

WHAT TO EAT

Group

3

Duration

27 Nov 2023

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overview

- what field did we focus on?
- What is the problem analysis? How did the idea come?
- what is the “ What to Eat System”?
- how our app work to help solve the problem?
- Which methodology do we plan to use?

what to eat

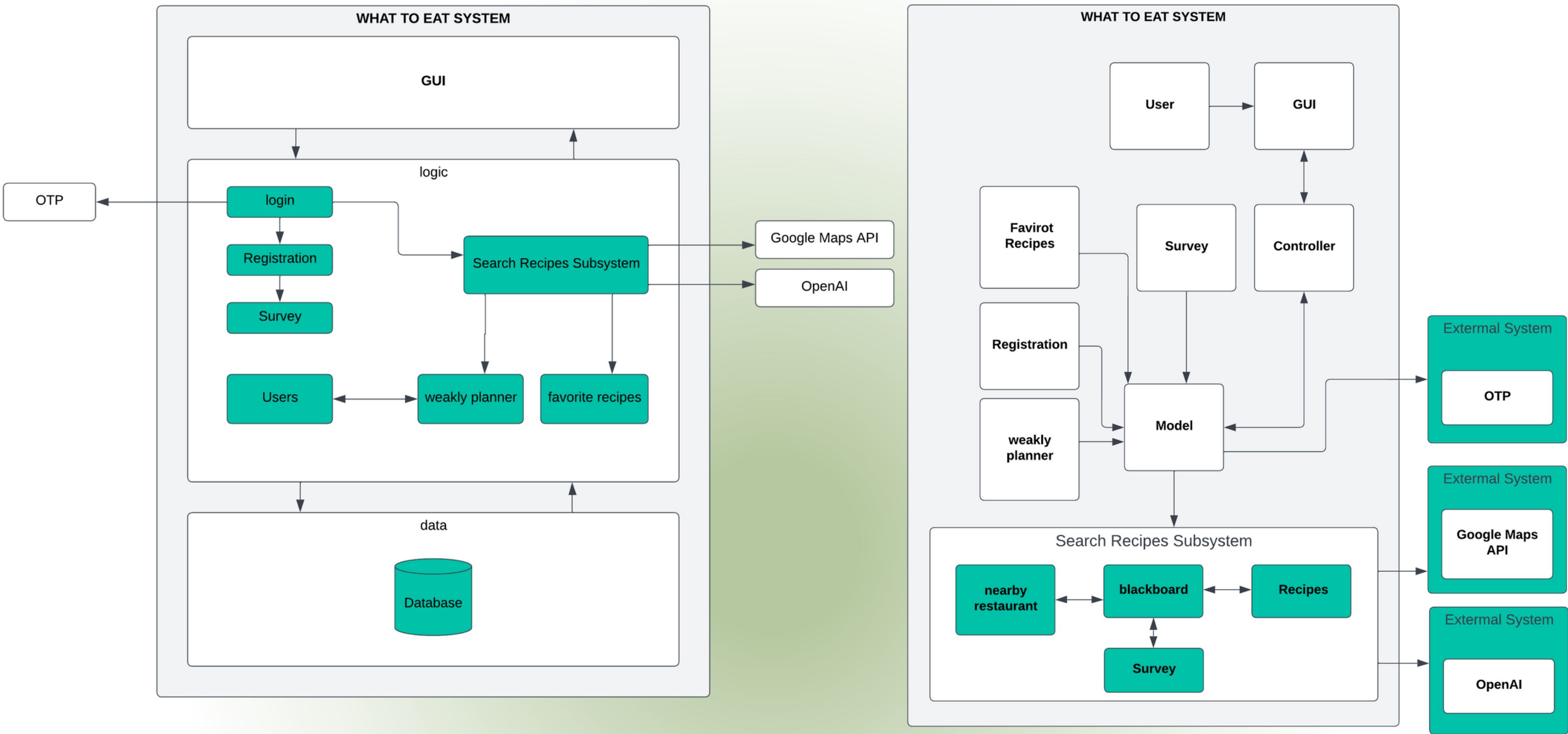
USE CASE Diagram



Quality Factors

- Useability
- Performance
- Reliability
- Extensions

high level diagrams



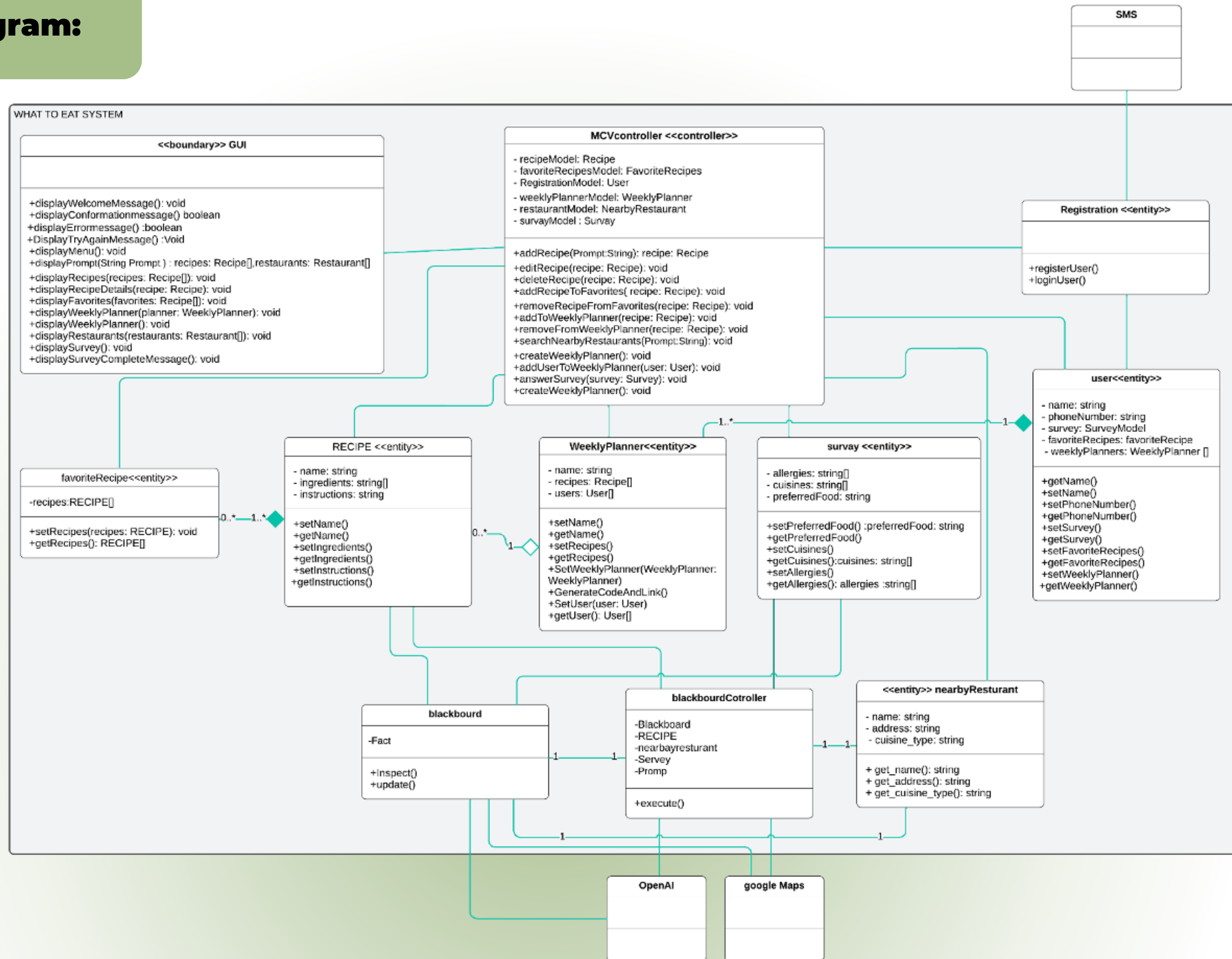
Why we use Blackboard and MVC ?

