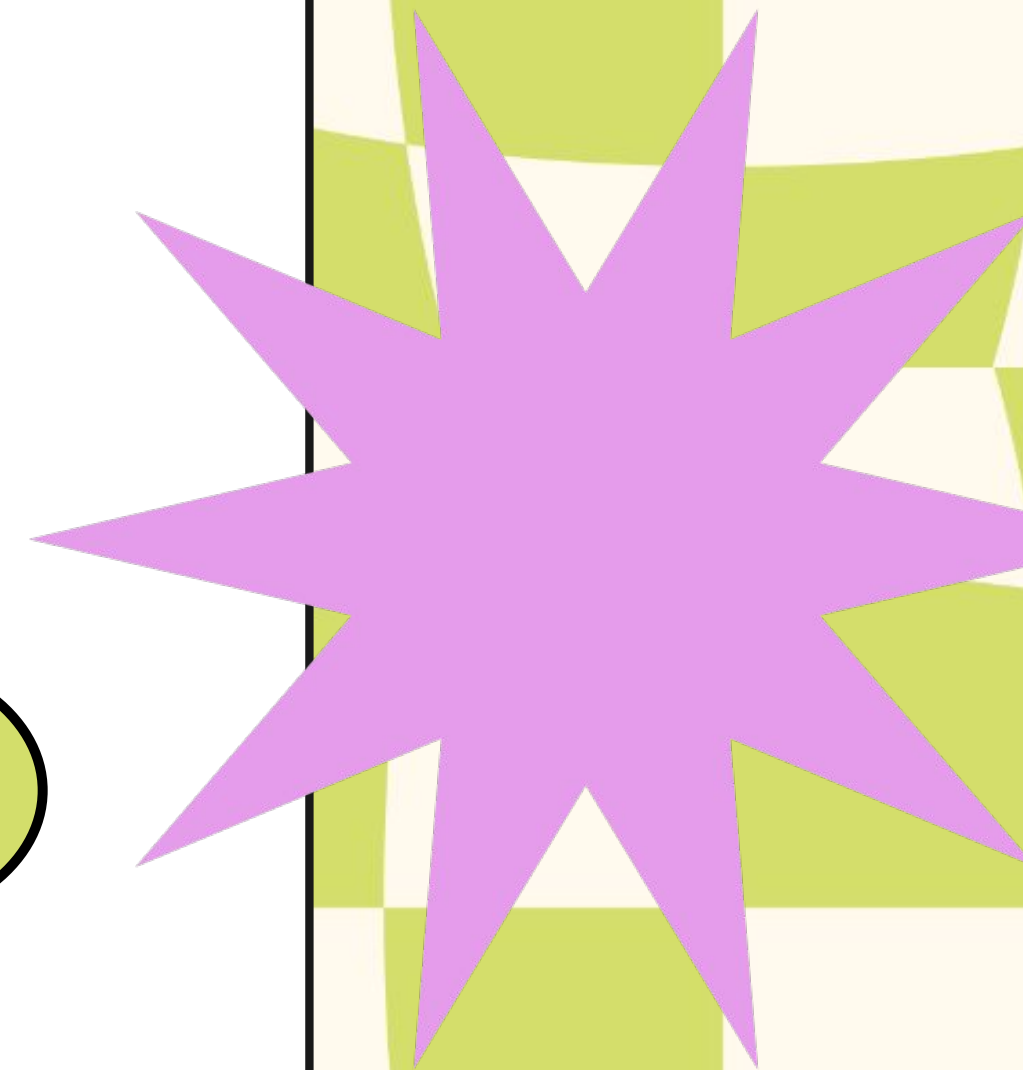


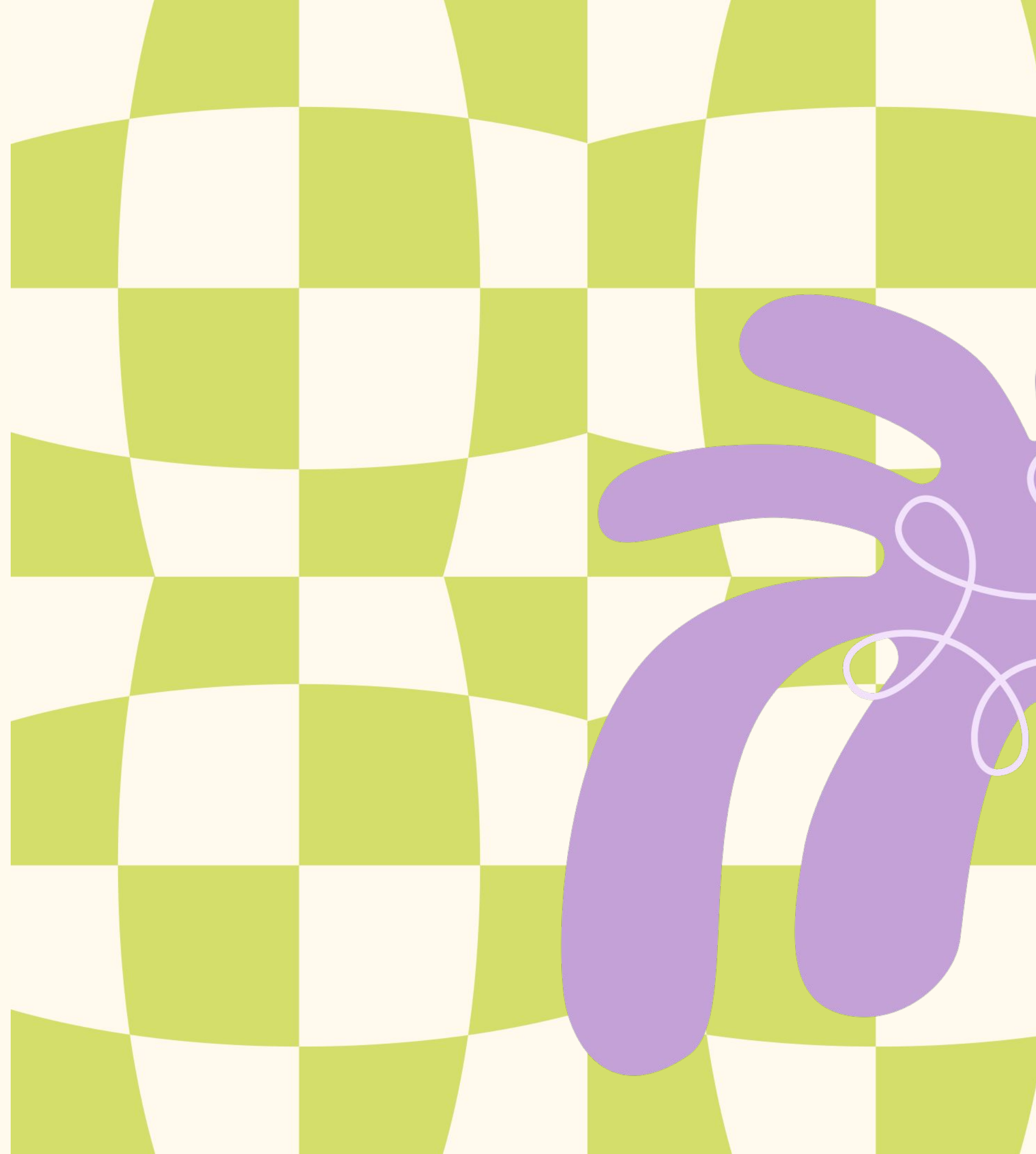
BYTEBOARD

Oliti, Kaitlyn, Trisha, Sharon, Kaylee, Sumeyye



AGENDA

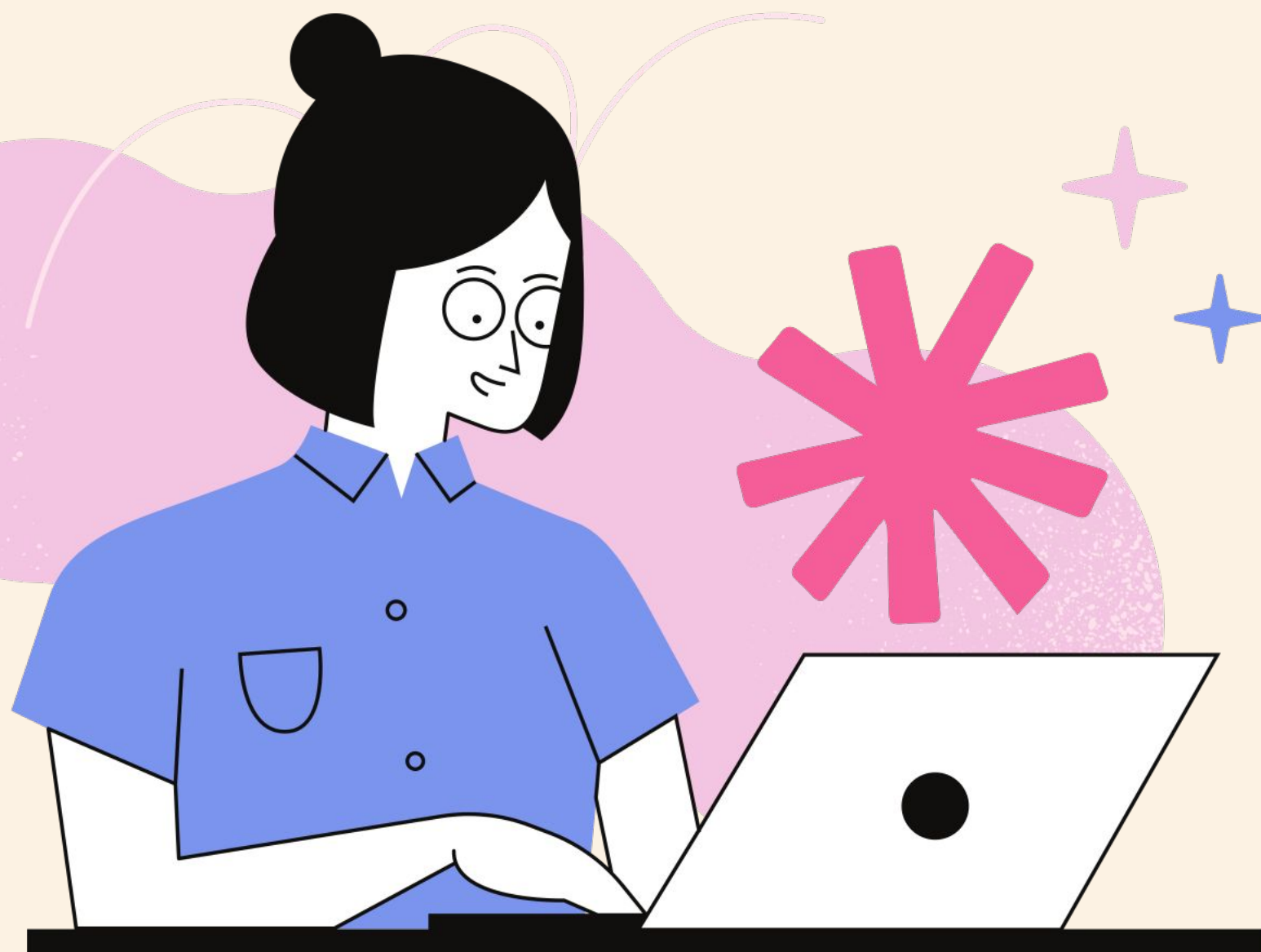
- 1 Website Summary
- 2 Tools & Ratings
- 3 Architecture Diagram
- 4 Challenges
- 5 Future Scopes
- 6 Live Demo



SUMMARY

- BYTEBOARD IS A RECIPE-SHARING PLATFORM, DESIGNED TO MAKE COOKING MORE ENGAGING AND ACCESSIBLE.
- YOU CAN SHARE YOUR OWN RECIPES AND FIND NEW ONES!
- YOU CAN ADD FRIENDS TO FOLLOW MORE OF THEIR RECIPES!

