

Restaurant Menu

Project Overview

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Name of the App

Restaurant Menu

Type of App

Web

Description

This is a website that lists out all the restaurants in the database and allows users to view the menu for each of those restaurants. Users should also be able to create, read, update, and delete restaurants and their menu items

Technologies

- HTML
- CSS
- Javascript
- React
- Material-ui
- NodeJS
- Express
- MongoDB
- Mongoose
- Netlify
- Heroku

Features (MVP)

1. When the user lands on the root of the site, they should see a list of all the restaurants stored in the database.
2. They can click on a specific restaurant that will show the menu for that restaurant.
3. They're able to add new restaurants and edit or delete existing restaurants from the list.
4. On a specific menu page, the user can view the menu for each restaurant.
5. Similarly, they will have the option to add, edit and delete menu items from a specific menu
6. So there will be eight different web pages for the web site

Roadmap

1. Mock-ups: Create mockups for every page in the restaurant menu app, and design URLs for each page as well.
2. Routing: Set up all of the routings for the application, making sure I can navigate to all of the URLs I want to create for the application.
3. Template & Forms: Create all of the templates and forms, and making sure that they are properly functioning within the application
4. CRUD Functionality: Add the back-end functionality, making sure all of the actions on the web page are retrieving data from the database
5. API Endpoints: Add some endpoints that allow the data to be sent if the client requests a menu or specific menu item in JSON form. Test API calls from within the browser
6. Styling and message flashing: Add some styling with CSS, Javascript and a few static images, to give the application an appealing layout. Also incorporate message flashing into the application

Roadmap (future requirements)

1. User can write a review for a restaurant
2. User can like a restaurant
3. User can login and create an account

API Routes:

#	HTTP Verb	Path	Description
1	GET	/restaurants	Show all restaurants
2	POST	/restaurants	Create a new restaurant
3	PUT	/restaurants/:restaurantId	Edit a restaurant
4	DELETE	/restaurants/:restaurantId	Delete a restaurant
5	GET	/restaurants/:restaurantId/menus	Show restaurant menus
6	POST	/restaurants/:restaurantId/menus	Create a new menu item
7	PUT	/restaurants/:restaurantId/menus/:menuId	Edit a menu item

8	DELETE	/restaurants/:restaurantId/menus/:menuId	Delete a menu item
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User Stories

User Story: As user I need a way to see a list of all restaurants, so that I can click on a specific restaurant that will show the menu for that restaurant.