MVC promotes a clear separation between the data (Model), user interface (View), and application logic (Controller). This separation makes the codebase more modular, maintainable, and easier to understand.

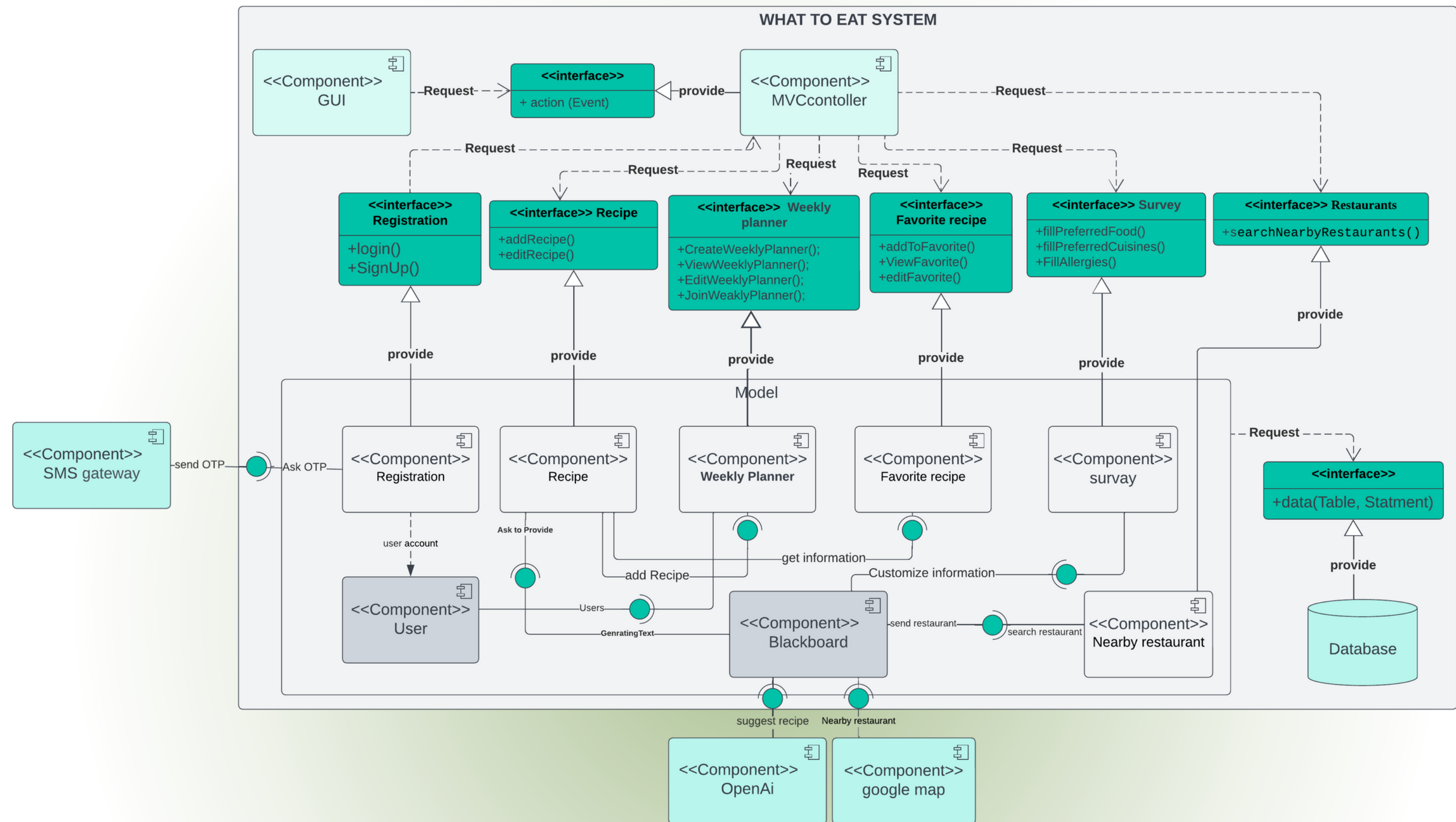
Blackboard architecture is a type of software architecture that is commonly used in the field of artificial intelligence.

One reason for using blackboard architecture software is its ability to handle complex and dynamic problem-solving tasks.