TOOLS & RATINGS



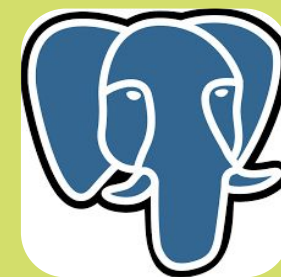
VSCode
5/5

Coding IDE
Iterative Development



GitHub
4/5

Project Tracker & VCS
Iterative Development,
Agile Methodology, Peer Code
Reviews, & CI/CD



PostgreSQL
3/5

Database
Iterative Development



HTML &
HandleBars
5/5

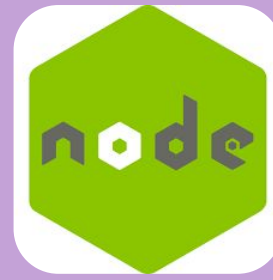
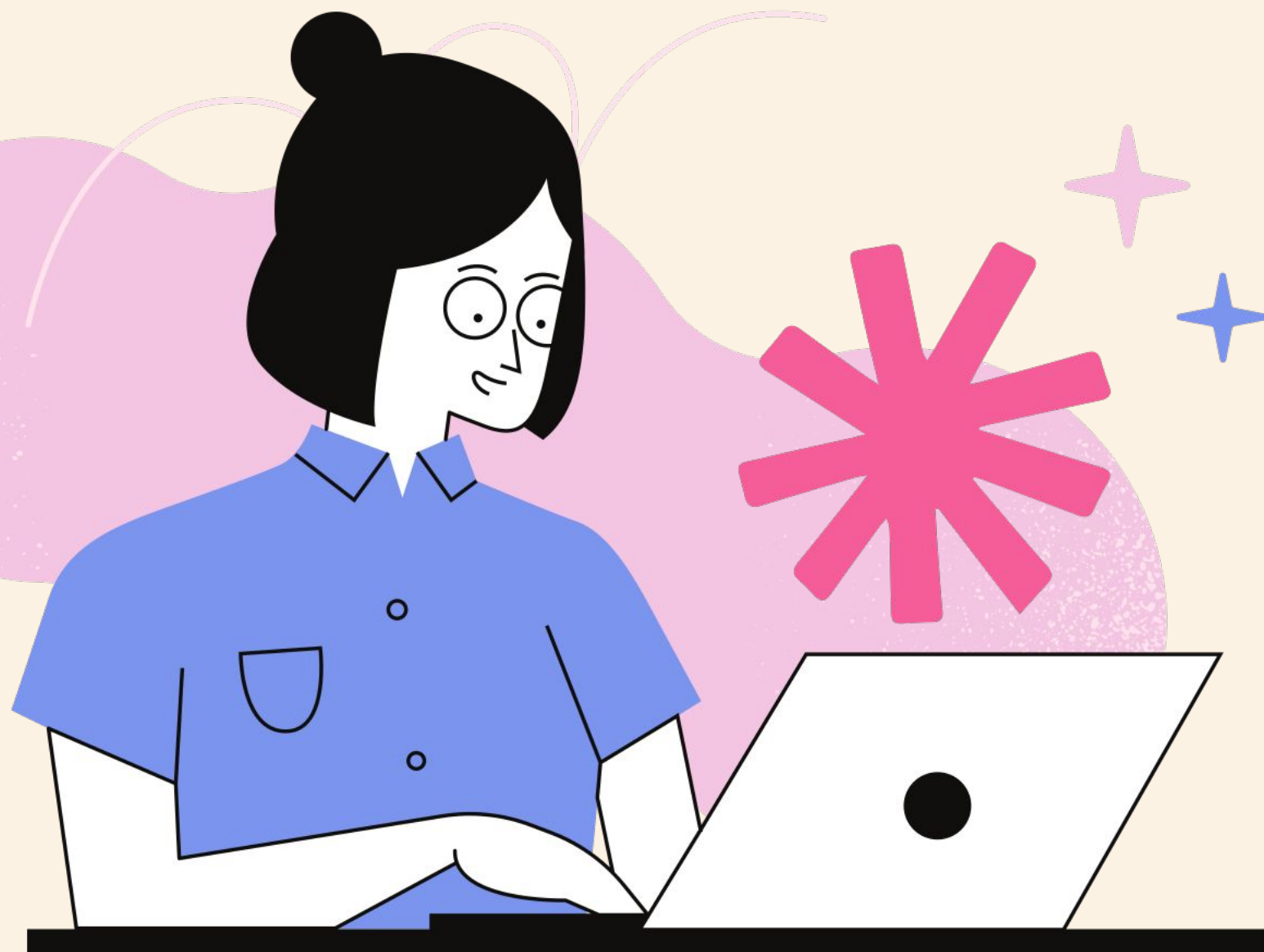
UI Design Tools
UI Design
Methodology



