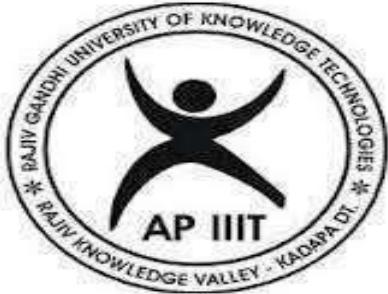


“Tastey Fudo”
BACHELOR OF TECHNOLOGY
in
COMPUTER SCIENCE AND ENGINEERING



RGUKT
Rajiv Gandhi University of Knowledge Technologies
R.K.VALLEY

Submitted by
N Venkata Raju ---R171148

the Esteemed guidance of Mr. Satya
Nandaram N RGUKT RK Valley.

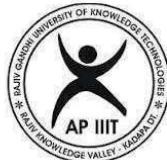
DECLARATION

I am here by declare that the report of the B.Tech major Project Work entitled "Tastey Fudo" which is being submitted to Rajiv Gandhi University of Knowledge Technologies, RK Valley, in partial fulfilment of the requirements for the award of Degree of Bachelor of Technology in Computer Science and Engineering, is a bonafide report of the work carried out by Me. The material contained in this report has not been submitted to any university or institution for award of any degree

N Venkataraju -- R171148

Dept. Of Computer Science and Engineering.

RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES



RGUKT
(A.P.Government Act 18 of 2008)
RGUKT, RK VALLEY
Department of Computer Science and Engineering

CERTIFICATE FOR PROJECT COMPLETION

This is certify that the project entitled "Tastey Fudo" submitted by N Venkataraju(R171148) under our guidance and supervision for the partial fulfillment for the degree Bachelor of Technology in Computer Science and Engineering during the academic semester-2 2022-2023 at RGUKT, RK VALLEY. To the bestof my knowledge the results embodied in this dissertation work have not been submitted to any University or Institute for the award of any degree or diploma.

Project Internal Guide
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Head of the Department
Mr. N. Sathya Nandaram
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Abstract

Tastey fudo is a Online Restaurant Application For buying food through Internet .This is the product can be used for online restaurants like Zomato and Swiggy. It is a web application so no need of installation anyone can be used if they have the internet connection. Fudo the Tastey provides all different kinds of foods like pizza, burgers, breads etc.

Users can add food items to the cart. Users can add any no of same food and different kinds of food. All these details will be stored and restaurant will get it and process them. Users able to Register their name, email and password when they are visiting first time. If user already has account then they can login by providing their username and password.

Users able to filter the products based on their name and category. Users can contact customer support. Users able to see ratings of the product and when they are viewing full food images their relevant items also will be display below the product.

Index

1. Abstraction	4
2. Introduction	6
2.1 Purpose	6
2.2 Intended Audience	6
2.3 Product Vision	6
2.4 Technologies	6
3. VS Code	7
4. Creating Project	10
5. ReactJS	12
6. Nodejs	13
7. Express	13
8. MongoDB	14
8.1 Connecting Frontend to backend	16
9. System in Context	17
9.1 Context Diagram	17
10. System-Wide Requirements	18
11. Function Requirements	19
11.1 Use Case Diagram	19
12. ER Diagram	20
13. App Interface	25
14. Conclusion	29

15. Future Enhancements	30
16. References	31

Converse SRS Document

Introduction:

This document has the requirements of Online Restaurant. The Tastey Fudo is used to Get the customer from internet and Users able to order food online from home.

1.1: Purpose

The purpose of this document is to gather the requirements that are needed for implementing the Tastey Fudo. It also focuses on various key features, the product, product vision and scope, product overview. The main purpose of Tastey fudo is to provide a platform to the restaurants to serve their food to The customers

1.2:Intended Audience:

The intended audience will be the users who don't have time to cook and order food online And the restaurants to serve food through Internet.

Users:Customers
Restaurant managers

Product Vision:

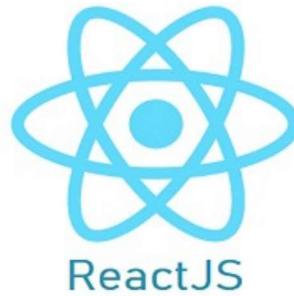
The product vision is to develop the Communication between the customers and restaurants which Is Helpful to the both. Customers can get food from their home and restaurants serves it.