Class Diagram:

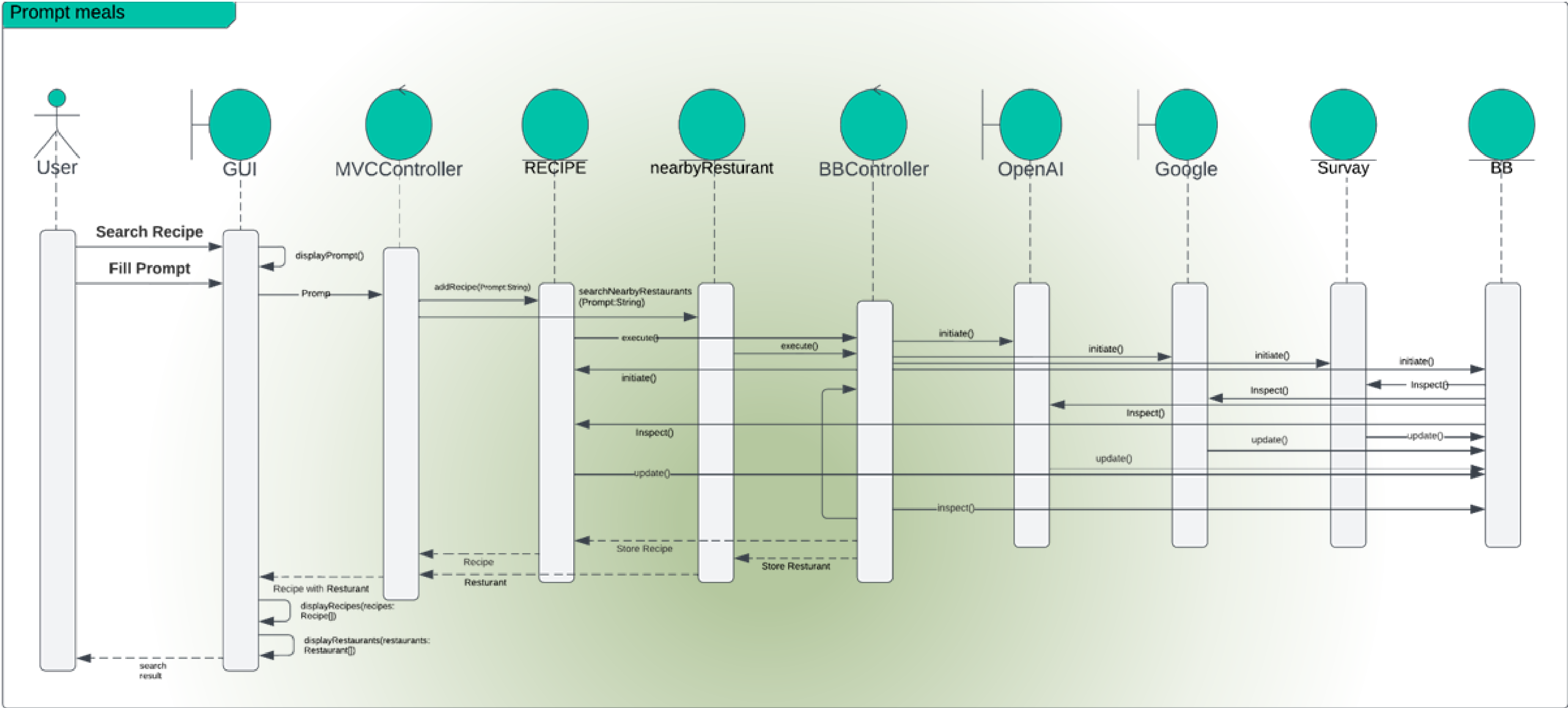


Component Diagram:

