR MILLENNIALS...



AGENDA

1. App Idea
2. Wireframes
3. User flow
4. Database Description
5. Timeline
6. Problems Encountered

BRAINSTORMING THE APP IDEA



INSPIRATION

In the hustle and bustle of the life of a millennial, there is often little time to maintain a fully stocked fridge.

Which one of us hasn't been in a situation where a hasty cup of coffee served as the substitute for a nutritious and hearty breakfast just because we didn't have the right ingredients. Or more so, we didn't know what we could make with the available ingredients. Ever so often, we are in situations where we even have the ingredients but are unable to produce the right dish to cook.

Enter COOKBAIT – A Recipe Suggestion App, that asks the user for the ingredients readily available to them and suggests some easy to make recipes.



APP OVERVIEW



UNIQUE

The only product specifically dedicated to Indian recipes



VAST DATABASE

Search through a database of over 6000 recipes to find the most suitable recipe



MOBILE APP

Similar ideas exist but not in the form of an app



DELICIOUS RECIPES

Following a recipe recommended by us means you are eating healthy and delicious



APP BENEFITS

- Simple and efficient to use
- No user sign-up required
- Commenting feature on each recipe

WIREFRAMES



Cookbait

Search Ingredients...

Vegetables

Fruits

Olis

List of entered items

Submit

Cookbait

>90% match

>80% match

Recipe Name

Photo

Ingredients

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mauris eget purus feugiat, consectetur nibh eu, pharetra risus. Nam dapibus dui quis magna consequat at maximus tellus vestibulum.

Procedure

1. Quisque imperdiet ligula eget tellus dictum, vestibulum vulputate odio gravida.

2. Cras finibus odio gravida augue accumsan aliquet.

3. Sed dictum lectus id blandit luctus.

4. Ut sed quam non magna porttitor gravida.

5. Cras ut velit sit amet nunc sagittis molestie id nec justo. Vestibulum sagittis elit nec mauris tristique, et porta neque ornare.

Share your dish

COOKBAIT

8

USER FLOW



Welcome!

Save your time and efforts with
Cookbait...



Select the ingredients
available to you...



Search through a
database of over 6000
recipes to find the most
suitable recipe



Follow the step by step
recipe and enjoy!

Get Started!

< CookBait

Select ingredients



salt

tomato

rice

Find Recipes!!

Choose Your Ingredients



rice



salt



tomato



aachi fish masala



aam papad sun dried mango



aamras mango puree

CANCEL

OK

< CookBait

<=70



Sprig Tomato Rice
(Recipe)



Irena Rice Recipe -
Cumin And Chee
Flavored Rice



Spiced Onion Casserole
Recipe - Onion Casserole
Recipe

>=90



Insalata Caprese Salad
Recipe



Tomato Garlic Chutney
Recipe



Pasta in Tomato Onion
Chutney Recipe



Spinach Egg Muffins
Recipe



Aromatic Vegetable
Pulao Recipe



Moong Dal Khichdi
Recipe For Babies And
Toddlers Over 10
Months



CookBait suggests....

Spicy Tomato Rice (Recipe)

Cuisine

South Indian Recipes

Total Time

15 Minutes

Ingredients

1. tomato
2. salt
3. chickpea lentils
4. green chilli
5. rice
6. mustard
7. bc belle bhat powder
8. dry red chilli
9. cashew peanuts
10. oilsafoetida
11. cumin seeds
12. white urad dal

CookBait suggests....


Procedure

To make tomato puliogere, first cut the tomatoes.
Now put in a mixer grinder and puree it.
Now heat oil in a pan.
After the oil is hot, add chana dal, urad dal, cashew and let it cook for 10 to 20 seconds.
After 10 to 20 seconds, add cumin seeds, mustard seeds, green chillies, dry red chillies and curry leaves.
After 30 seconds, add tomato puree to it and mix.
Add BC Belle Bhat powder, salt and mix it.
Allow to cook for 7 to 8 minutes and then turn off the gas.
Take it out in a bowl, add cooked rice and mix it.
Serve hot.
Serve tomato puliogre with tomato cucumber raita and papad for dinner.

Comments

Be the first one to Comment

~

 Enter new Comment!!


Enter your name

Enter your Email

Your Comment goes here

Add comment



 CookBait suggests....

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Comments

loved it!!
~Neha

Add Comment

DATABASE



RECIPES

We created a database of over 6000 recipes and 2000 ingredients from the website Archana's Kitchen using web scraping with Python Selenium.





COMMENTS

Every recipe tab has a comment area that acts as a platform for users to debate or critique our mouthwatering dishes.

TIMELINE



Learning Scraping on Selenium, Flutter,
Firebase

Completing respective setups on
required software

Making basic wireframes

Ideation and Planning

Frontend

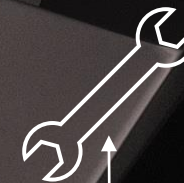
database design and
structure
Writing frontend, UI-design

Developing backend logic
Integrating screens
Improving UI

Backend

Debugging

Final Debugging
Resolving extra issues
Finalizing App
Completing documentation



PROBLEMS ENCOUNTERED



FIREBASE LIMITS

Firebase allows only 50k read/write requests

SCRAPING

Ad pop ups were blocking the flow of selenium-automated browser navigation in database formation stage

DATABASE DESIGN

Issues in adding multiple comments for a single user and fetching it recipe-wise

SUGGESTION ALGORITHM

Percentage of ingredients used out of ingredients available with the user was not considered.

USABILITY

Not user-friendly navigation

MEET OUR TEAM



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CONTRIBUTIONS

Name	Enrollment Number	Phone Number	Contributions
Manashree Kalode	21114057	+918080930624	Overall UI Design, developed Individual-Recipe screen, wrote README file, making the ppt
Mehak Sharma	21114060	+918121020227	Python Web Scripting and Scraping, writing Report, developed UI of Display-Recipe screen, designed the sequence Diagram
Neha Gujar	21114039	+918329717688	Developed Display-Recipe Screen, writing Report, designing of database
Nishita Singh	21114068	+918826468735	Developed Launch Screen, designed the Use-case Diagram and Class Diagram, Python Web Scripting and Scraping, writing Report
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CHEERS!
ENJOY YOUR MEAL 😊...