Technologies:

- ReactJS
- NodeJS
- MongoDB
- ExpressJS

ReactJS tutorial provides basic and advanced concepts of ReactJS. Currently, ReactJS is one of the most popular JavaScript front-end libraries which has a strong foundation and a large community.

ReactJS is a **declarative**, **efficient**, and **flexible JavaScript library** for building reusable UI components. It is an open-source, component-based front end library which is responsible only for the view layer of the application. It was initially developed and maintained by Facebook and later used in its products like WhatsApp & Instagram.



Our ReactJS tutorial includes all the topics which help to learn ReactJS. These are ReactJS Introduction, ReactJS Features, ReactJS Installation, Pros and Cons of ReactJS, ReactJS JSX, ReactJS Components, ReactJS State, ReactJS Props, ReactJS Forms, ReactJS Events, ReactJS Animation and many more.

Why we use ReactJS?

The main objective of ReactJS is to develop User Interfaces (UI) that improves the speed of the apps. It uses virtual DOM (JavaScript object), which improves the performance of the app. The JavaScript virtual DOM is faster than the regular DOM. We can use ReactJS on the client and server-side as well as with other frameworks. It uses component and data patterns that improve readability and helps to maintain larger apps.

Express.js tutorial provides basic and advanced concepts of Express.js. Our Express.js tutorial is designed for beginners and professionals both.

Express.js is a web framework for Node.js. It is a fast, robust and asynchronous in nature.

Our Express.js tutorial includes all topics of Express.js such as Express.js installation on windows and linux, request object, response object, get method, post method, cookie management, scaffolding, file upload, template etc.

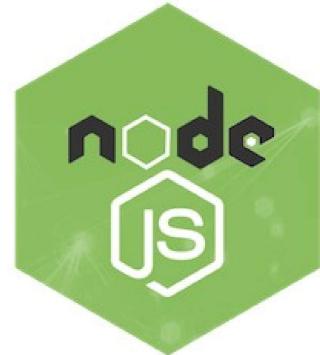
What is Express.js

Express is a fast, assertive, essential and moderate web framework of Node.js. You can assume express as a layer built on the top of the Node.js that helps manage a server and routes. It provides a robust set of features to develop web and mobile applications.

Node.js tutorial provides basic and advanced concepts of Node.js. Our Node.js tutorial is designed for beginners and professionals both.

Node.js is a cross-platform environment and library for running JavaScript applications which is used to create networking and server-side applications.

Our Node.js tutorial includes all topics of Node.js such as Node.js installation on windows and linux, REPL, package manager, callbacks, event loop, os, path, query string, cryptography, debugger, URL, DNS, Net, UDP, process, child processes, buffers, streams, file systems, global objects, web modules etc. There are also given Node.js interview questions to help you better understand the Node.js technology.



What is Node.js

Node.js is a cross-platform runtime environment and library for running JavaScript applications outside the browser. It is used for creating server-side and networking web applications. It is open source and free to use. It can be downloaded from this link <https://nodejs.org/en/>

MongoDB tutorial provides basic and advanced concepts of SQL. Our MongoDB tutorial is designed for beginners and professionals.

MongoDB is a No SQL database. It is an open-source, cross-platform, document-oriented database written in C++.