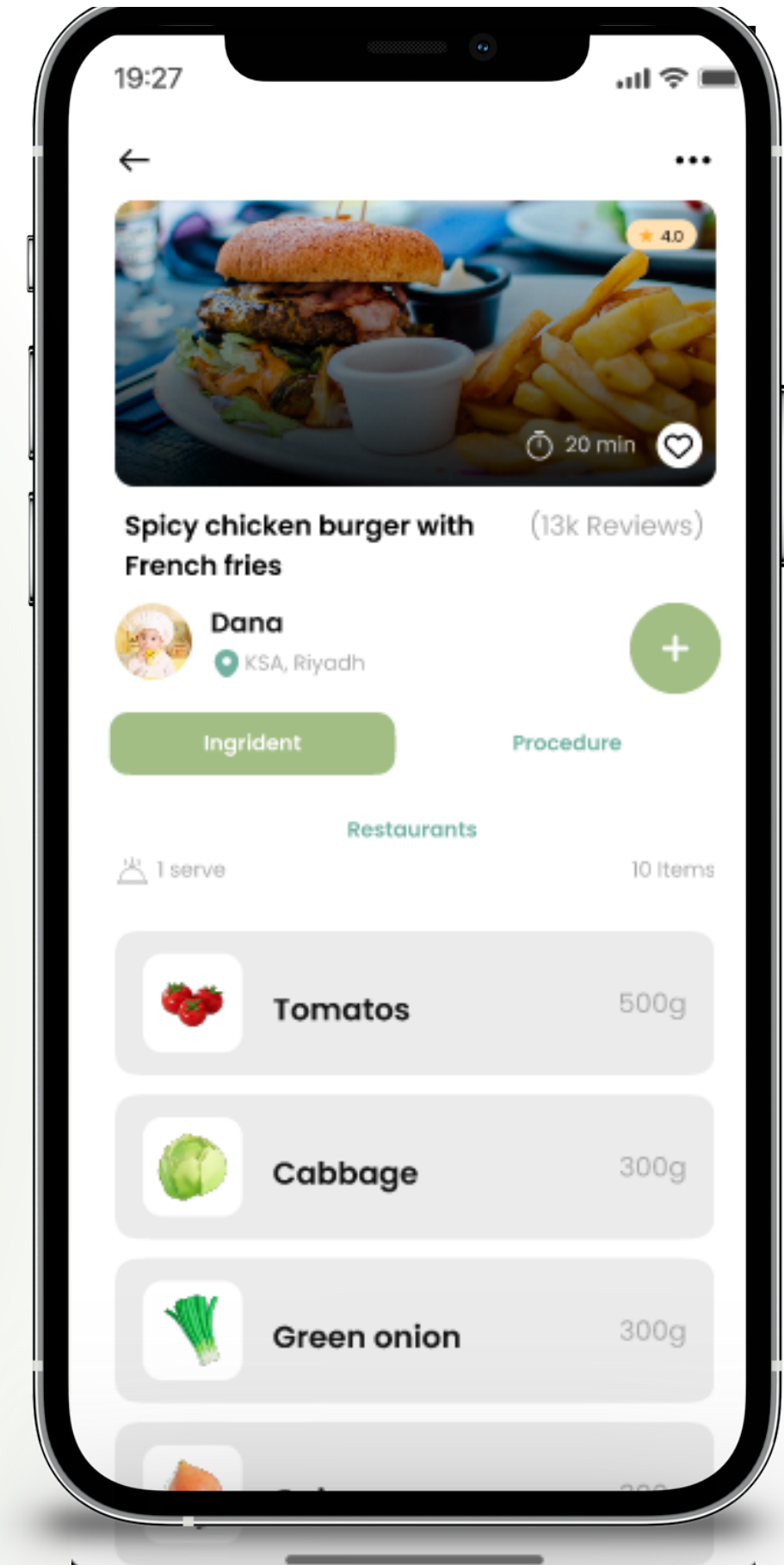
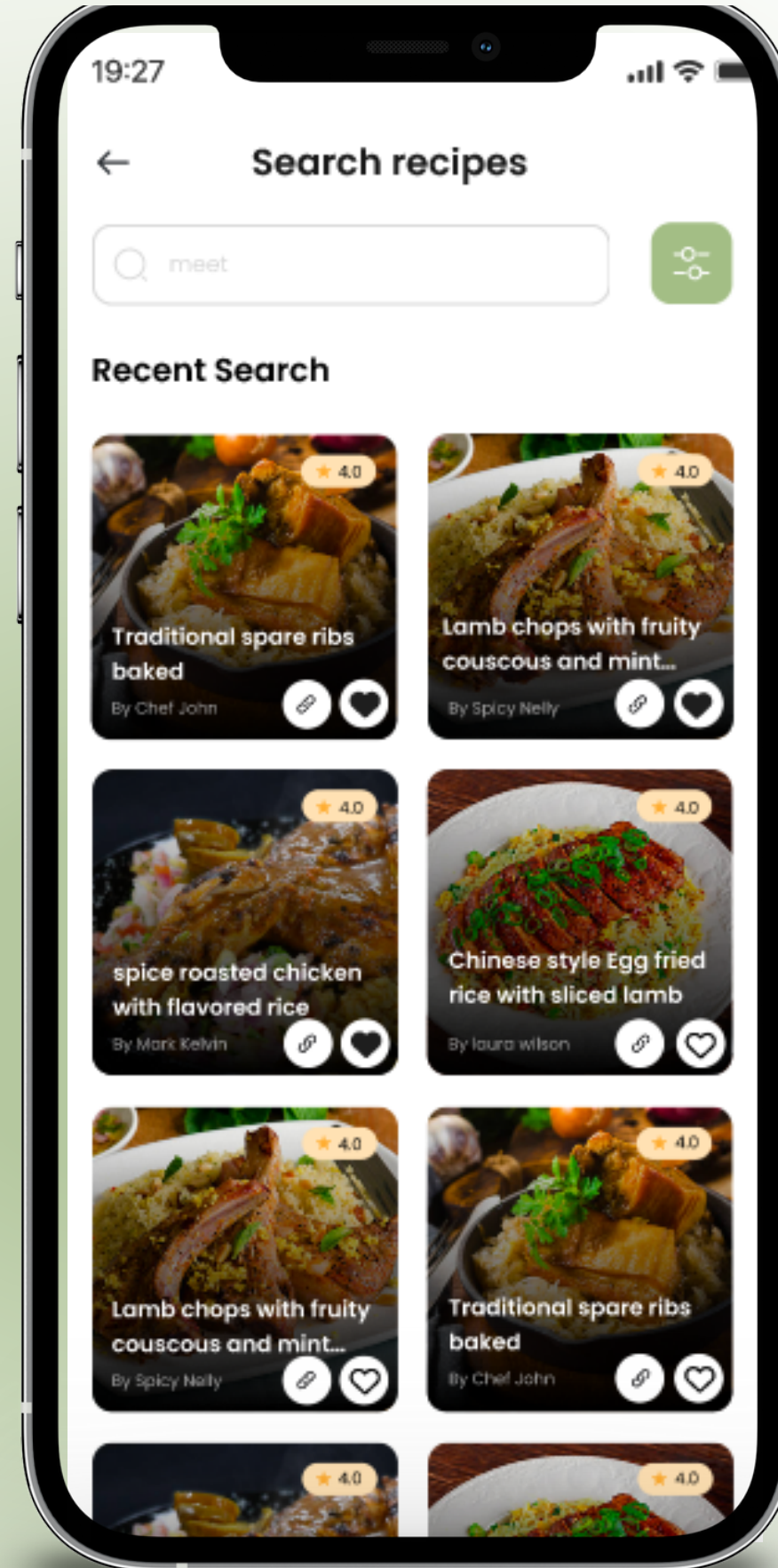
