

CookAlnno





Team



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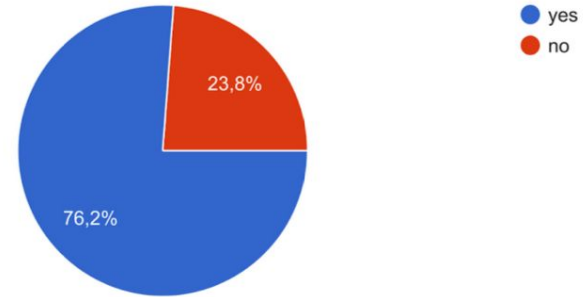


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Bogapova

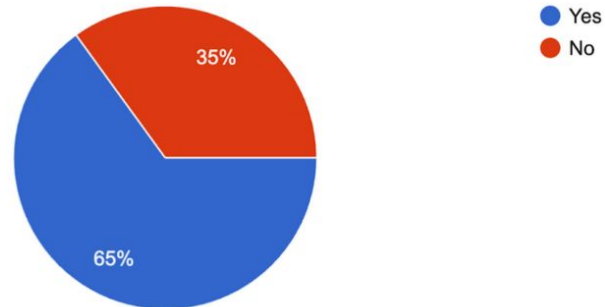
Problem



Do you face the problem of not knowing the recipes and not being able to come up with them?



Are you throwing out products because of the expiration date without even using them?



Solution

CookAlno - a mobile app that simplifies meal planning by providing personalized recipe suggestions based on available ingredients. The app leverages AI to recognize food items from photos of the user's fridge and generates new recipes.



