

# App #3 RESTAURANT SEARCH APP

**Tech Stack:** React - Express - Mongo - Bootstrap

## DESCRIPTION:

This application is a restaurant management system that displays a list of restaurants with details like ID, Name, Type, Location, and Rating. The interface allows administrators to Add, Edit, and Delete restaurant records. There is a form below the table to update or add new restaurant entries. The application has a user-friendly design with a restaurant-themed background, enhancing the user experience. This project is likely built with React (based on the "React App" title) and could be part of a MERN stack setup.

**ACTORS:** admin

## ADMIN OPERATIONS:

The admin can perform the following actions:

- **Add Restaurant:** Use the form at the bottom to input new restaurant details, including ID, name, type, location, and rating.
- **Edit Restaurant:** Click the "Edit" button next to an entry to modify its details. This likely populates the form with the selected restaurant's data for editing.
- **Delete Restaurant:** Click the "Delete" button to remove a restaurant record from the list.

## USER OPERATIONS:

- **View Restaurant List:** Users can see the list of restaurants and their details (ID, name, type, location, and rating).
- **Filter/Search (if applicable):** Users might be able to filter or search through the list if such functionality is implemented.

## tables/collections:

The application likely has a single primary table named restaurants with the following columns:

- **ID:** Unique identifier for each restaurant.
- **Name:** Name of the restaurant.
- **Type:** Cuisine type (e.g., American, Chinese, Italian).

- **Location:** Location of the restaurant (e.g., Mysore, Mangalore, Bangalore).
- **Rating:** Rating of the restaurant.

## PAGES:

The application might have these pages:

- **Restaurant List Page:** Displays the list of restaurants with an option to add, edit, or delete records. This seems to be the main page based on the screenshot.

## Menus:

Since this is a single-page application interface, it has minimal menu options.

**Home:** Redirects to the main restaurant list page.

**Restaurants List...**

ID	Name	Type	Location	Rating	Topfood	Action
105	Vidyarthi Bhavan	South Indian	Bengaluru	4.5	Masala Dosa	<a href="#">Edit</a> <a href="#">Delete</a>
552	Orchid Restaurant	Chinese,Indian	Mysore	4.4	Grilled Chicken	<a href="#">Edit</a> <a href="#">Delete</a>
462	Ruchi The Prince	Continental	Mysore	5	Mushroom Biryani	<a href="#">Edit</a> <a href="#">Delete</a>
109	Seven11	North Indian	Mysore	4.3	Chole Bature	<a href="#">Edit</a> <a href="#">Delete</a>

**Form to update or add record...**

Id :

Form to update  
or add record...

***Id :***

***Name :***

***Type :***

***Location :***

***Rating:***

***Topfood:***

Add Record