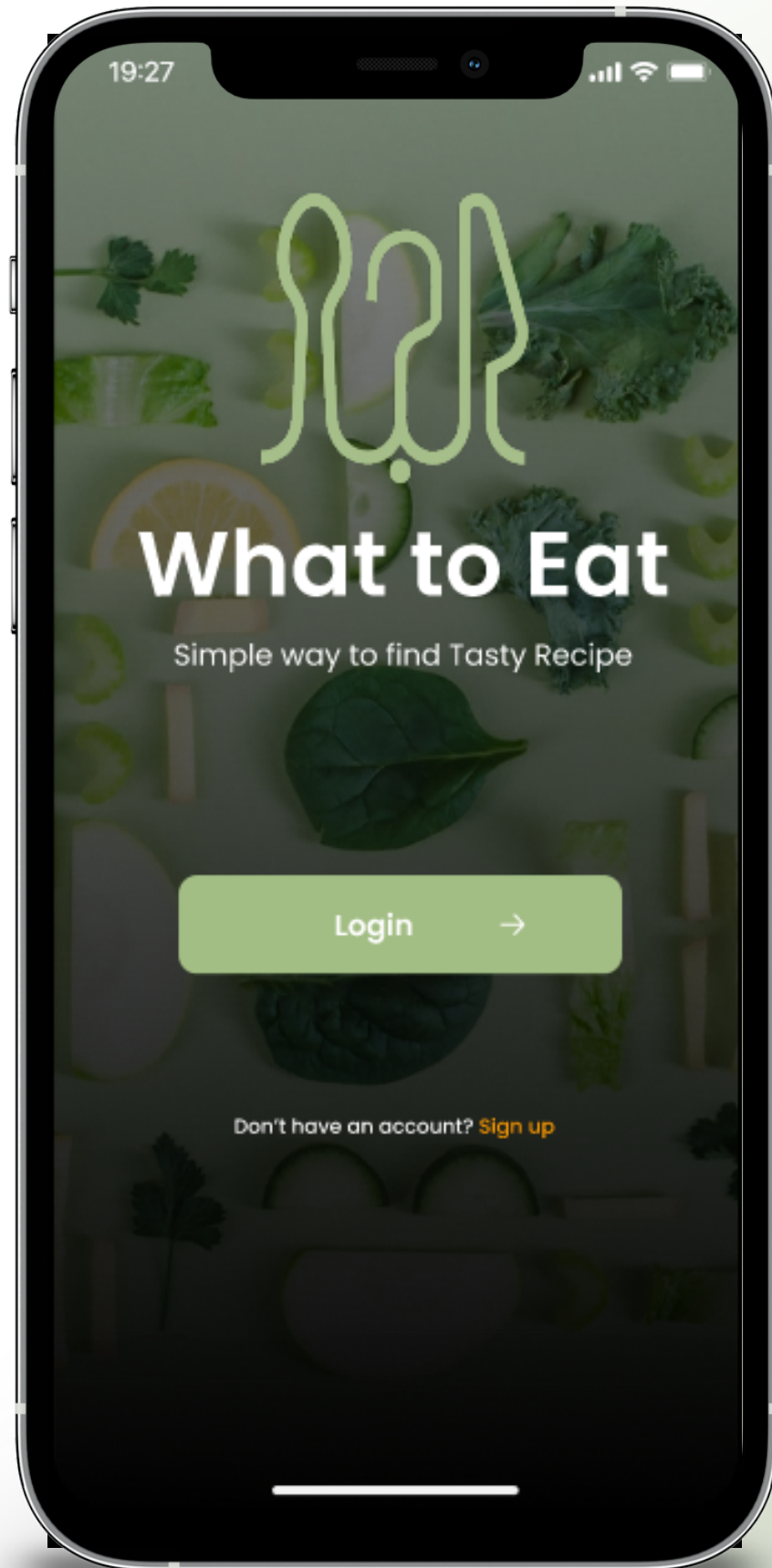


