



TABLETIME

--- Enjoy your food Enjoy your Life ---

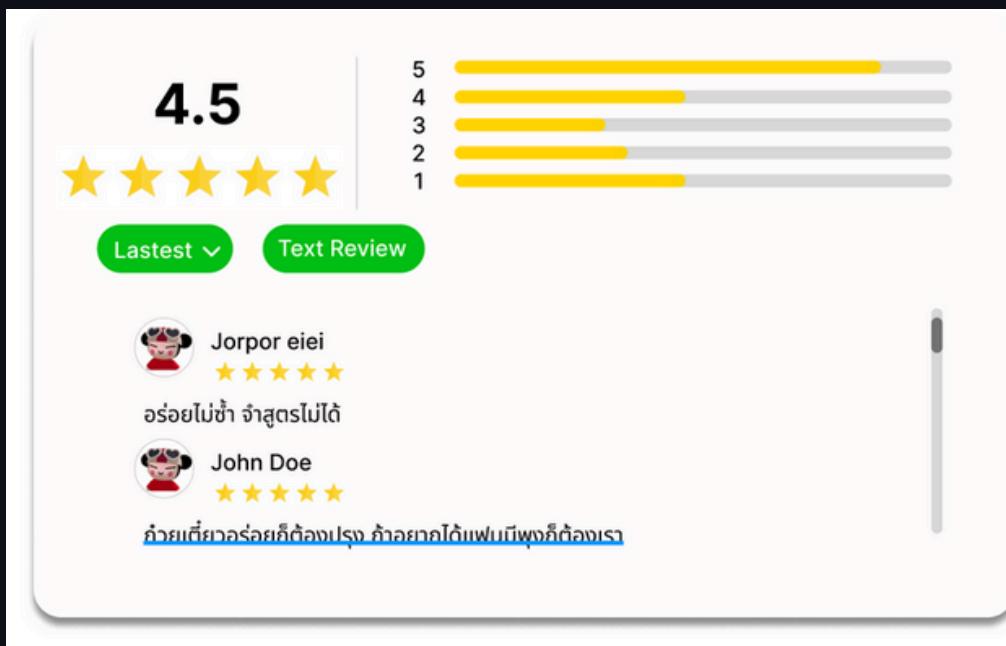
#Reserve Restaurant by TABLETIME

Reserve

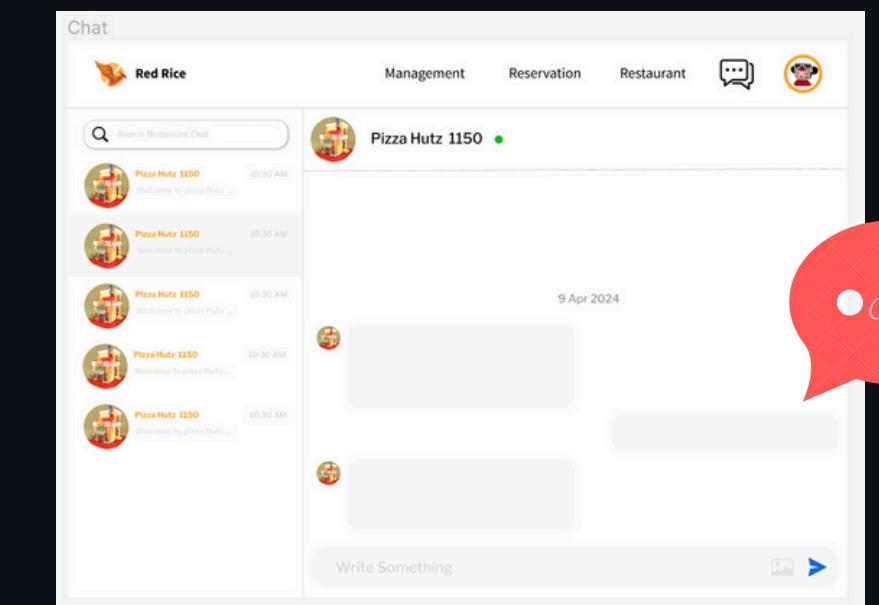
Your Reservation

1 5 Tables 20:40