CSS
4/5

Styling Language

TOOLS & RATINGS



Node
5/5

Application Server
and Framework



Render
4/5

Deployment Environment



Mocha &
Chai
5/5

Testing Tool



LucidChart
5/5

UI Design Tool
UI Design Methodology

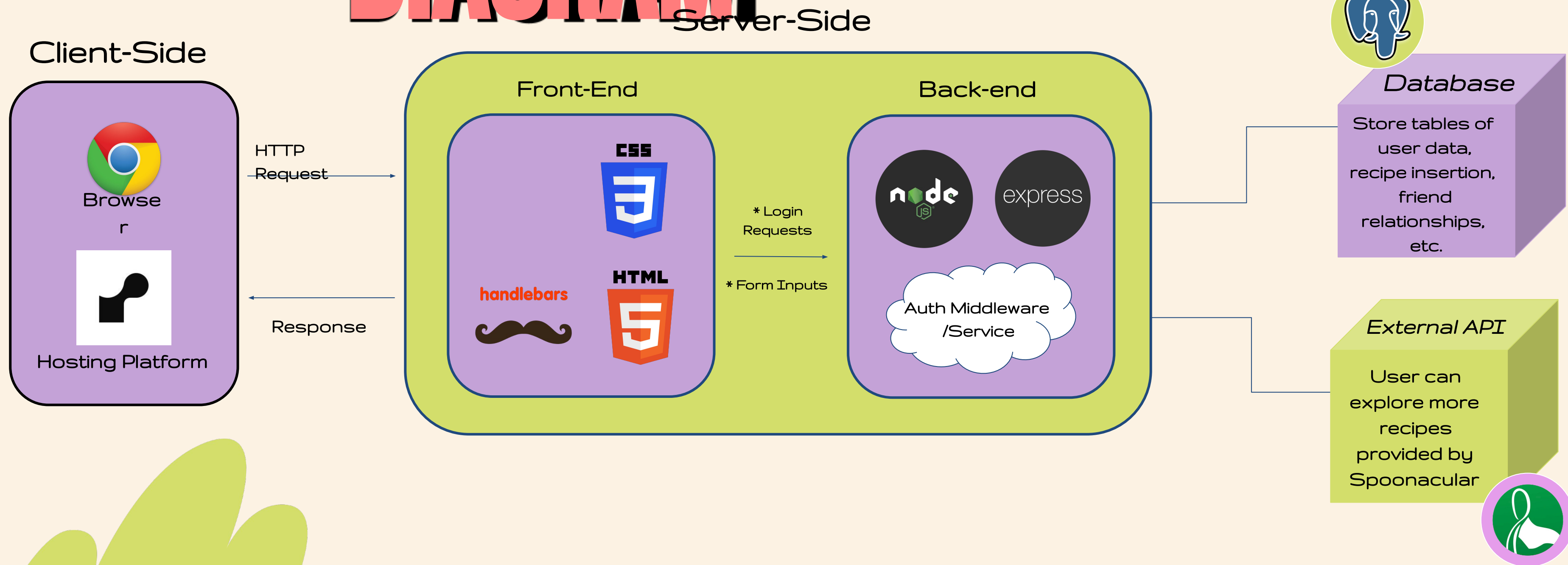


Spoonacular
3/5

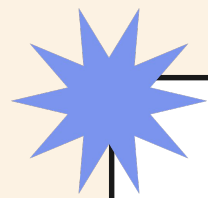
External API

ARCHITECTURE

DIAGRAM



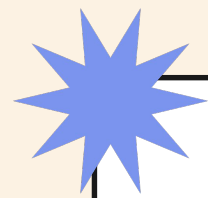
CHALLENGES



User-Friendly Forms :

Simplifying registration and login forms while validating inputs effectively.