Sequence Digram:

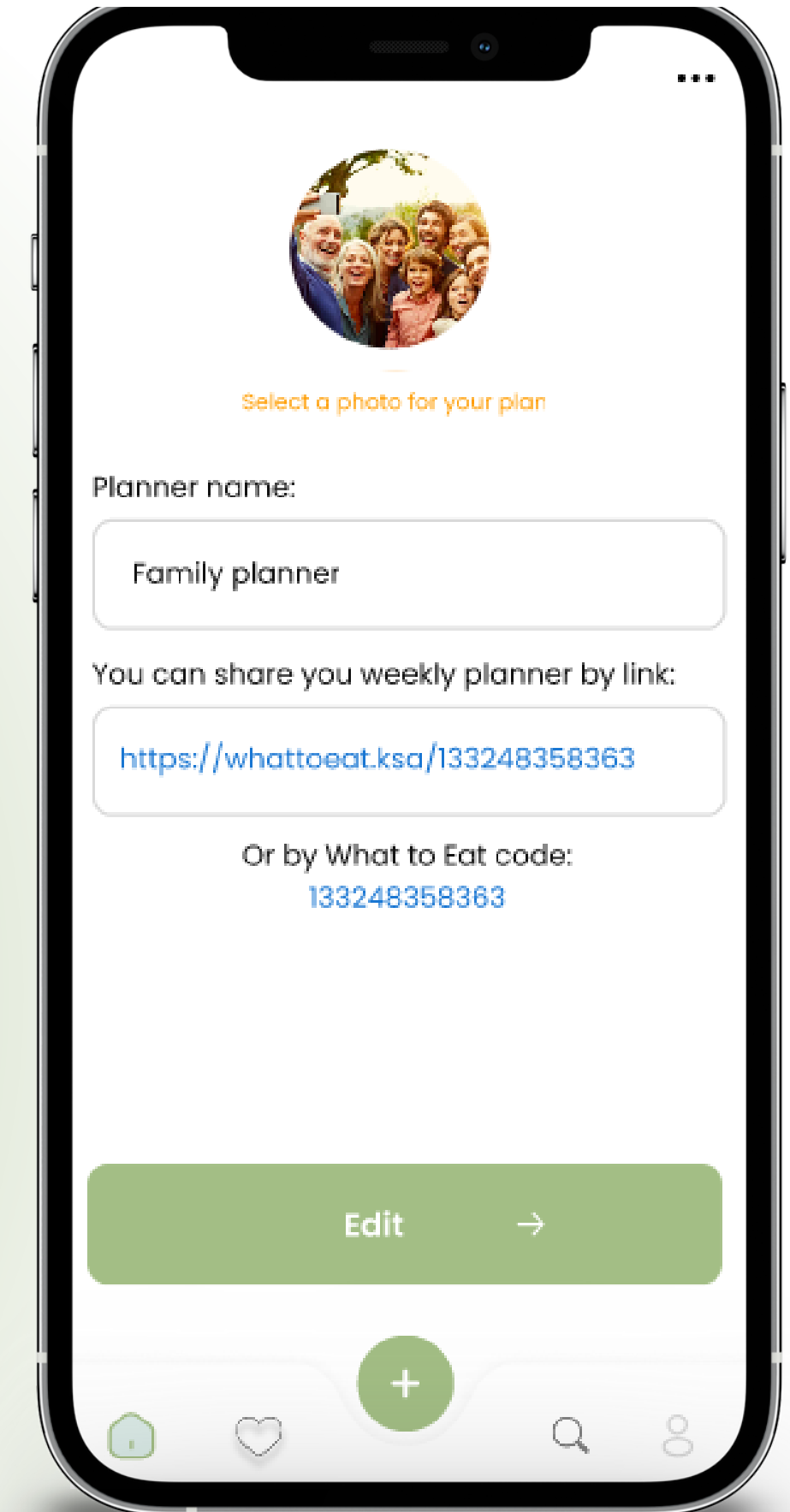
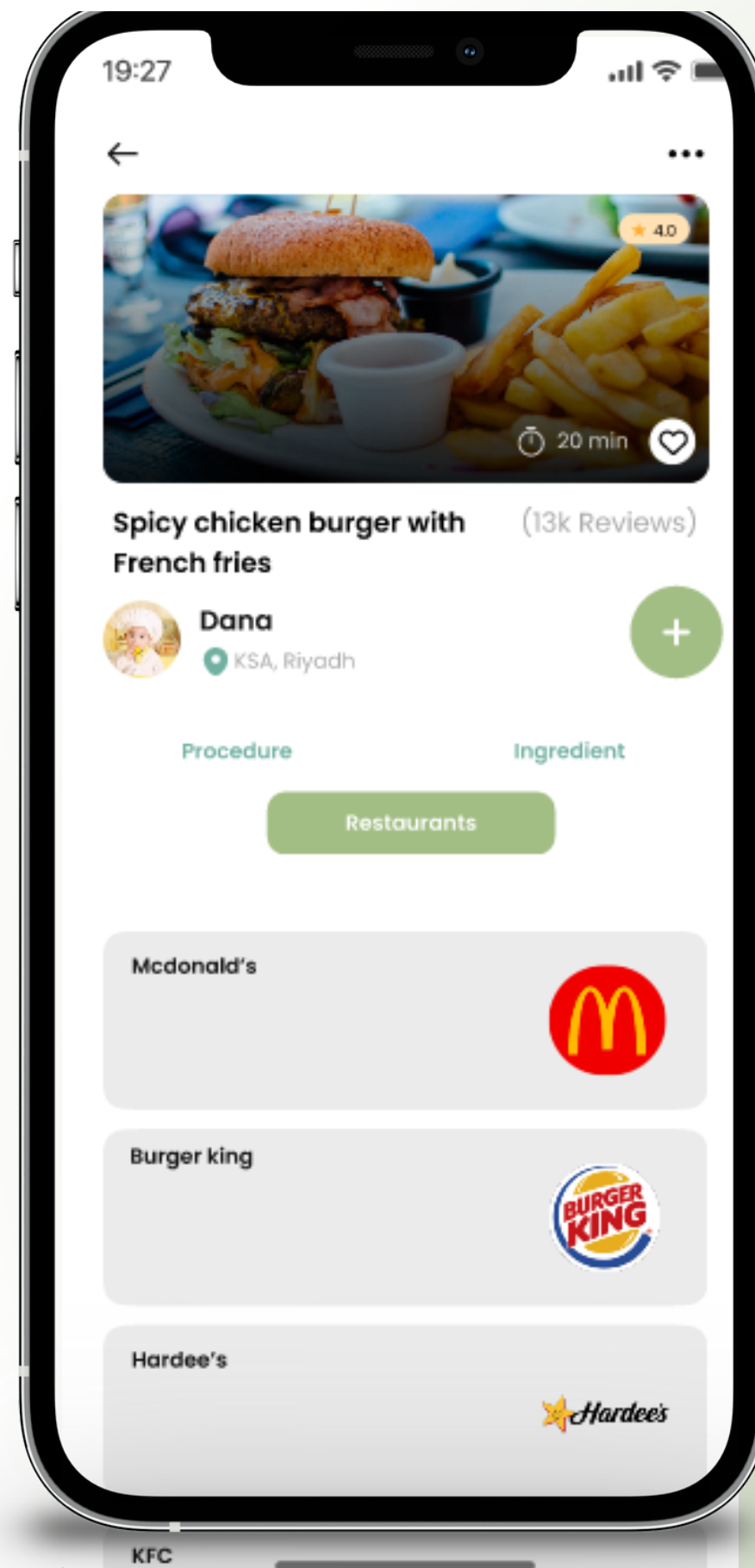
Prompt meals