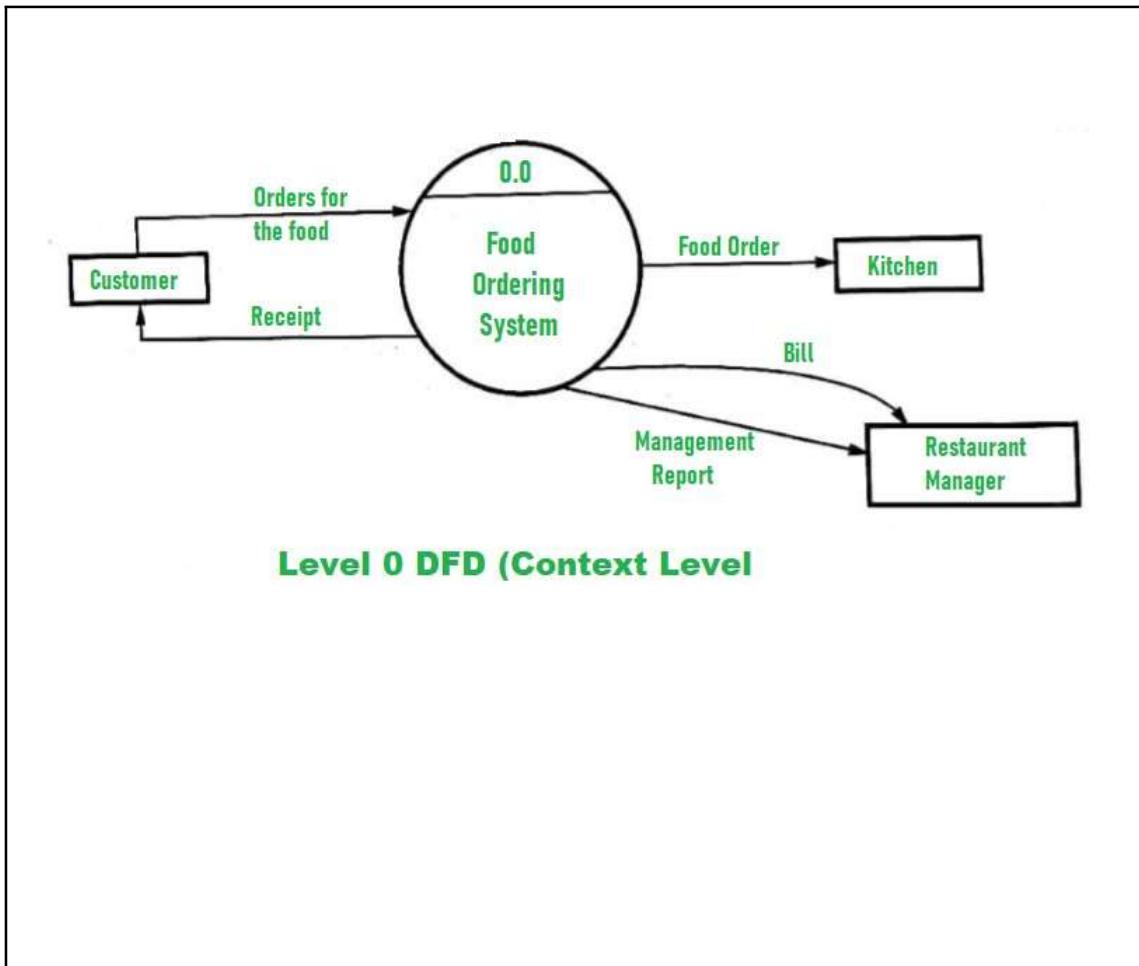
Our MongoDB tutorial includes all topics of MongoDB database such as insert documents, update documents, delete documents, query documents, projection, sort() and limit() methods, create a collection, drop collection, etc. There are also given MongoDB interview questions to help you better understand the MongoDB database.



System in Context:

The Tastey Fudo provide the users to Order food online for their friends and Family members and they can order from anywhere. App Provides the Users different Kinds of food items. Users can Login With Email and Password. Authentication is Provided To the users.

Context Diagram:



System-wide Requirements(Received):

Actors:

The system interacts with Two users. Each user has its own functions to access with the system. The functionalities of users are dependent on each other.

Events:

Tastey fudo is a multiuser system which provides user to order food online

The most critical events are:

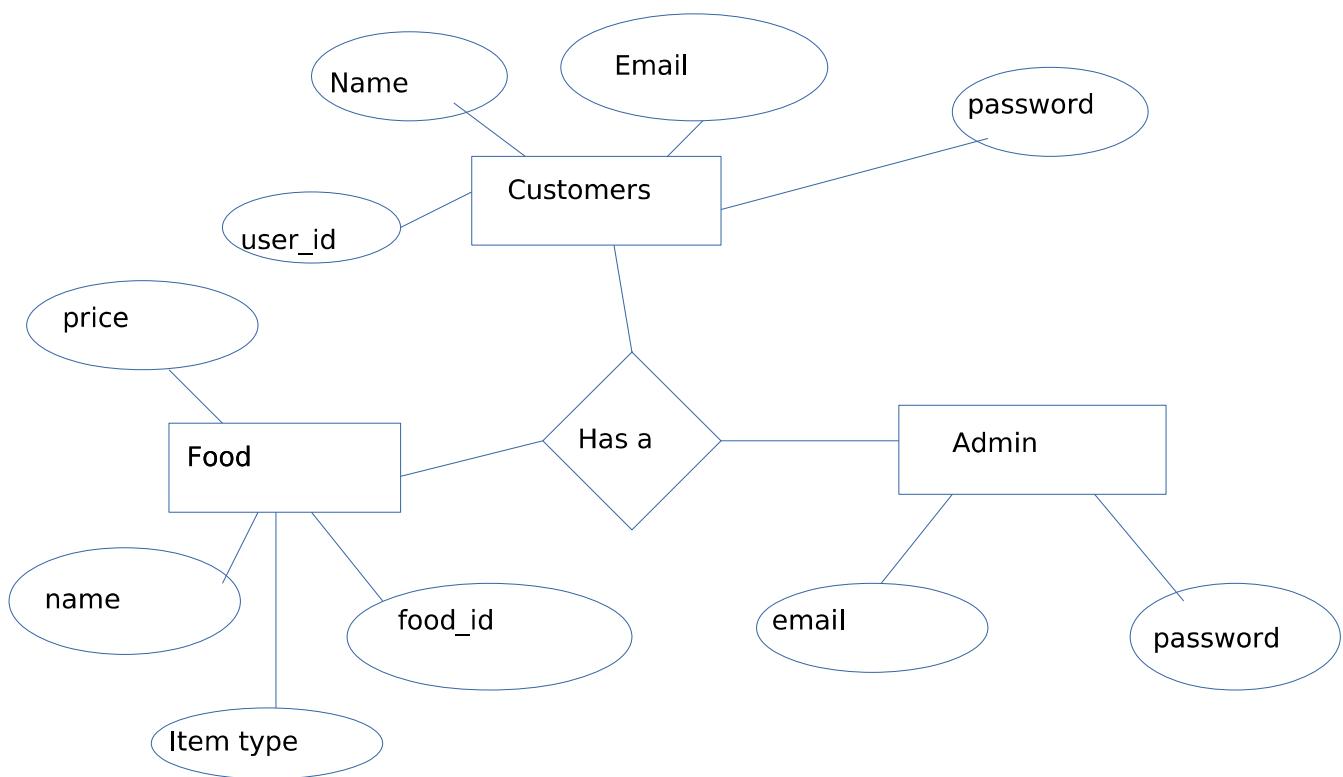
1. Gets register first using the Name,Email address,Password.
2. Users login using the email and password and can select any food item.
3. After select they can add to cart and order them
4. one user can increase no of same food item
5. User can contact to the customer service which are written in contact information

The below table provides a set of user visible events that define the functionalities that are in Tastey fudo.

	Actor	Action	Object	Frequency	Arrival Pattern	Response
1.	User	onclick	Signup	1/day	Episodic	It asks Name, Email address,create password
2.	User	Onlick	Login	1/day	Episodic	It ask email address and password
3.	User	select	Food item	1/day	Episodic	It show All foods

4.	User	onclick	Food details	1/day	Episodic	It show the all Food details
5.	User	onclick	Recomen dation	1/day	Episodic	It recommends the Related foods
6.	User	onclick	Cart	1/day	Episodic	User can add items To the cart
7.	User	onclick	Search filter	1/day	Episodic	It shows search food items
8.	User	onclick	Contact information	1/day	Episodic	User can contact to The restaurant
9.	User	onclick	Select Multiple items	1/day	Episodic	User can select Multiple food items
10.	User	onclick	Logout	1/day	Episodic	After onclick logout user logout from page and reach to homeScreen.

ER Diagram:



The screenshot shows the React.js documentation website. At the top, there's a dark header bar with the React logo, navigation links for Docs, Tutorial, Blog, and Community, a search bar, and version information (v18.2.0). Below the header, a large section titled "Getting Started" is displayed. A red callout box contains the text: "These docs are old and won't be updated. Go to react.dev for the new React docs. The new Quick Start teaches modern React and includes live examples." To the right of this section is a sidebar with a tree-like navigation menu. The menu items include: INSTALLATION (Getting Started, Add React to a Website, Create a New React App, CDN Links, Release Channels), MAIN CONCEPTS, ADVANCED GUIDES, API REFERENCE, HOOKS, and TESTING.