Tech Stack

Android

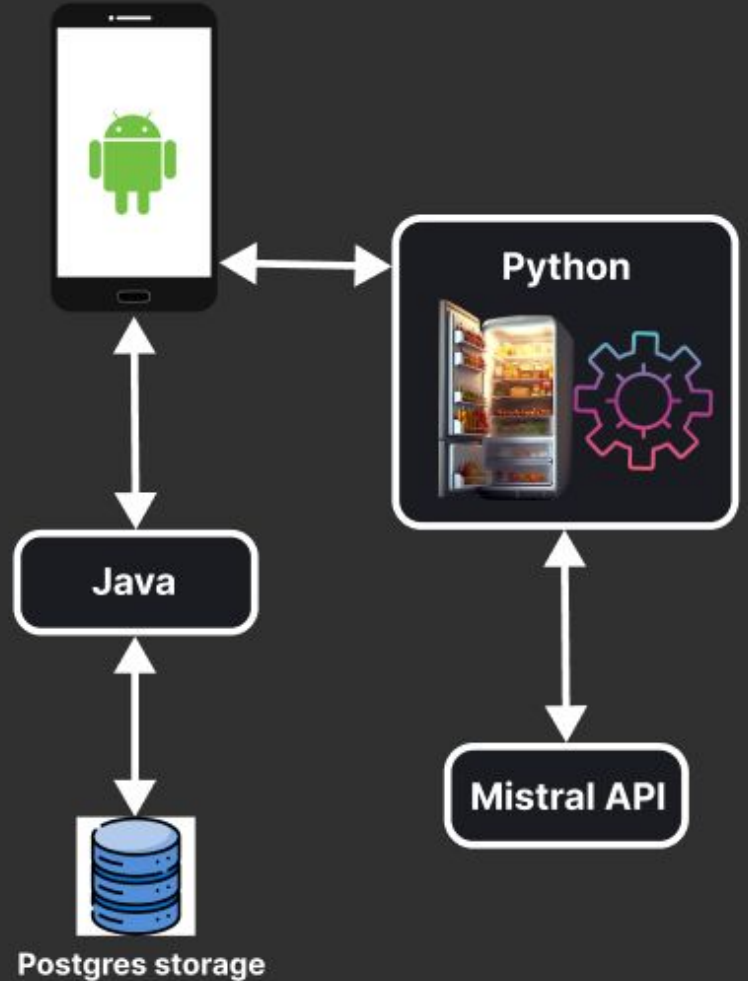
Kotlin
Retrofit
Jetpack Compose

Backend

Java
PostgreSQL
Docker

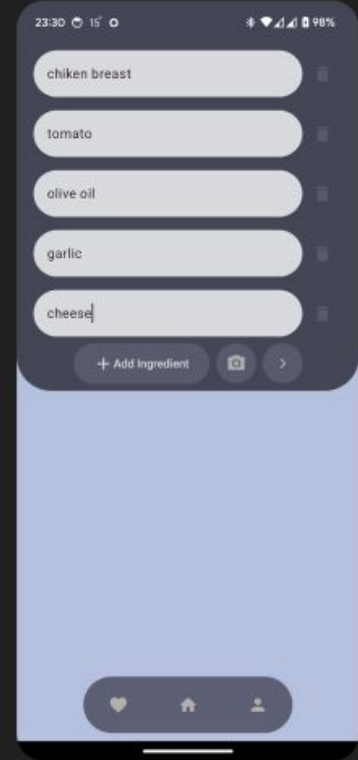
ML

Python
YOLOv8
Mistral API

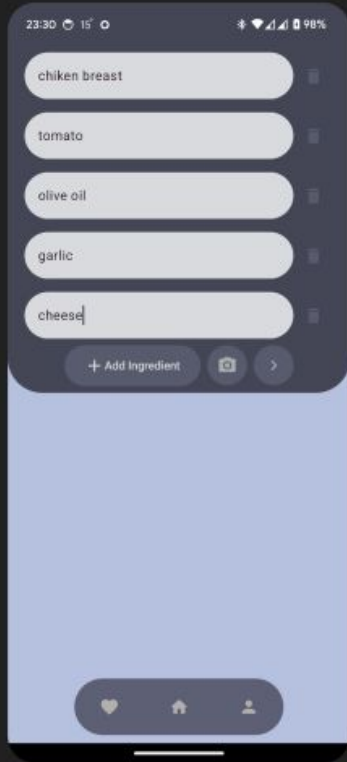


Features

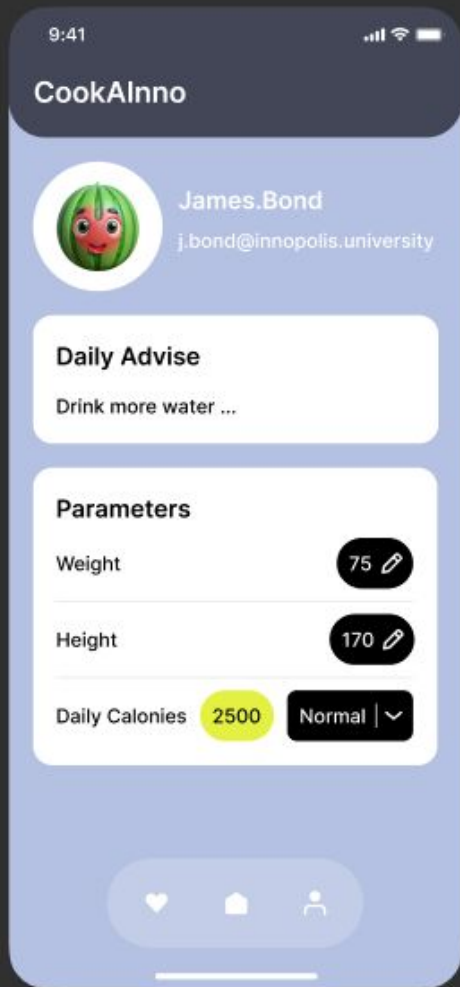
Products recognition



Recipe generation

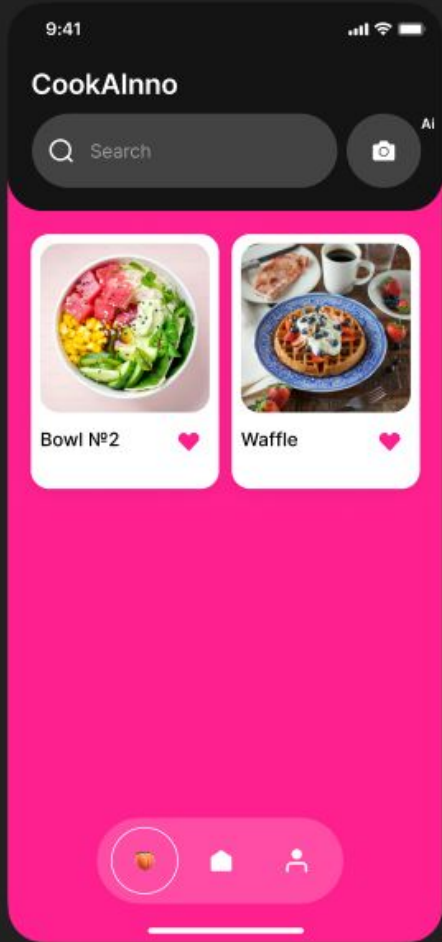


User Profile

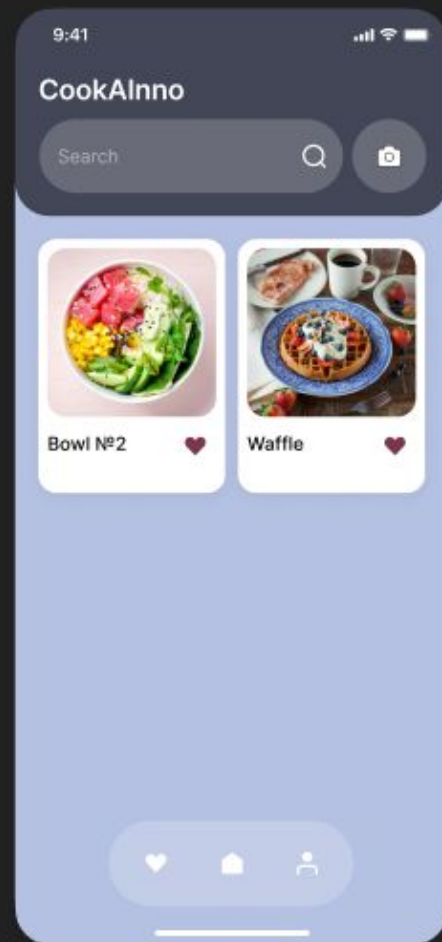
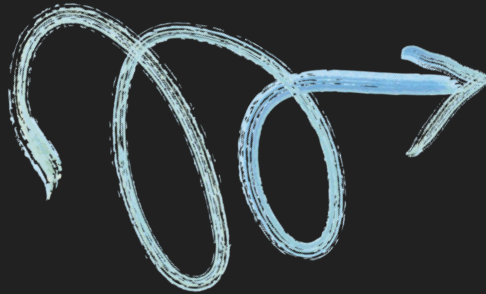


A graphic consisting of three blue arrows. One arrow is a large circle with a smaller arrow inside it, pointing clockwise. A second arrow is a horizontal line with an arrowhead pointing to the right, positioned below the circle. A third arrow is a smaller circle with an arrowhead pointing clockwise, positioned above the main circle.