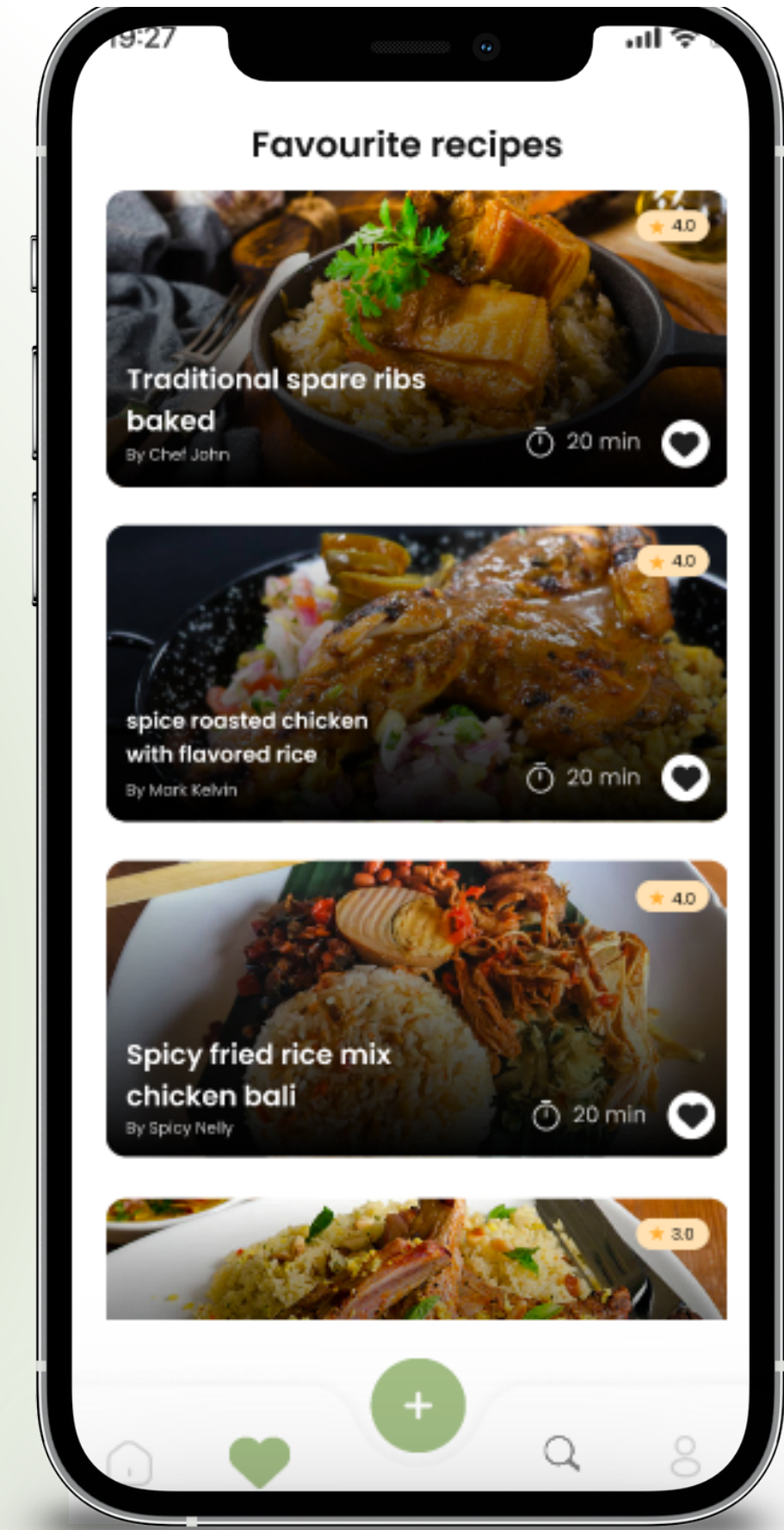
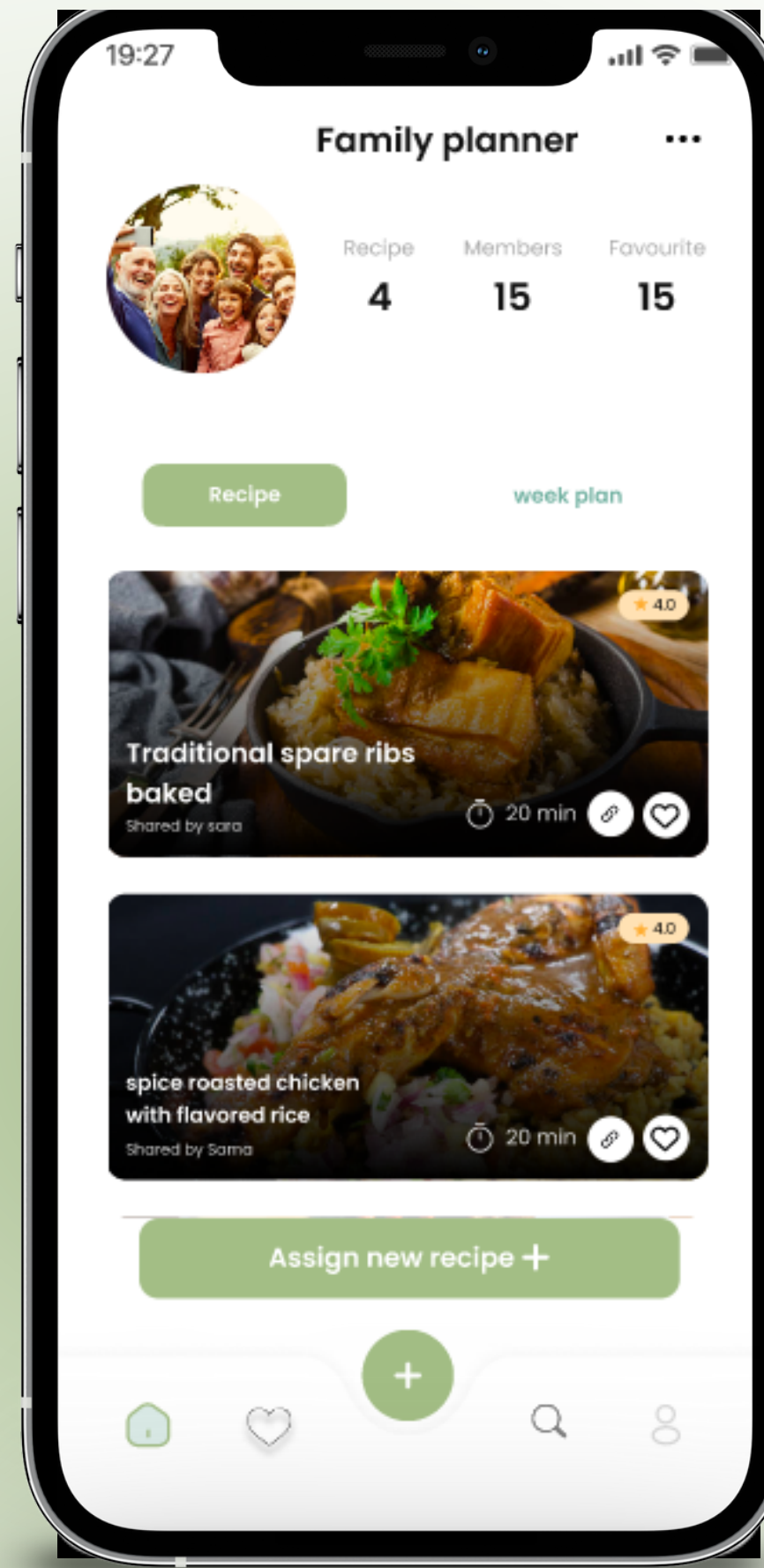
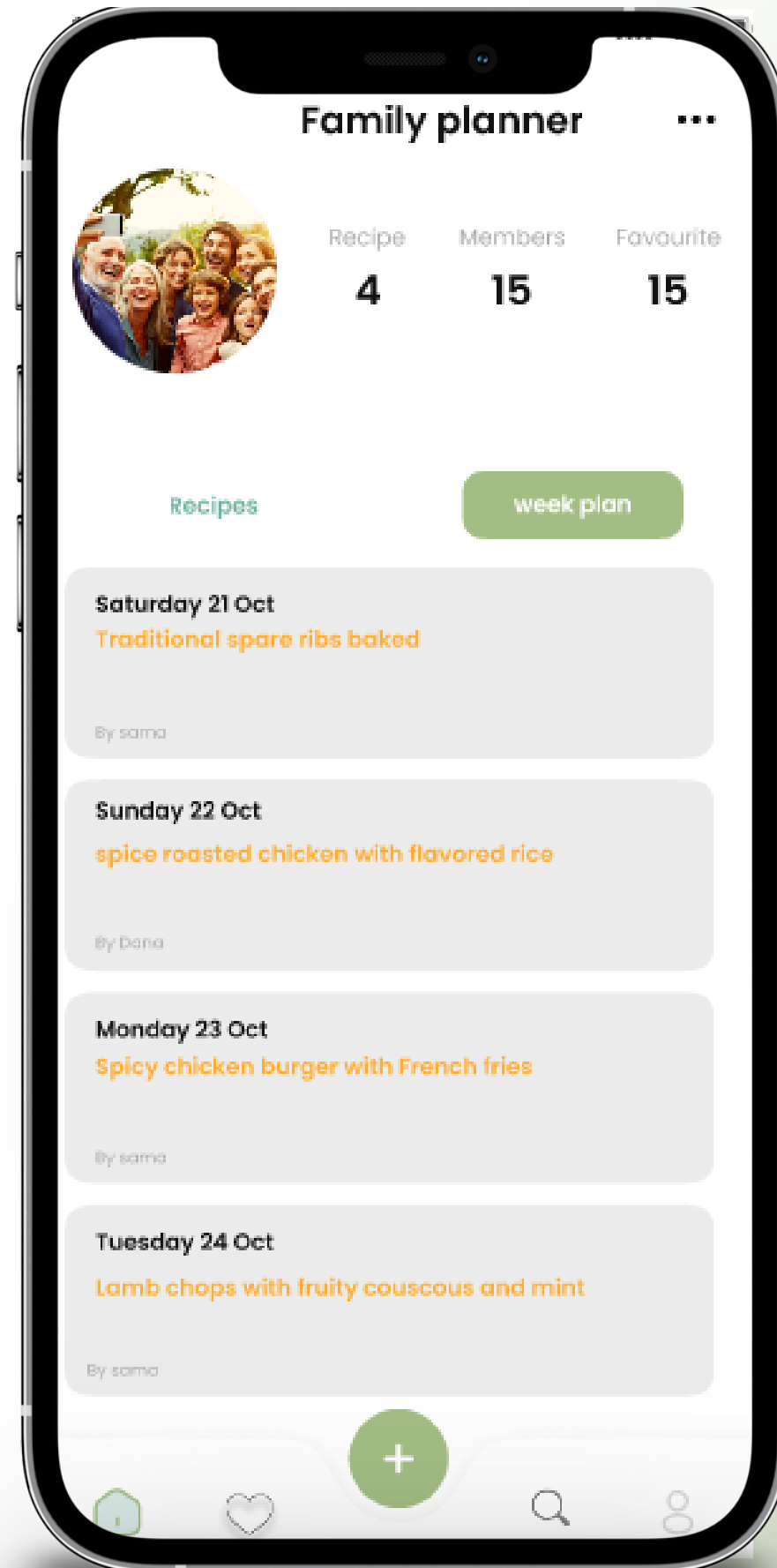
UI