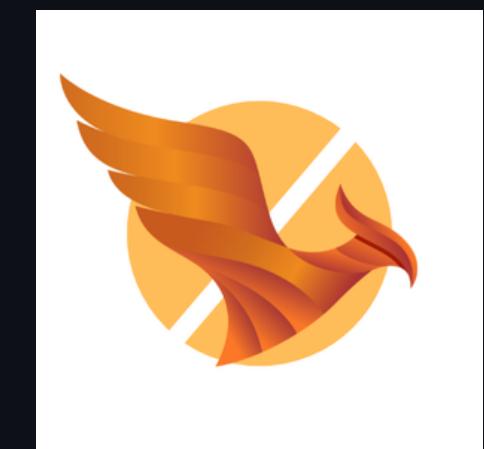
Pending



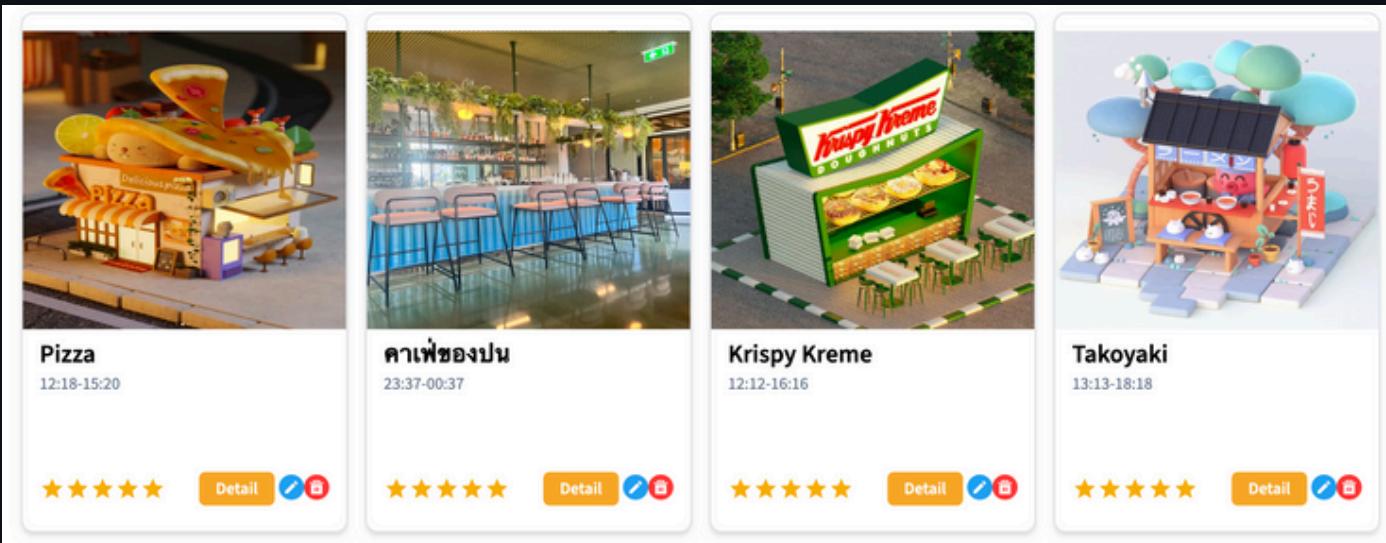
Rating and Comment



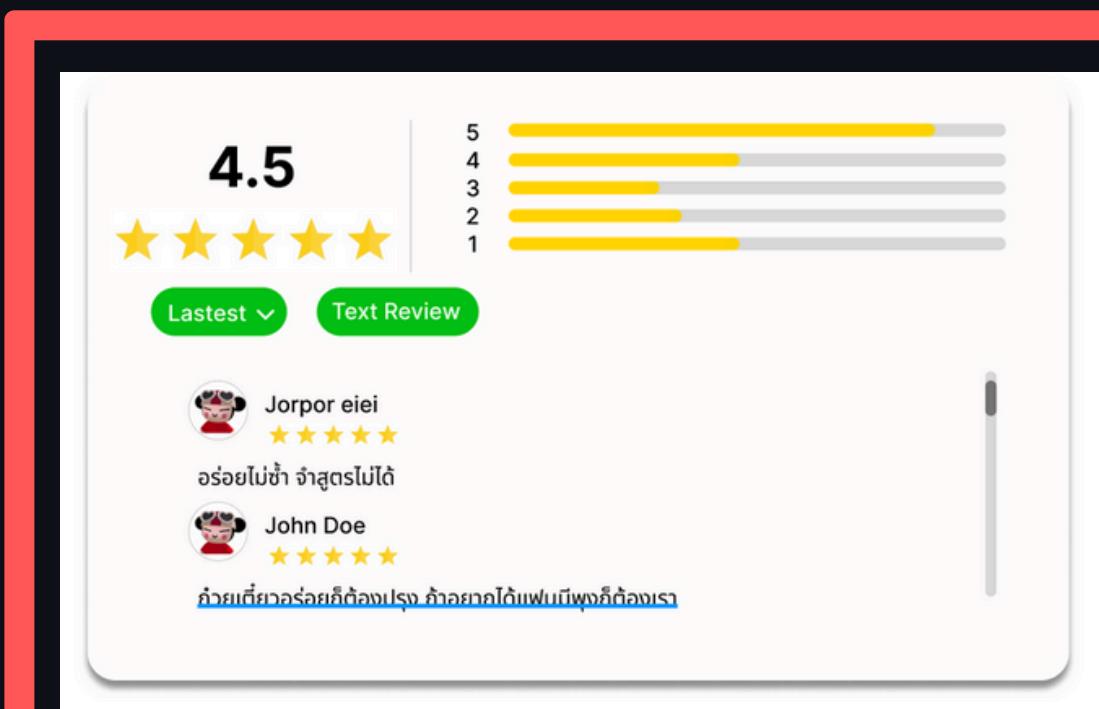
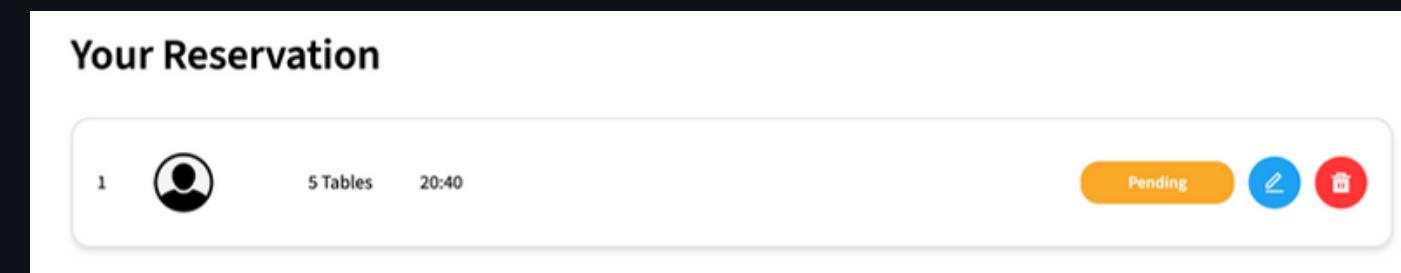
Chating