The screenshot shows the MongoDB homepage. At the top, there's a navigation bar with the MongoDB logo, links for Products, Solutions, Resources, Company, and Pricing, a search bar, and a "Sign In" button. Below the navigation, a large section features the text "Build the next big thing" and a subtext about being a developer data platform. It includes a "Start Free" button and a "Documentation" link. To the right, there's a large image of a computer screen displaying a terminal window connected to a MongoDB cluster. The terminal shows commands like "Connecting to: mongodb+srv://cluster0.ab123... Using MongoDB: 6.0". On the right side of the terminal window, there's a sidebar with links for various programming languages: C, C++, C#, Go, Java, Node.js, PHP, Python, Ruby, and Rust. A "Contact Us" button is also visible.

The screenshot shows the Node.js Documentation website. At the top, there's a navigation bar with links for HOME, ABOUT, DOWNLOADS, DOCS, GET INVOLVED, SECURITY, CERTIFICATION, and NEWS. On the far right of the bar are icons for GitHub and a pull request. Below the navigation bar, a green header bar contains the word "Docs". To its right, the title "About documentation" is displayed. On the left side of the main content area, there's a sidebar with links for "ES6 and beyond", "v18.16.0 API LTS", "v20.0.0 API", "Guides", and "Dependencies". The main content area starts with a paragraph stating: "There are several types of documentation available on this website:" followed by a bulleted list: "• API reference documentation", "• ES6 features", and "• Guides".

About documentation

There are several types of documentation available on this website:

- API reference documentation
- ES6 features
- Guides

API reference documentation

The API reference documentation provides detailed information about a function or object in Node.js. This documentation indicates what arguments a method accepts, the return value of that method, and what errors may be related to that method. It also indicates which methods are available for different versions of Node.js.

This documentation describes the built-in modules provided by Node.js. It does not document modules provided by the community.

Looking for API docs of previous releases?

The screenshot shows the Express.js Getting Started guide. At the top, there's a black banner with the text "Black Lives Matter." and "Support the Equal Justice Initiative.". Below the banner, the page has a header with the word "Express" and a search bar. To the right of the search bar are links for Home, Getting started (which is bolded), Guide, API reference, Advanced topics, and Resources.

Installing

Assuming you've already installed [Node.js](#), create a directory to hold your application, and make that your working directory.

```
$ mkdir myapp  
$ cd myapp
```

Use the `npm init` command to create a `package.json` file for your application. For more information on how `package.json` works, see [Specifics of npm's package.json handling](#).

```
$ npm init
```

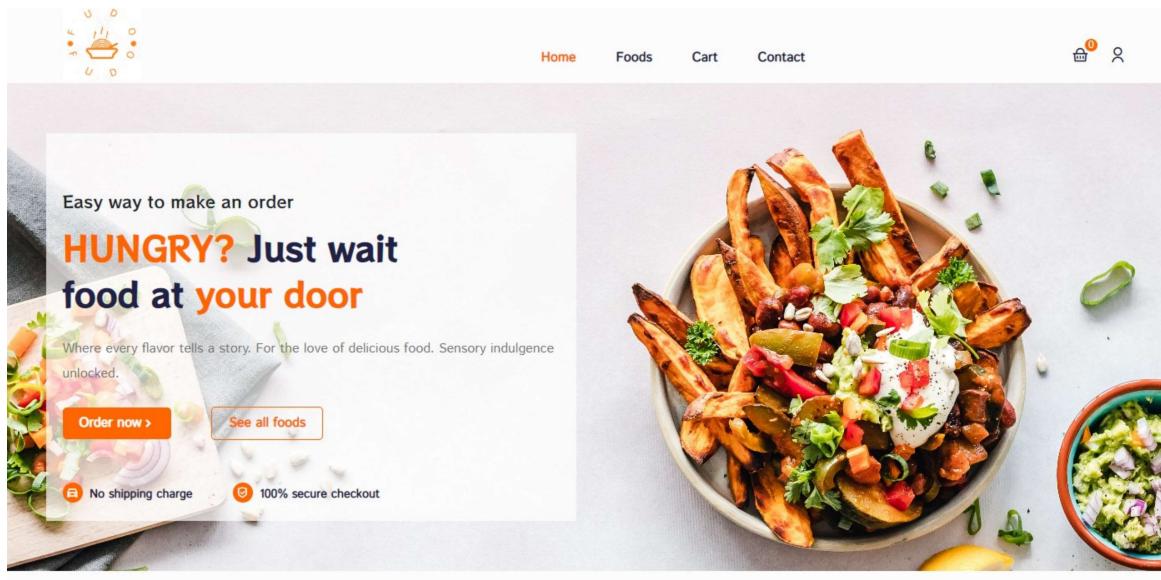
This command prompts you for a number of things, such as the name and version of your application. For now, you can simply hit RETURN to accept the defaults for most of them, with the following exception:

```
entry point: (index.js)
```

