

# THE FOOD STATION

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**Abstract**— This There are number of people who are relocating from their native place to some other place for their jobs. Their daily life balance gets disturbed. No proper access to home like foods, which can lead to their health deterioration. They unwantedly depend on the hotel and restaurant for their survival. So to overcome this problem The Food Station is a perfect platform for getting homely foods. The platform connects tenants, who seek affordable and healthy food options, with housewives and home cooks, who can offer their culinary services from the comfort of their own kitchens. Built using the MERN (MongoDB, Express.js, React.js, Node.js) stack, the website provides a seamless user experience, enabling tenants to browse, order, and rate meals, while housewives can manage their menus, set prices, and track orders. The platform emphasizes community-driven food services, fostering local connections and promoting homebased entrepreneurship. The ML system offers personalized meal recommendations to users based on their preferences, past orders, and ratings, improving customer satisfaction and helping home cooks optimize their offerings.

**Keywords:** *Home made food , Recommendation System, Community driven food services*

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## I. INTRODUCTION

Food is a basic necessity, but for many tenants living away from home—whether they are students, working professionals, or migrants—it often becomes a daily challenge to access affordable, nutritious, and convenient meals. In today's fast-paced urban lifestyle, these individuals struggle to balance their time and resources, often compromising their dietary needs. Cooking may not be a viable option for those living in rented accommodations because of factors such as lack of time or insufficient skills and facilities in their kitchen. For such students and young professionals, eating and dependence on fast food or restaurant dishes becomes their only option.

This project aims to make tenants access affordable, healthy, and hygienic homemade food within their localities. Many tenants, including students, working professionals, and migrants, have always faced the problem of lacking the time, resources, or skills to prepare nutritious meals. They thus rely heavily on restaurants, fast food, or instant meals, which are expensive or unhealthy. This program fills the gap by presenting an alternative that combines taste that is home-cooked with cost-effectiveness and convenience.

To establish a network of local home chefs capable of preparing fresh meals and delivering it to tenants in their neighbourhood. It will do this by

1. Increasing access to healthy, homemade food.
2. Empowering local homemakers as home chefs to supplement their income.
3. It will create a sense of community by linking the tenants with local food providers.
4. It will provide an affordable alternative to commercially prepared meals.

In the end, this project will seek to create a holistic solution to a widespread problem. It will redefine how tenants access homemade food, promote healthier eating habits, and foster stronger connections within communities. This initiative aims to impact the lives of individuals as well as the urban ecosystem through empowered home chefs and addressing the needs of tenants.

The main aim behind this project is that it enables tenants with affordable, healthy, and hygienic homemade meals according to their dietary and emotional necessities while they are staying away from their families. It makes an easy, dependable, and economical substitute for the fast food chain and restaurant meals for fresh and nutritious food

in hand without stressing their budget. The project is also interested in empowering local home chefs—mostly homemakers by offering them a platform to monetize their culinary skills, enable them to earn an additional income source, and achieve financial independence. In doing so, the connection of tenants with nearby home chefs invites a sense of community and locates the concepts of localized economic growth with mutual benefits between food providers and consumers. The other focal aim is to encourage healthy eating; it can be achieved by providing meals that are more than affordable, obtained from fresh ingredients straight from the farm. Environmental care through sustainable practices, such as recyclable packaging, food waste reduction, should also be adopted.

## II. PROBLEM STATEMENT

The problem the project addresses is the difficulties students, working professionals, and migrants in rented accommodations face in gaining access to healthy affordable meal convenient to their lives. Most tenants lack an alternative for cooking at home because of demands on study or work, lack of experience in preparing kitchen facilities, or poor renting service apartments. Consequently, a great number of this population often turns to fast food, packaged meals, or eating out in restaurants to satisfy their diets.

In addition to this dependence on external food sources, their emotional and psychological well-being is also negatively affected. For tenants, especially those in new or unfamiliar cities, residing away from their families, the absence of homemade meals usually intensifies feelings of homesickness and disconnection. Homemade food carries a specific emotional comfort, plus care, tradition, and familiarity, all things lost with just commercial food services. Thus, the problem is multi-dimensional: renters cannot find a safe, cheap, and healthy alternative to commercial food; their health and psychosocial well-being are threatened by less than ideal eating habits; and a potential local network of home chefs remains untapped.

This project aims at community-powered platform that connects the tenants with local home chefs, providing them with the comfort of home food at affordable prices and empowering chefs to generate a sustainable income in the process.

The concept of offering homely homemade food to the tenants finds its roots in the growing awareness of the difficulties being faced by the people away from their homes. These include, among others, students or working professionals and migrant workers who have time constraints, deficits in cooking skills, or access to freshly prepared homemade food. Drawn from grassroots initiatives such as community kitchens, tiffin services, and the like, which have been in existence for decades in numerous

pockets of the globe, this project aims to fundamentally modernize and scale up this concept.