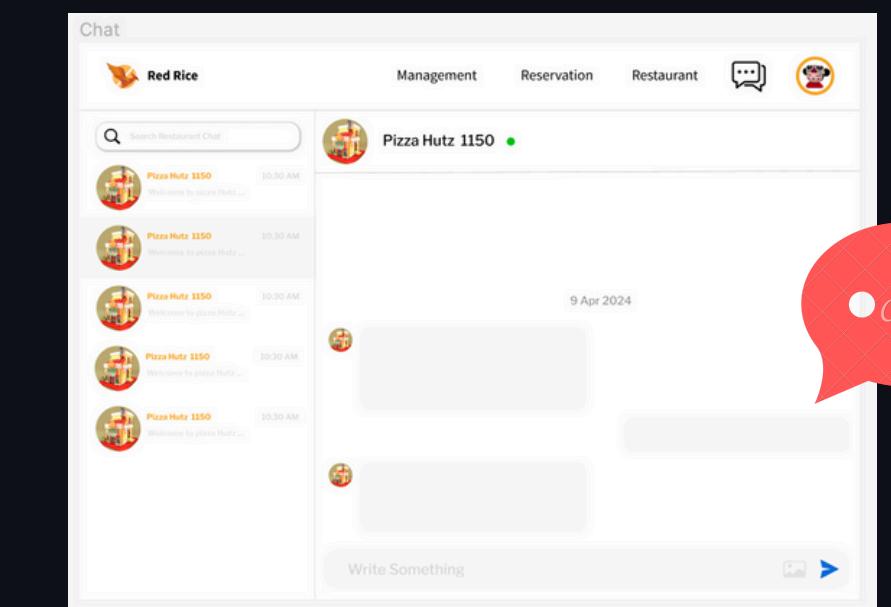
#Reserve Restaurant by TABLETIME



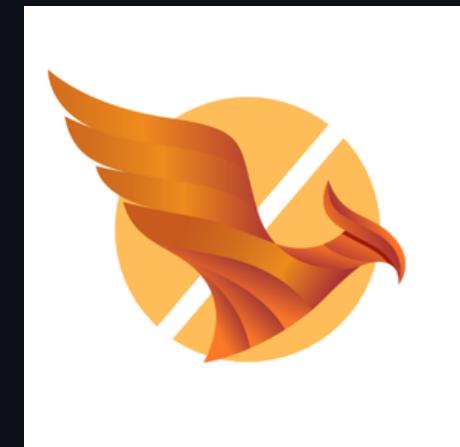
Reserve



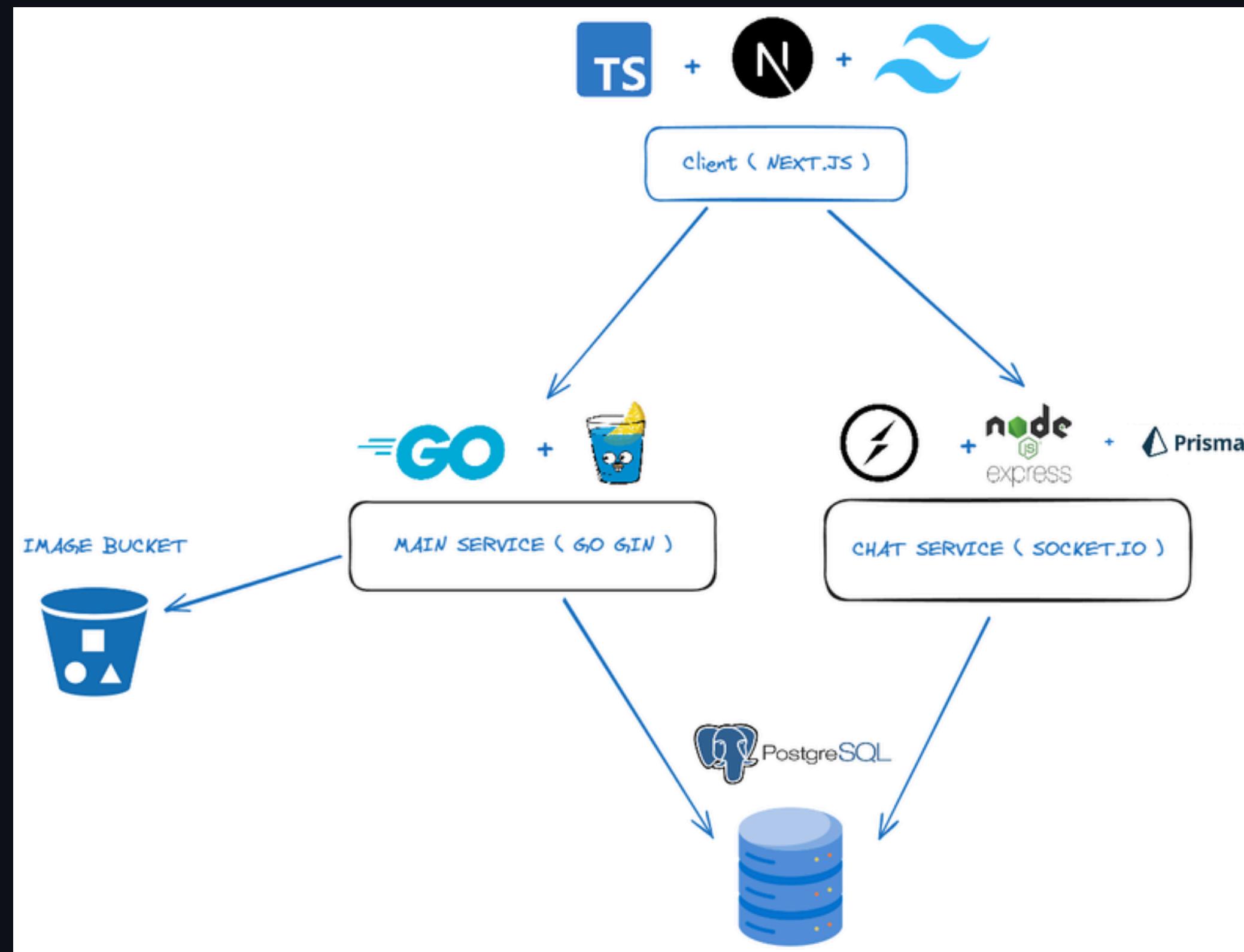
Rating and Comment



Chating



#Reserve Restaurant by TABLETIME



Testing Plan (1/4)

Testing Plan

Title : TableTime, a system that enables users to rate and comment to restaurants. It also facilitates communication through text messages between customers and restaurants.

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Date : 30 / 04 / 2024

Testing Plan (2/4)

Input equivalence classes

US1-1: Customer Rating the Restaurant		
EC1:	Customer rates the restaurant while online	Valid
EC2:	Customer rates the restaurant while offline	Invalid
US1-2: Customer Commenting the Restaurant		
EC3:	Customer comments the restaurant while online	Valid
EC4:	Customer comments the restaurant while offline	Invalid
US1-3: Customer Viewing Rating and Comment		
EC5:	Customer view rating and comment which the restaurant's rating and comment record exist	Valid
EC6:	Customer view rating and comment which the restaurant's rating and comment record don't exist	Invalid
US1-4: Restaurant Viewing Own Rating and Comment		
EC7:	Restaurants view their rating and comment which the restaurant's rating and comment record exist	Valid
EC8:	Restaurants view their rating and comment which the restaurant's rating and comment record don't exist	Invalid

Testing Plan (2/4)

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Testing Plan (3/4)

US2-1: Customer Sending Text Messages to Restaurant		
EC9:	Customer sends text messages to the restaurant after the matching request is accepted	Valid
EC10:	Customer attempts to send text messages to the restaurant without the matching request being accepted	Invalid
US2-2: Restaurant Sending Text Messages to Customer		
EC11:	Restaurant sends text messages to the customer after the matching request is accepted	Valid
EC12:	Restaurant attempts to send text messages to the customer without the matching request being accepted	Invalid
US2-3: Customer Viewing Past Messages in Chat Room		
EC13:	System stores messages in the database	Valid
EC14:	System does not store messages in the database	Invalid
US2-4: Restaurant Viewing Past Messages in Chat Room		
EC15:	System stores messages in the database	Valid
EC16:	System does not store messages in the database	Invalid