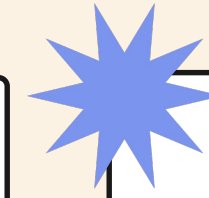
- Users accidentally entering invalid data and encountering vague error messages.



Integrating Multiple Technologies :

Combining the UI, server, database, and Docker into one cohesive application was challenging, especially ensuring smooth communication between layers.

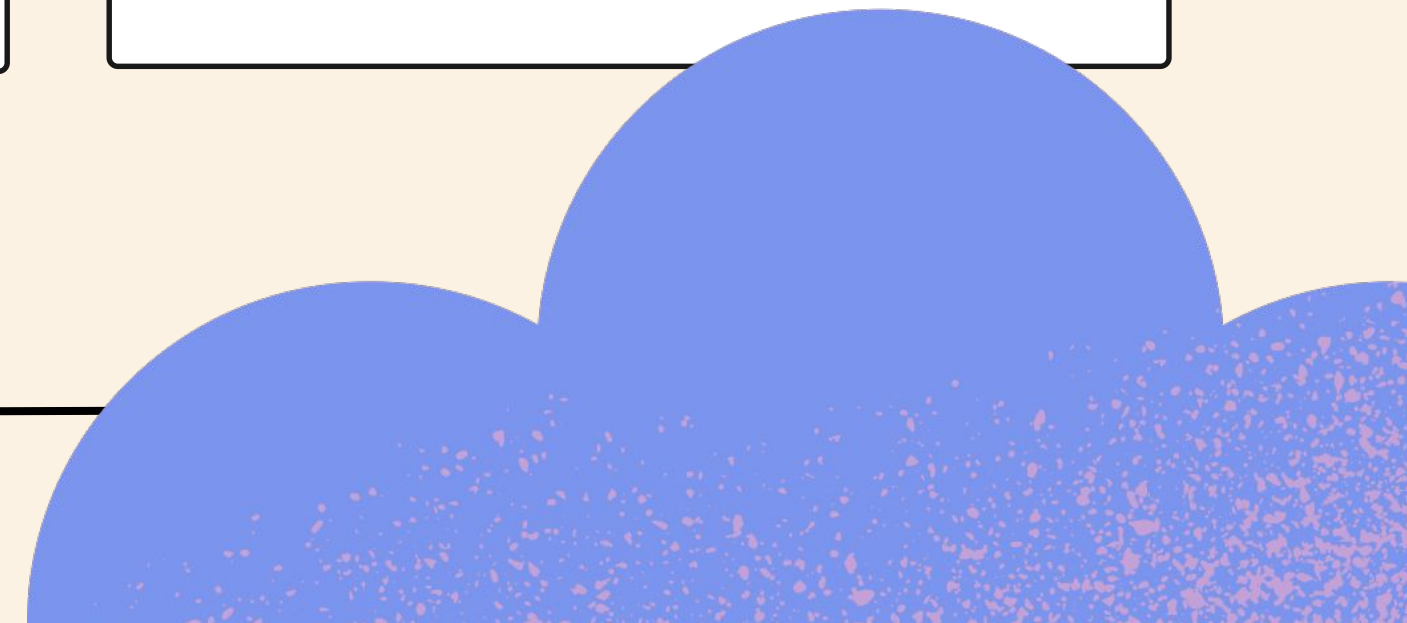
- Establishing a reliable connection between the frontend and the database through the backend server.



Docker Configuration :

Setting up Docker for seamless local development and deployment was tricky, especially with mounting volumes and database initialization.

- Ensuring PostgreSQL initialized correctly with seeded data and troubleshooting container crashes.