This initiative not only fulfils an essential need among the tenancy but also provides a win-win situation where home chefs in local areas can contribute to their communities while achieving financial independence, hence a step toward healthier and more connected local communities.

## III. PROPOSED WORK MODEL

### A. Platform Design and User Interface

The platform will feature a user-friendly applications. Tenants can easily browse through available meal options, filter by cuisine, price, or dietary preferences, and place orders with minimal steps. Home chefs will have a dedicated dashboard to manage their menus, update availability, track orders, and view earnings.

### B. User Roles and Functionality

**Tenants:** Tenants can register on the platform, explore available homemade meal options, customize orders, and make payments securely. They can also provide feedback and ratings for the meals and services.

**Home Chefs:** Home chefs can create profiles showcasing their specialties, update menus and prices, set delivery or pickup options, and manage orders through notifications.

**Admin:** The platform will include an admin panel to oversee user activities, manage disputes, and ensure quality compliance.

### C. Key Features

**AI-Powered Recommendations:** The platform will utilize AI algorithms to recommend meals based on user preferences, order history, and popular trends.

**Secure Payment Gateway:** Integrated payment options, including UPI, credit/debit cards, and e-wallets, will ensure secure and seamless transactions.

**Order Tracking:** Real-time tracking of orders will enhance transparency for both tenants and home chefs

**Ratings and Reviews:** A feedback system will promote trust and encourage quality service.

### D. Workflow

1. **User Registration:** Tenants and home chefs register on the platform with necessary details.

2. **Menu Management:** Home chefs upload their menus and set availability.

3. **Order Placement:** Tenants browse, select meals, and place orders.

4. Order Processing: Home chefs accept orders and prepare meals.
5. Delivery/Pickup: Meals are delivered via third-party services or picked up by tenants.
6. Payment and Feedback: Tenants make payments and leave reviews.

easily supporting the diverse and growing data associated with users, chefs, and meals

### A. Key Features of Implementation

**Community Participation:** Locate and recruit local homemakers who are interested in preparing meals for the tenants.

**Platform Development:** Develop a web and/ or mobile application where tenants can view menus, order, and give feedback.

**Quality Assuring:** Hygiene and quality of food handled by the chef must be checked periodically.

**Logistics:** Develop a delivery network so that food can be delivered quickly and smoothly.

### B. Technology Stack

**React.js** - React.js is a powerful JavaScript library used for building dynamic and interactive user interfaces. In this project, React.js is employed to develop the frontend interface, ensuring a seamless user experience for tenants and chefs. With React, users can easily browse menus, place orders, and track deliveries, while chefs can manage their menus and monitor orders. React's component-based architecture allows for the reuse of UI elements, speeding up development and ensuring consistency across the platform.

**Node.js** - Node.js is a JavaScript runtime environment that enables the development of high-performance, event-driven server-side applications. It plays a pivotal role in our project by powering the backend, enabling efficient handling of user requests and server-side operations. Node.js is known for its non-blocking, asynchronous architecture, making it capable of processing multiple requests simultaneously. This feature is essential for managing real-time features like meal ordering, delivery tracking, and user notifications.

**MongoDB** - MongoDB is a NoSQL database designed to store data in a flexible, JSON-like format, making it suitable for handling dynamic and unstructured information. Unlike traditional relational databases, MongoDB provides scalability and high performance, allowing the platform to manage large datasets efficiently.

**Express.js** - Express.js is a minimalist and flexible web application framework built on Node.js. It simplifies backend development by providing a robust set of features for creating APIs routing, and handling HTTP requests and responses. In this project, Express.js serves as the backbone of the server-side architecture, enabling secure and efficient communication between the platform's frontend and backend. It facilitates core functionalities such as user authentication, order management, and payment processing. Its compatibility with MongoDB and Node.js makes it a

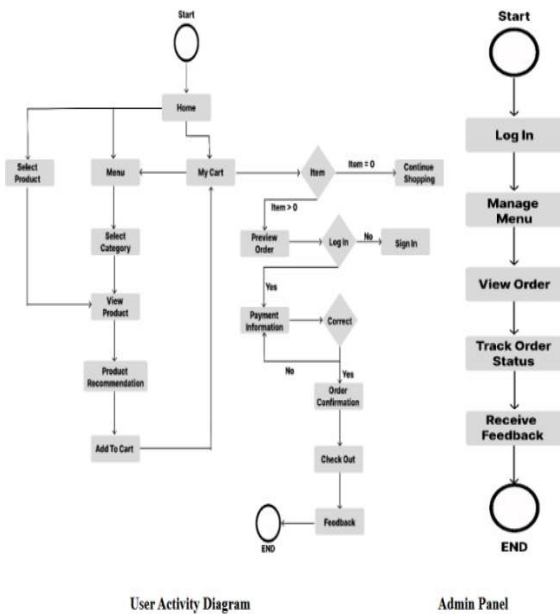


Fig 1 Activity Diagram

## IV. IMPLEMENTATION

The implementation for this project follows a client-server model with a web-based front end for tenants and home chefs, a backend for processing requests, and a database to store user information, meal details, and transaction data. The system is designed to be scalable and secure, ensuring that it can handle increasing user demand, securely store data, and provide real-time interactions.