Testing Plan (3/4)

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EC10:	Customer attempts to send text messages to the restaurant without the matching request being accepted	Invalid
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US2-4: Restaurant Viewing Past Messages in Chat Room		
EC15:	System stores messages in the database	Valid
EC16:	System does not store messages in the database	Invalid

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EC16:	System does not store messages in the database	Invalid

Testing Plan (4/4)

Test Coverage Matrix

User Story ID	Test Cases ID	Status
US1-1	TC1, TC2	P, P
US1-2	TC3, TC4	P, P
US1-3	TC5, TC6	P, P
US1-4	TC7, TC8	P, P
US2-1	TC9, TC10	P, P
US2-2	TC11 , TC12	P, P
US2-3	TC13, TC14	P, P
US2-4	TC15, TC16	P, P

Docker compose file

```
version: '3.8'

services:
  nextjs:
    container_name: nextjs
    build: ./path/to/nextjs
    ports:
      - "3000:3000"
    environment:
      - NEXTAUTH_URL=http://localhost:3000/
      - NEXTAUTH_SECRET=Y3W6xJbeVZuczNEAZaaTshtmZ84hPGQC8y/Rpq8KKQA=
      - NEXTAUTH_INTERNAL_URL=http://localhost:3000/
      - NEXT_PUBLIC_SOCKET_URL=http://localhost:6969/
      - NEXT_PUBLIC_BACKEND_URL=http://localhost:8080/
```

Next JS container

Docker compose file

```
nodejs:  
  container_name: nodejs  
  build: ./path/to/nodejs  
  ports:  
    - "6969:6969"  
  environment:  
    - PORT=6969  
    - DB_CONN=postgresql://punchanabu:G3FhBSx6ufDXaep-jolly-union  
    - JWT_SECRET=gay
```

Node JS (Chat) container

Docker compose file

```
golang:
  container_name: golang
  build: ./path/to/golang
  ports:
    - "8080:8080"
  environment:
    - BUCKET_ACCESS_KEY=HCUMLB30J0WSP8I0Y5QU
    - BUCKET_ENDPOINT=s3.inspace.cloud
    - BUCKET_REGION=us-east-1
    - BUCKET_SECRET_ACCESS_KEY=ITJ4f67nqe4Q37AXj7hD6jMd8w4qdBPMyUxlxcKO
    - DB_CONN=postgresql://punchanabu:G3FhBSx6ufDX@ep-jolly-union-17203829-
    - PORT=8080
    - JWT_SECRET=gay
```

GO lang container

Git Contribution - Frontend

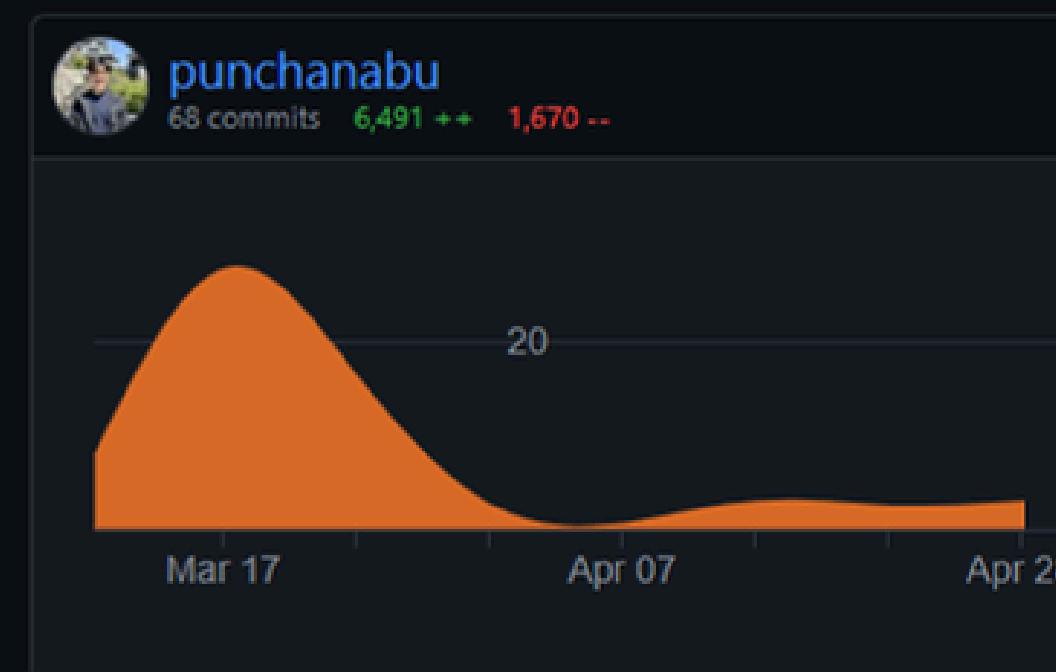
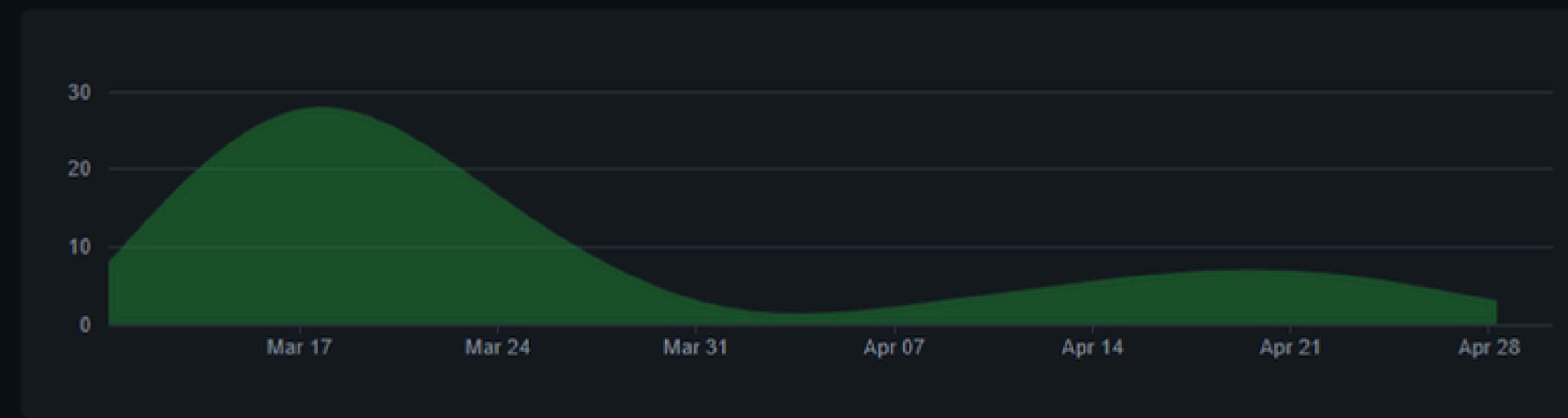