Restaurants

Restaurant Name

EditDelete

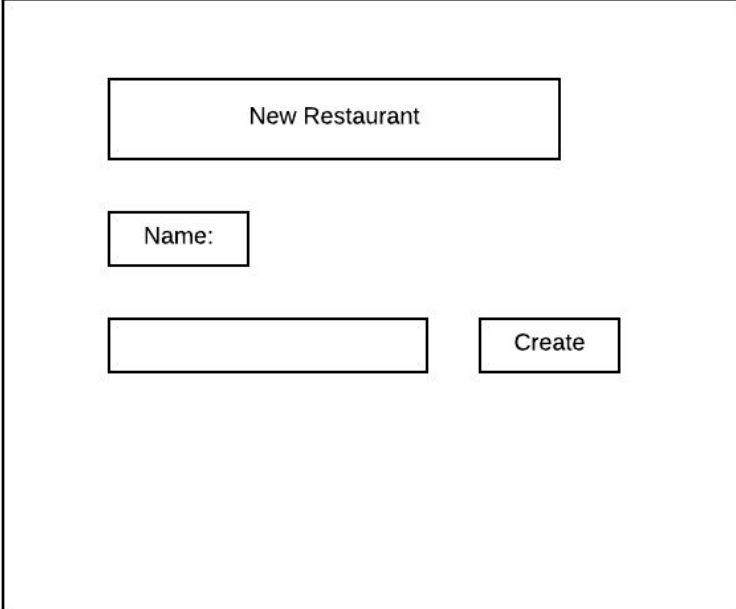
Restaurant Name

EditDelete

Restaurant Name

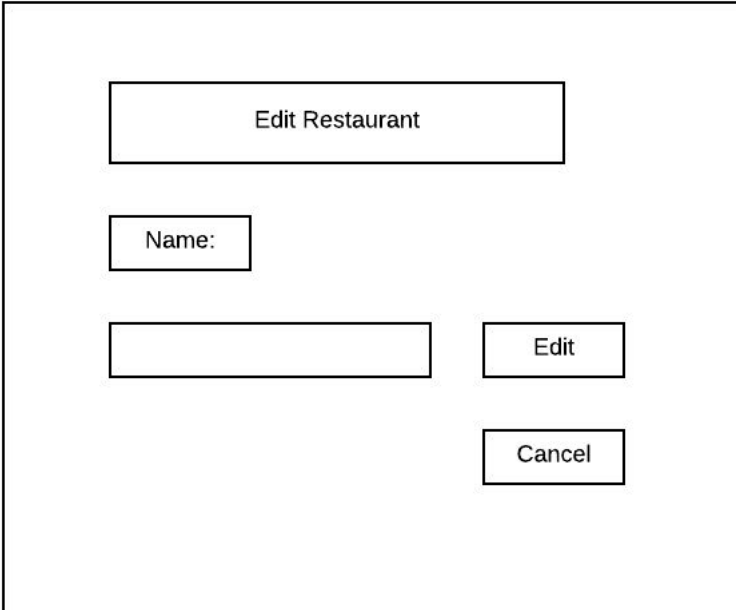
EditDelete

User Story: As user I need a way to able to add new restaurants from the list, so that I can navigate to this page



A wireframe for a 'New Restaurant' form. It is enclosed in a large rectangular container. At the top is a header box labeled 'New Restaurant'. Below this is a label 'Name:' followed by a text input field. At the bottom right is a 'Create' button.

User Story: As user I need a way to able to edit restaurants from the list, so that I can navigate to this page



A wireframe for an 'Edit Restaurant' form. It is enclosed in a large rectangular container. At the top is a header box labeled 'Edit Restaurant'. Below this is a label 'Name:' followed by a text input field. At the bottom right are two buttons: 'Edit' and 'Cancel'.

User Story: As user I need a way to able to delete restaurants from the list, so that I can navigate to this page

Are your sure you want to delete Chillis?

Delete

Cancel

User Story: As user I need a way to able to visit a specific menu page, so that I can view the menu for each restaurant.

Restaurant Name

Create new item

Appetizers

Spinach Dip
creamy dip with fresh spinach
\$1.99
Edit
Delete

Entrees

Cheese Pizza
made with fesh cheese
\$5.99
Edit
Delete

User Story: As user I have the option to add menu items from a specific menu, so that I can navigate to this page

New Menu Item

Name:

Description:

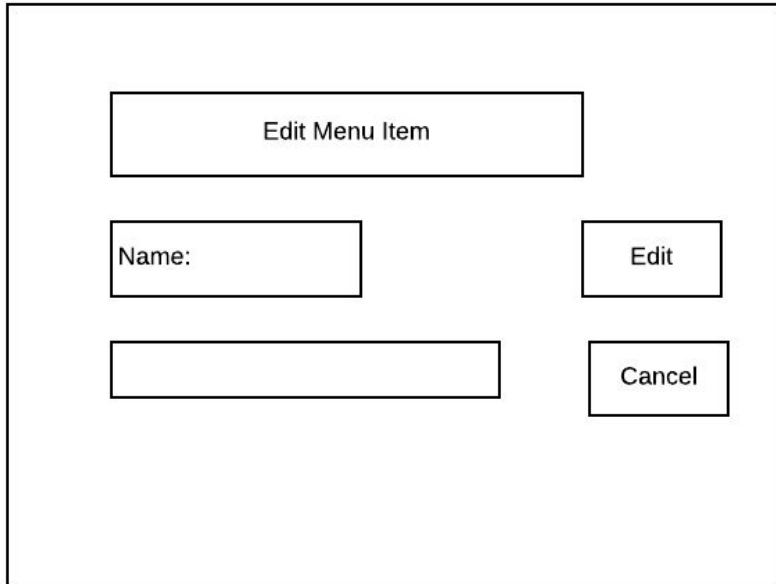
Price:

Course:

Appetizer
Entree
Desert
Beverage

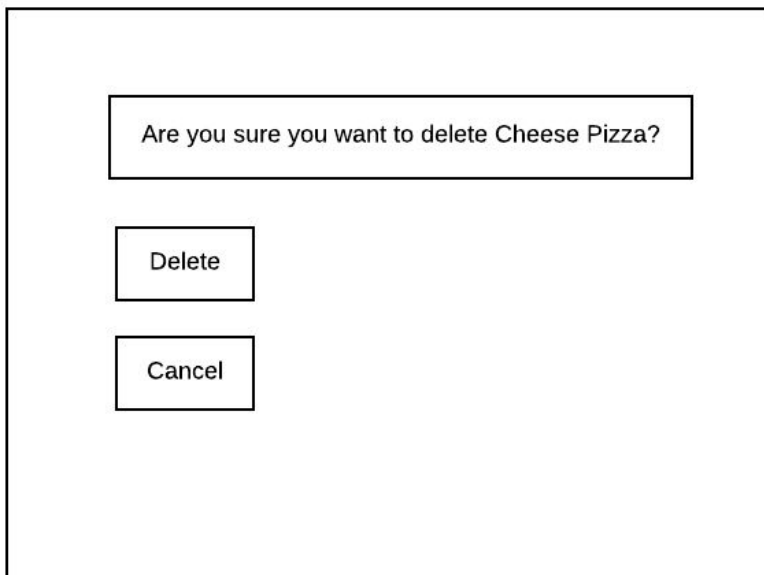
Create

.User Story: As user I have the option to edit menu items from a specific menu, so that I can navigate to this page



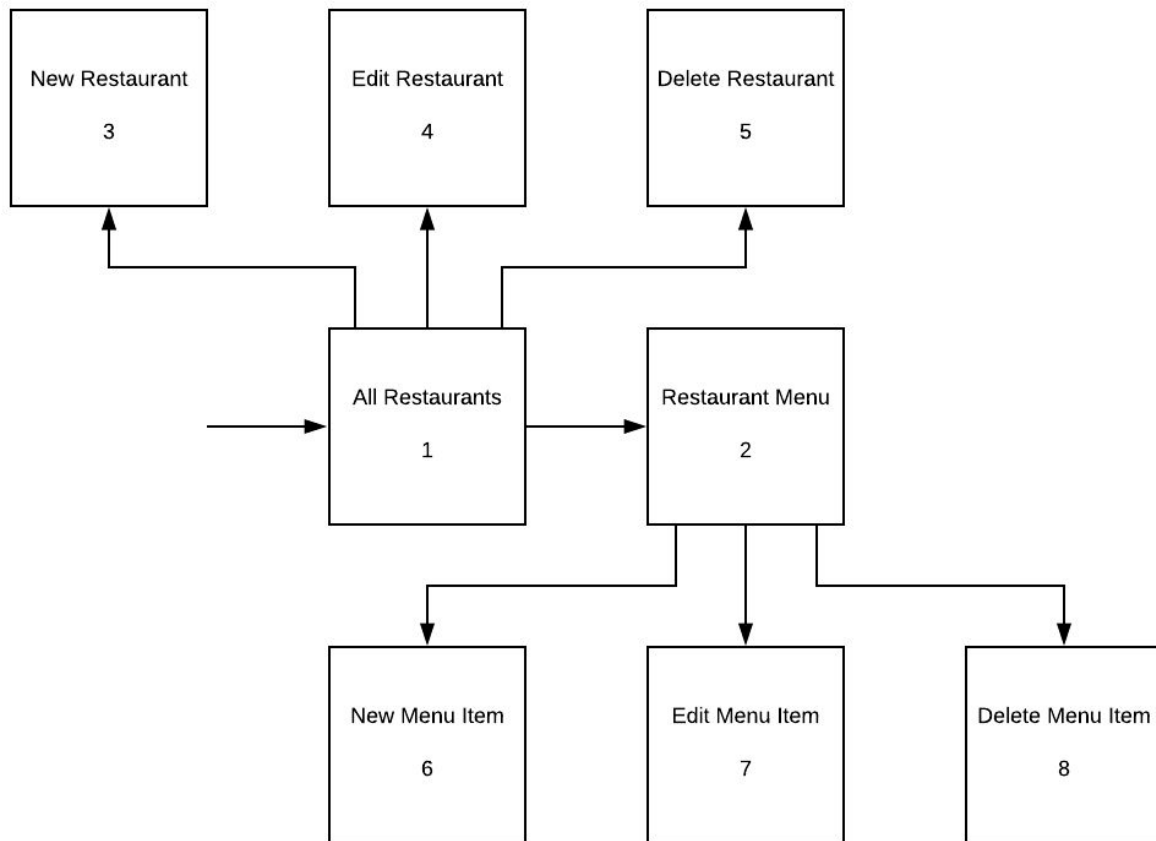
A rectangular form titled "Edit Menu Item" at the top center. Below the title, on the left side, is a label "Name:" followed by a text input field. Below the input field is another empty text input field. On the right side of the form, there are two buttons: "Edit" positioned above "Cancel".

.User Story: As user I have the option to delete menu items from a specific menu, so that I can navigate to this page



A rectangular dialog box with a title bar at the top containing the text "Are you sure you want to delete Cheese Pizza?". Below the title bar, there are two buttons: "Delete" and "Cancel", stacked vertically on the left side of the dialog.

General views



Additional Technologies

- Stripe
- Sockets

Data Model