FUTURE SCOPE



Social Media

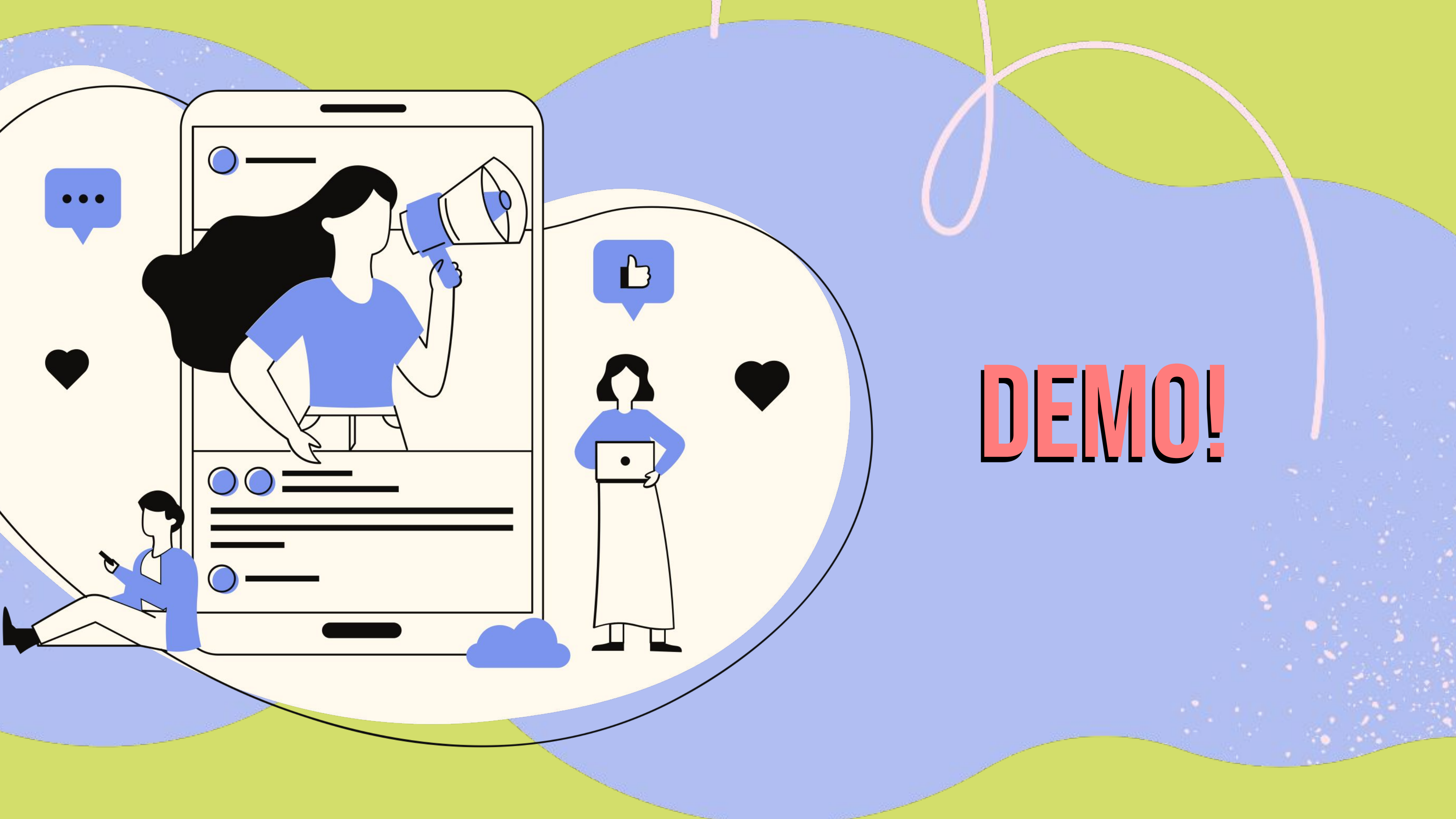
We wanted to make it more like social media where the user can interact more with people on recipes: comments and likes

Saving Posts

People should be able to save posts to make finding recipes simple and easy!

Filtering

Filtering recipes that the user has searched or created based on time, popularity, dietary restrictions and intolerances



DEMO!



**THANK
K
YOU!!**