Git Contribution - Backend (Comment & Rating)

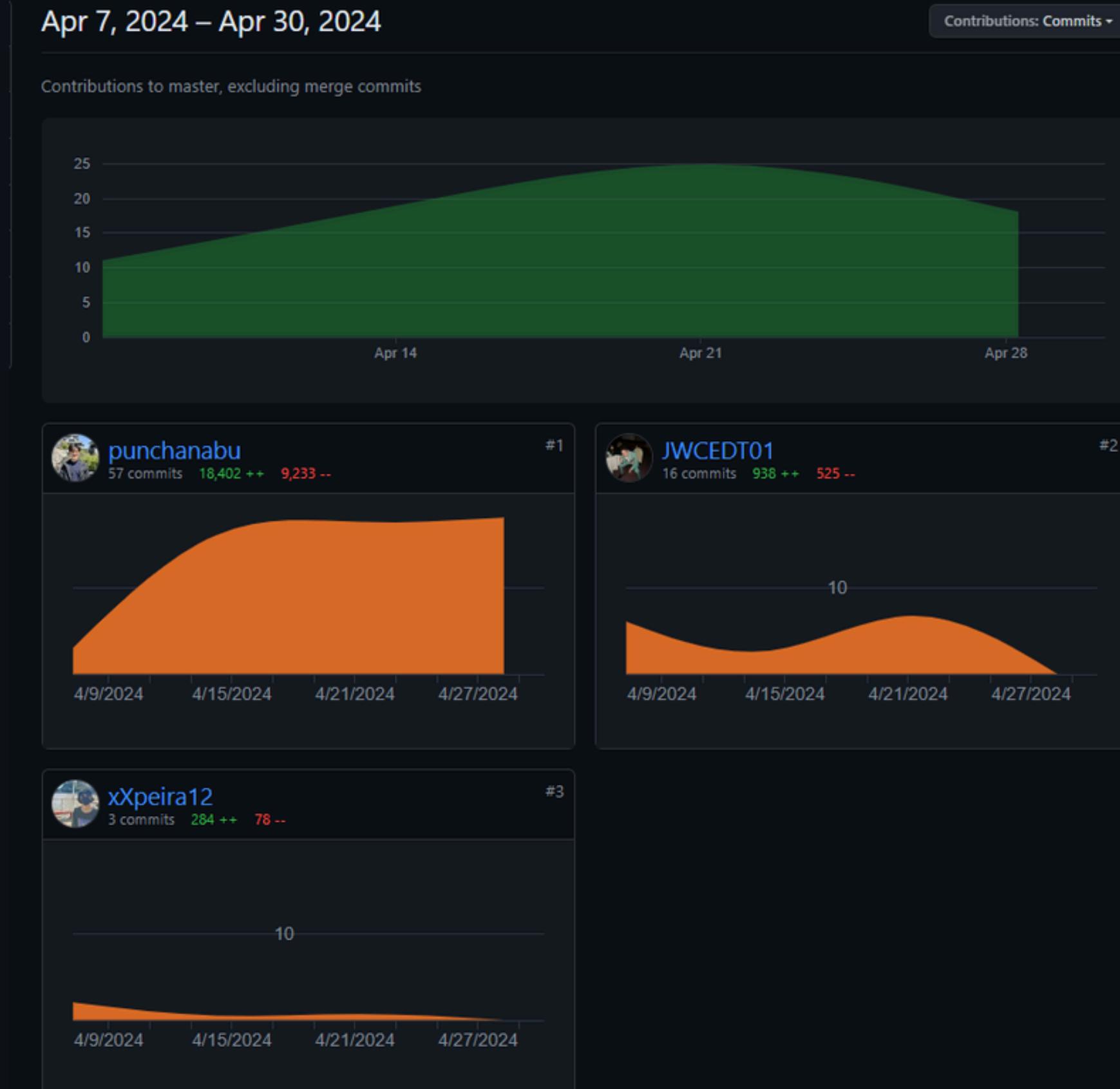
Mar 10, 2024 – Apr 30, 2024

Contributions: Commits ▾

Contributions to main, excluding merge commits



Git Contribution - Backend (Chat)



Our Web Application



<https://redrice-frontend.vercel.app/>



TABLETIME

--- Enjoy your food Enjoy your Life ---

Appendix

Testing Plan

Test Case ID:

TC1|

Input(s):

rating = 5

internet = online

Expected Output(s): Valid: System displays the given rating on the screen and records it in the restaurant's rating record

Classes Covered: EC1

Test Case ID:

TC2

Input(s):

rating = 5

internet = offline

Expected Output(s): Invalid: System displays an error message indicating that the rating is invalid and does not record the rating in the restaurant's rating record

Classes Covered: EC2

Test Case ID:

TC3

Input(s):

comment = "The pasta is so sour."

internet = online

Expected Output(s): Valid: System displays the given comment on the screen and records it in the restaurant's comment record

Classes Covered: EC3

Testing Plan

Test Case ID:

TC4

Input(s):

comment = "The pasta is so sour."

internet = offline

Expected Output(s): Invalid: System displays an error message indicating that the comment is invalid and does not record the comment in the restaurant's comment record

Classes Covered: EC4

Test Case ID:

TC5

Input(s):

Existing Rating and Comment Record

Expected Output(s): Valid: System displays the existing rating and comment of the restaurant on the screen

Classes Covered: EC5

Test Case ID:

TC6

Input(s):

Non-Existing Rating and Comment Record

Expected Output(s): Invalid: System displays a message indicating that there are no ratings or comments available for the restaurant

Classes Covered: EC6

Testing Plan

Test Case ID:

TC7

Input(s):

Existing Rating and Comment Record

Expected Output(s): Valid: System displays the existing rating and comment of the restaurant on the screen

Classes Covered: EC7

Test Case ID:

TC8

Input(s):

Non-Existing Rating and Comment Record

Expected Output(s): Invalid: System displays a message indicating that there are no ratings or comments available for the restaurant

Classes Covered: EC8

Test Case ID:

TC9

Input(s):

Matching Request Accepted

Customer sends valid text messages to the restaurant

Expected Output(s): Valid: System sends notifications to the restaurant and displays messages on the restaurant's device

Classes Covered: EC9

Testing Plan

Test Case ID:	TC10
Input(s):	Matching Request Not Accepted Customer sends text messages to the restaurant
Expected Output(s):	Invalid: System does not send notifications to the restaurant and displays an error message indicating that the restaurant is not available for communication
Classes Covered:	EC10
 Test Case ID:	TC11
Input(s):	Matching Request Accepted Restaurant sends valid text messages to the customer
Expected Output(s):	Valid: System sends notifications to the customer and displays messages on the customer's device
Classes Covered:	EC11
 Test Case ID:	TC12
Input(s):	Matching Request Not Accepted Restaurant sends text messages to the customer
Expected Output(s):	Invalid: System does not send notifications to the customer and displays an error message indicating that the communication cannot be initiated because the matching request has not been accepted
Classes Covered:	EC12
 Test Case ID:	TC13
Input(s):	Messages Stored in Database Customer enters the chatting room
Expected Output(s):	Valid: System shows all past messages in the chatting room ordered by sending time
Classes Covered:	EC13

Testing Plan

Test Case ID:

TC14

Input(s):

No Messages Stored in Database

Customer enters the chatting room

Expected Output(s): Invalid: System does not show any past messages and displays a message indicating that there are no past messages available

Classes Covered: EC14

Test Case ID:

TC15

Input(s):

Messages Stored in Database

Restaurant enters the chatting room

Expected Output(s): Valid: System shows all past messages in the chatting room ordered by sending time

Classes Covered: EC15

Test Case ID:

TC16

Input(s):

No Messages Stored in Database

Restaurant enters the chatting room

Expected Output(s): Invalid: System does not show any past messages and displays a message indicating that there are no past messages available

Classes Covered: EC16

#Reserve Restaurant by TABLETIME

Red Rice

Management Reservation Restaurant  

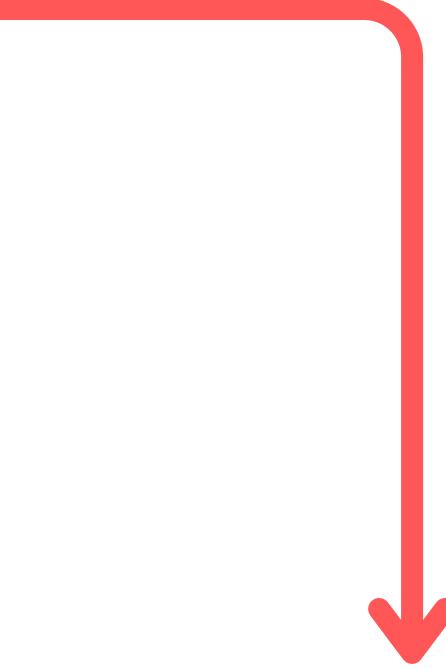
Choose Restaurant 


Pizza
12:18-15:20
   


กาแฟของปัน
23:37-00:37
   


Krispy Kreme
12:12-16:16
   


Takoyaki
13:13-18:18
   



Your Reservation

1  5 Tables 20:40   

Introduction

Functionality from Backend

- The system shall allow a user to register by specifying the name, telephone number, email, and password.
- After registration, the user becomes a registered user, and the system shall allow the user to log in to use the system by specifying the email and password. The system shall allow a registered user to log out.
- After login, the system shall allow the registered user to reserve up to 3 tables by specifying the date and the preferred restaurant. The restaurant list is also provided to the user. A restaurant information includes the name, address, telephone number, and open-close time.
- The system shall allow the registered user to view his/her restaurant reservation.
- The system shall allow the registered user to edit his/her restaurant reservation.
- The system shall allow the registered user to delete his/her restaurant reservation.
- The system shall allow the admin to view any restaurant reservation.
- The system shall allow the admin to edit any restaurant reservation.
- The system shall allow the admin to delete any restaurant reservation.