Development Iteration



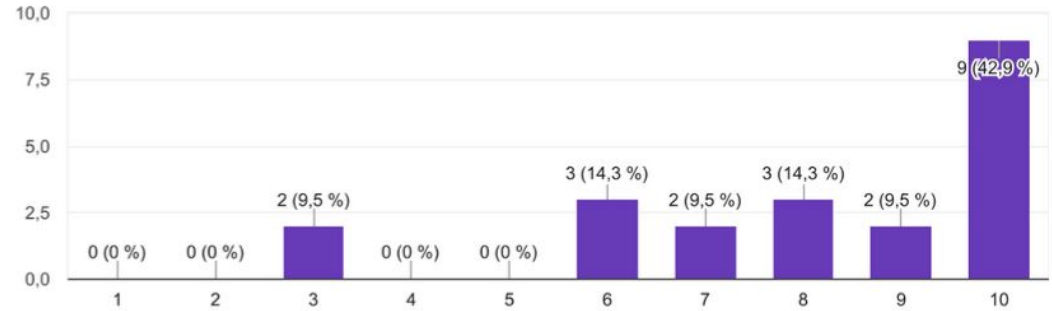
UI/UX



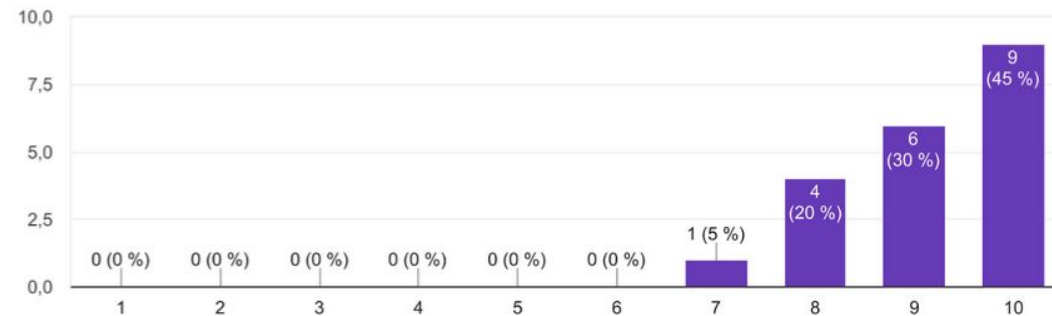
User satisfaction



How comfortable and convenient do you think the design of our application is?



Rate the updated color palette of the application:

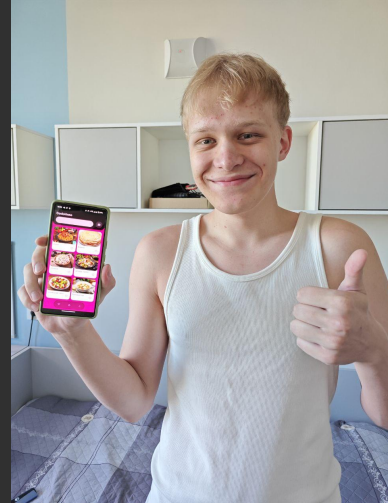


DEMO TIME

Ссылка на демку (запись на ютуб)

Thanks

Thanks to all who took part in testing of our app, providing a constructive feedback.



Also, we express special gratitude to Rustam who was guiding us through entire semester and proposing helpful ideas!

Try It!



https://drive.google.com/file/d/1JhRPLq7iG2UIZhbJB5S5R5H_hytyuGof/view?usp=sharing