**Client Side (Frontend):** The front end consists of an interactive user interface (UI) for both tenants and home chefs. Tenants can search for meals, place orders, and view recommended meals, while home chefs can list their meals, manage orders, and track their earnings.

**Server Side (Backend):** The backend is responsible for handling requests, managing user authentication, meal recommendations, and order processing. It also manages the interaction between users, ensuring that tenants are matched with the right home chefs based on preferences and location.

**Database:** A NoSQL database (MongoDB) is used to store user profiles, meal information, order history, and reviews. MongoDB's flexibility allows the system to scale

preferred choice for building scalable and reliable web applications.

**Pandas** - Pandas is a Python library widely used for data manipulation and analysis. In this project, it is employed to process and analyze large datasets related to user preferences, chef performance, and order histories. Its powerful data structures, such as DataFrames, allow developers to clean, organize, and extract meaningful insights from raw data.

**Scikit-learn** - Scikit-learn is a machine learning library in Python that provides tools for implementing predictive algorithms. In this project, it is used to develop content-based filtering algorithms for personalized meal recommendations. By analyzing user preferences, historical orders, and other patterns, its robust suite of algorithms makes it an essential tool for implementing intelligent recommendation systems.

**Surprise Library** - The Surprise library is a Python library specifically designed for building recommendation systems. The library supports algorithms like Singular Value Decomposition (SVD) and K- Nearest Neighbours (KNN).