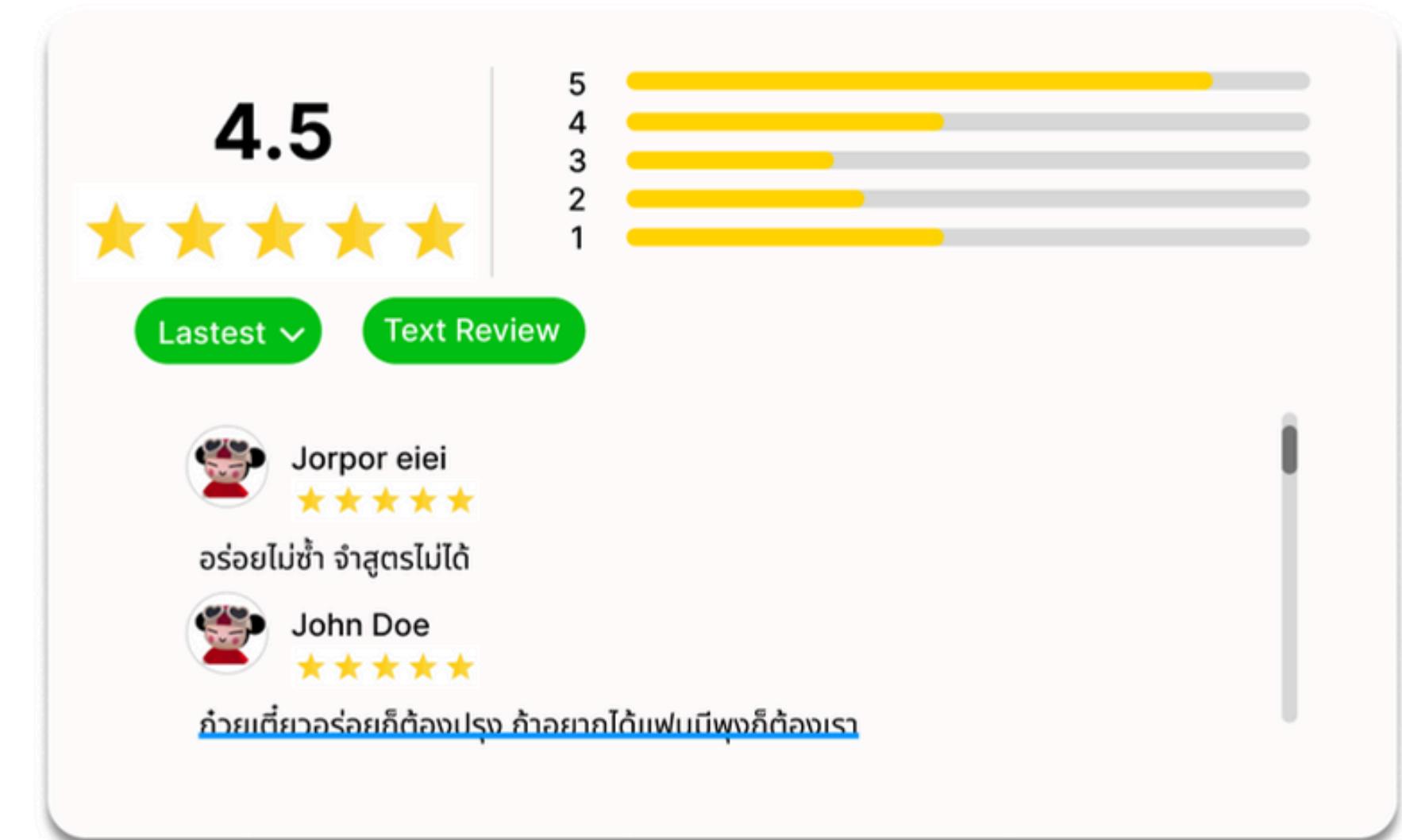
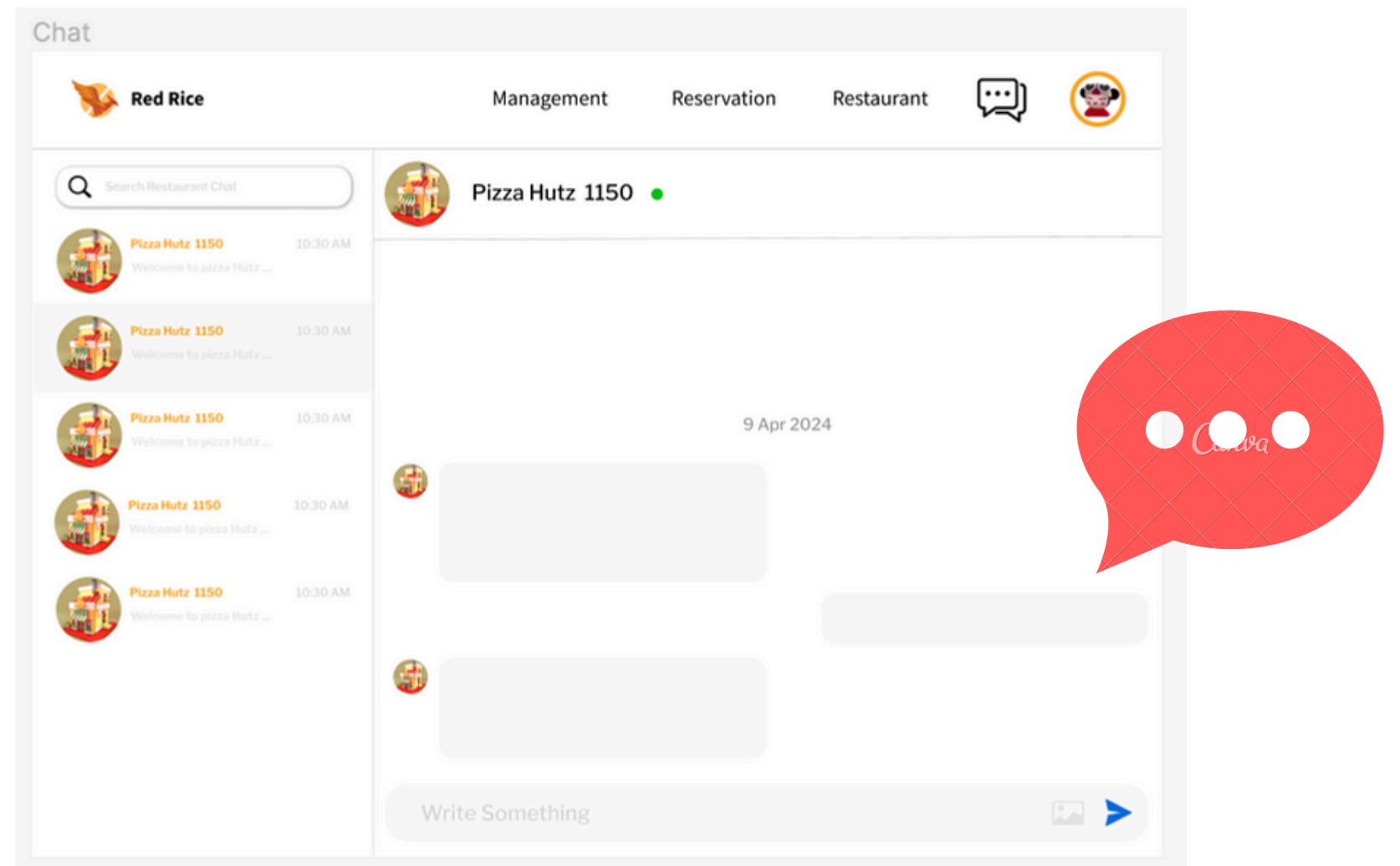
Frontend Part for Restaurant Reservation Backend with:

- Storefront to display available restaurants and related information
- User Management Section (and sub-sections if required)
- Log-in / Log-out functionality
- Reservation Management Section (and sub-sections if required)

Additional Requirement

- Chat ระหว่าง user กับ restaurant มีการเก็บ history และส่งรูปหากันได้

- ระบบ Comment และ rating ที่จะให้ user rate และ comment ร้านอาหาร และ user สามารถดู rating และ comment ร้านอาหารได้ และ ร้านอาหารเองสามารถดู rating and comment ของตัวเองได้ด้วย