Enter `app.js`, or whatever you want the name of the main file to be. If you want it to be `index.js`, hit RETURN to accept the suggested default file name.

Now install Express in the `myapp` directory and save it in the dependencies list. For example:

UI Of Tastey-Fudo



The image shows a services page from the Tastey-Fudo website. The top navigation bar is identical to the home page. Below it, the text "What we serve" is followed by the slogan "Just sit back at home we will take care". Three service cards are displayed below: "Easy Ordering" showing a hand holding a smartphone displaying a food ordering app; "Super Dine In" showing a person holding two plates of food; and "Quick Delivery" showing a delivery person carrying several boxes.



Home Foods Cart Contact



1

Popular Foods

All Burger Pizza Bread



Chicken Burger

₹24

Add to Cart



Vegetarian Pizza

₹115

Add to Cart



Double Cheese Margherita

₹110

Add to Cart



Mexican Green Wave

₹110

Add to Cart



Cheese Burger



Royal Cheese Burger



Seafood Pizza



Thin Cheese Pizza



Home Foods Cart Contact



1



Why Fudo?

○ Fresh and tasty foods

We Serve Fresh and Tasty Foods All over the India.

○ Quality support

We Make sure Customer get High Quality food.

○ Order from any location

Customers Easily Order From Home, or Easily book Table to dine in our Restaurant.

Hot Pizza



Vegetarian Pizza



Double Cheese Margherita



Mexican Green Wave



Seafood Pizza



Home Foods Cart Contact



0



Popular Foods

All Burger Pizza Bread



Chicken Burger

₹24

Add to Cart



Cheese Burger

₹24

Add to Cart



Royal Cheese Burger

₹26

Add to Cart



Classic Hamburger

₹27

Add to Cart



Home Foods Cart Contact



0



Popular Foods

All Burger Pizza Bread



Vegetarian Pizza

₹115

Add to Cart



Double Cheese Margherita

₹110

Add to Cart



Mexican Green Wave

₹110

Add to Cart



Seafood Pizza

₹115

Add to Cart

Your Cart

Image	Product Title	Price	Quantity	Delete
	Double Cheese Margherita	\$110	1px	
	Mexican Green Wave	\$110	1px	
	Chicken Burger	\$24	2px	
	Royal Cheese Burger	\$26	2px	

Subtotal: ₹320

Taxes and shipping will calculate at checkout

[Continue Shopping](#)

[Proceed to checkout](#)



[Home](#) [Foods](#) [Cart](#) [Contact](#)



Hot Pizza



Vegetarian Pizza

₹115

[Add to Cart](#)



Double Cheese Margherita

₹110

[Add to Cart](#)



Mexican Green Wave

₹110

[Add to Cart](#)



Seafood Pizza

₹115

[Add to Cart](#)



Fudo

Online Restaurant For all Varieties of food.

Delivery Time

Sunday - Thursday
8:00am - 11:00pm

Friday - Saturday
10:00am-2PM

Contact

Location: Hyderabad, Gachibowli,
telangana.

Phone: +91 9234781231

Email: support@fudo.com

Newsletter

Subscribe our newsletter

Follow:

Conclusion

The Tastey Fudo Application Provides customers to buy food online from Restaurants so that those who unable to cook food from home those can be use this app. The restaurants will be benifeted through this app.

Future Enhancement

- Users able to pay money through UPI and online payments
- Fast Delivery will be implemented
- AI Chat will be implemented for customer personalized Experience.
- Recomended foods will be displayed

References

<https://legacy.reactjs.org/docs/getting-started.html>

<https://nodejs.org/dist/latest-v18.x/docs/api/>

<https://expressjs.com/>