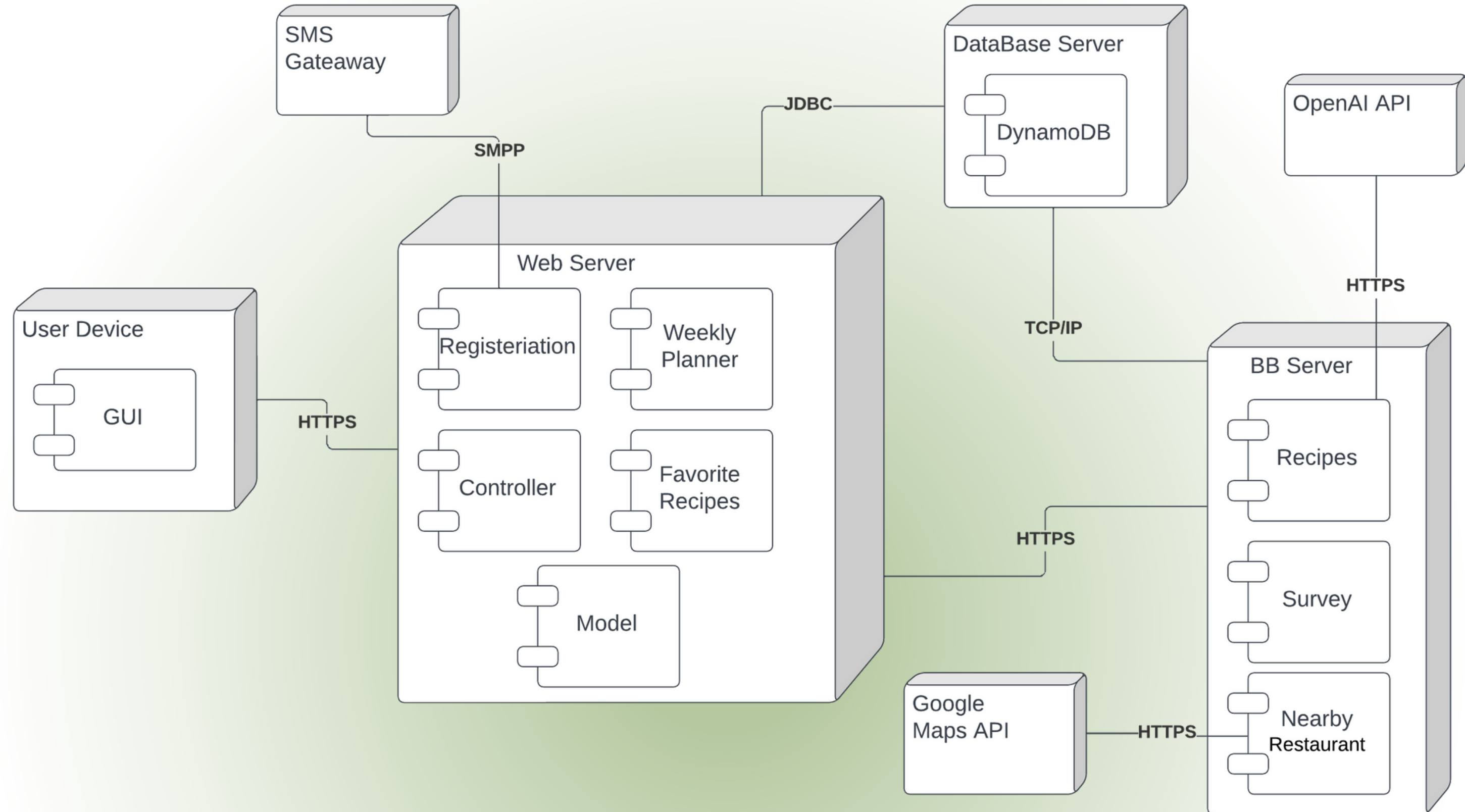
UI



UI



Deployment Digram:



Future Work:

1- integrating additional external APIs or services

- to enhance recipe recommendations or delivery options.
- expanding social features for recipe sharing by adding chatting space.
- incorporating personalized notifications and reminders for weekly planner activities.

2- Adding regular code reviews, architectural reviews, and feedback from users can help identify areas that may need adjustment or enhancement.

Conclusion:

In conclusion, the development of our What to Eat app project document has been a trip of culinary research, and we aim to make it a reality and deploy it in the real world so that it may assist many people in finding delicious recipes and meals to share with their friends and family.

what to eat

**Thank you for
lessening**

have any questions' ?