Product Backlog

Epic 1: Rating system



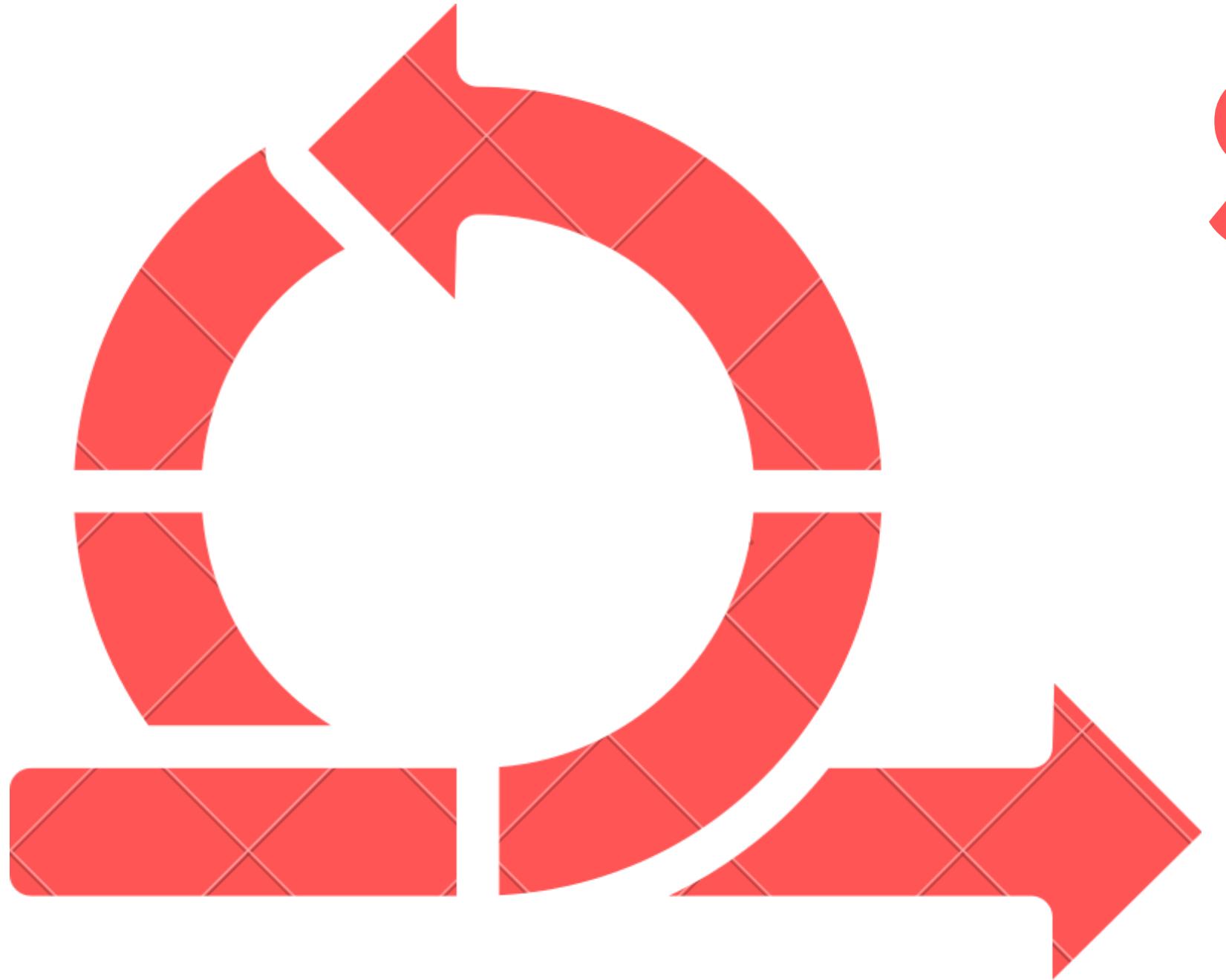
EPIC 1	Rating system	US1-1	As a customer I want to rate the restaurant so that I can feedback and share my feeling about service	Given that the rating is valid When the customer add rating for the restaurant Then display the rating that the customer has given on screen And record the rating to the restaurant's rating record	Given the rating is valid When the customer add rating for the restaurant Then the rating should be in between 0 - 5 stars	3
			As a restaurant I want to comment the restaurant so that I can feedback and share my feeling about service	Given that the comment is valid When the customer add comment for the restaurant Then display the comment that the customer has given on screen And record the comment to the restaurant's comment record	Given that the rating is valid but the comment is too long When the customer add comments for restaurant Then the screen should alert that the comments inputted is too long	
			As a customer I want to see rating and comment of restaurant so that I can use it for choosing restaurant	Given the restaurant's rating and comment record is exist When the users requests to see rating and the comment Then display rating and comment of the restaurant on their screen	Given the restaurant's rating and comment record is exist When the users requests to see rating and the comment Then it should only show 5 comments per page [pagination]	
		US1-4	As a restaurant I want to see my rating and comment so that I can monitor customer satisfaction and improve my service	Given the restaurant's rating and comment record is exist When the restaurant requests to see rating and comment of themselves Then display rating and comment of the restaurant on screen	Given the rating and comment exist but restaurant's account is not logged in rating and comment of themselves Then it should navigate you back to login page for authentication	3

Product Backlog

Epic 2 : Chatting system



EPIC 2	Chatting system	US2-1	As a customer I want to send text messages to restaurant so that I can communicate with the restaurant	Given the restaurant accepted matching request When the customer send text messages to the restaurant Then ensure the system send notifications to the restaurant And the messages are displayed on the screen.	Given the restaurant accepted matching request When the customer send text message to the restaurant with the server or your internet please try again	55
			As a restaurant I want to send text messages to customer so that I can communicate with the customer	Given the restaurant accepted matching request When the restaurant send text messages to the customer Then ensure the system send notifications to the customer And the messages are displayed on the screen.	Given the customer accepted matching request When the restaurant send text message to the customer with the server or your internet please try again.	
		US2-3	As a customer I want to see past messages in my chats	Given the system store messages in the databases When the patient enter the chatting room Then ensure the system show all messages in the chatting room ordered by sending time.	Given the system store messages in the databases When the customer enter the chatting room Then ensure that the stored message is encrypted for privacy	8
			As a restaurant I want to see past messages in my chats so that I can look back at consultations I have given	Given the system store messages in the databases When the restaurant enter the chatting room Then ensure the system show all messages in the chatting room ordered by sending time.	Given the system store messages in the databases When the restaurant enter the chatting room Then ensure that the stored message is encrypted for privacy	
		US2-5	As a customer I want to send images to restaurant so that I can communicate with the restaurant	Given the restaurant accepted matching request When the customer send images to the restaurant Then ensure the system send notification to the restaurant And the images are displayed on the screen.	Given the restaurant accepted the matching request When the customers send images to the restaurant for the sending images and their previews	13
			As a restaurant I want to send images to customer so that I can communicate with the customer	Given the restaurant accepted matching request When the restaurant send images to the customer Then ensure the system send notification to the customer And the images are displayed on the screen.	Given the customers accepted the matching request When the restaurant send images to the customer for the sending images and their previews	



Sprint 1