V. BLOCK DIAGRAMS

1. Use Case Diagram

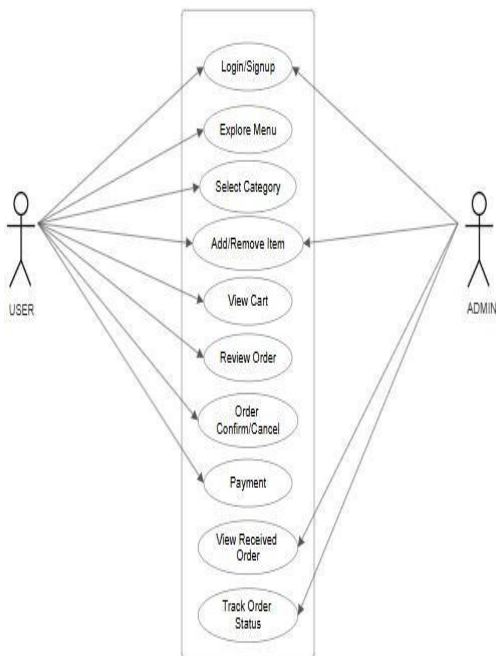


Fig 2 – Use Case Diagram

2. Object Diagram

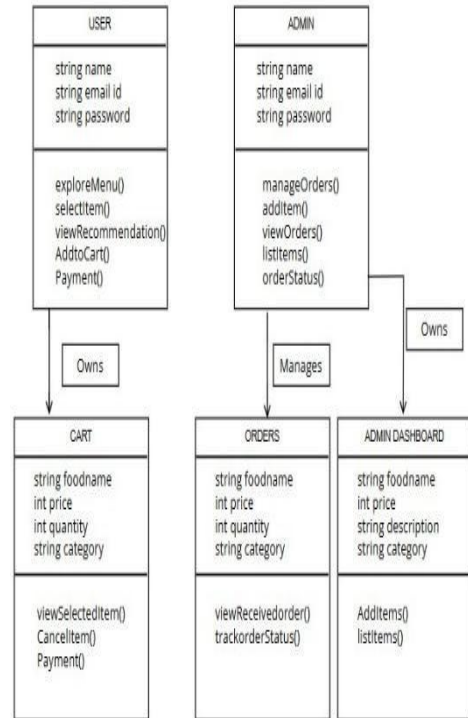


Fig 3 – Object Diagram

3. Sequence Diagram

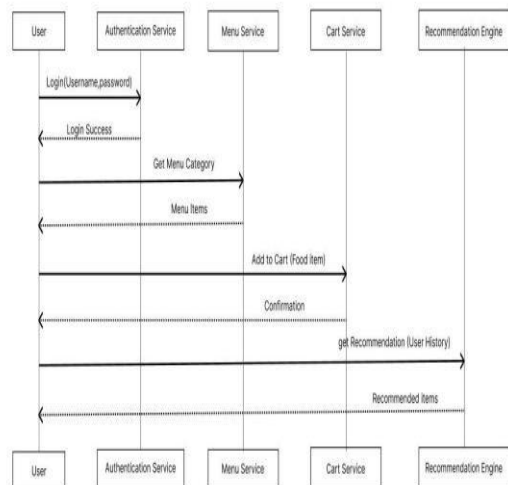


Fig 4 – Sequence Diagram

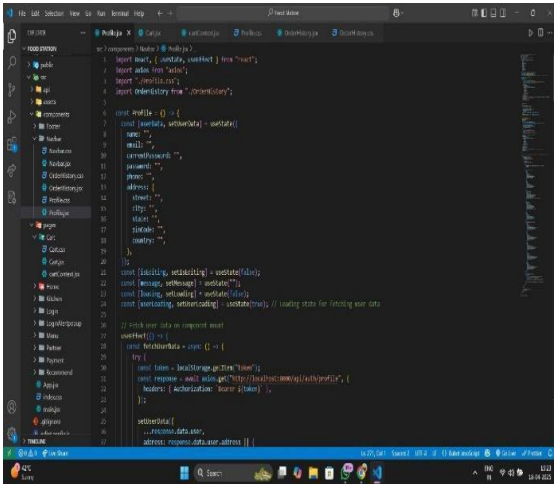


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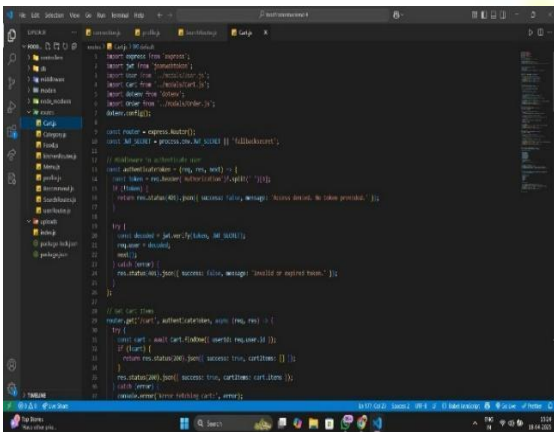
## VI. SAMPLE CODING

### 1. Client Side



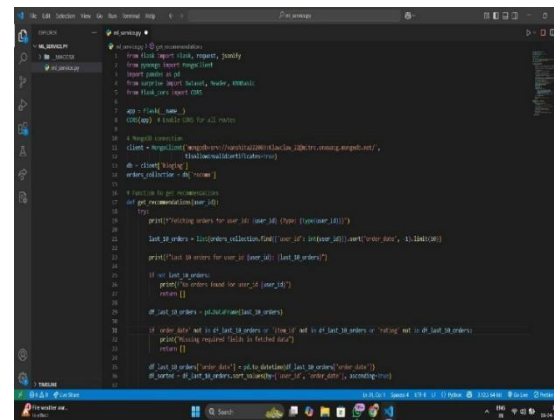
```
1 import React, { useState, useEffect } from 'react';
2 import axios from 'axios';
3 import './index.css';
4 import { BrowserRouter as Router, Route, Link, Switch } from 'react-router-dom';
5 import { useAuth } from './hooks/useAuth';
6 import { useCart } from './hooks/useCart';
7 import { useOrders } from './hooks/useOrders';
8 import { useFavorites } from './hooks/useFavorites';
9 import { useReviews } from './hooks/useReviews';
10 import { useSearch } from './hooks/useSearch';
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19 import { useSearchAdmin } from './hooks/useSearchAdmin';
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22 import { useContactAdmin } from './hooks/useContactAdmin';
23 import { useAdminHome } from './hooks/useAdminHome';
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Fig 5 – Frontend



```
1 import express from 'express';
2 import mongoose from 'mongoose';
3 import passport from 'passport';
4 import passportLocalStrategy from 'passport-local';
5 import bcrypt from 'bcrypt';
6 import jwt from 'jsonwebtoken';
7 import dotenv from 'dotenv';
8 import cors from 'cors';
9 import helmet from 'helmet';
10 import morgan from 'morgan';
11 import { config } from './config';
12 import { connectDB } from './db';
13 import { auth } from './auth';
14 import { user } from './user';
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95 import { adminSearchAdminAdminAdminAdminAdminAdminAdminAdmin } from './adminSearchAdminAdminAdminAdminAdminAdminAdminAdmin';
96 import { adminHomeAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './adminHomeAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
97 import { adminAboutAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './adminAboutAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
98 import { adminContactAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './adminContactAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
99 import { adminOrdersAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './adminOrdersAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
100 import { adminFavoritesAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './adminFavoritesAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
```

Fig 6 – Backend



```
1 import mongoose from 'mongoose';
2 import { ObjectId } from 'mongoose';
3 import { User } from './models/user';
4 import { Kitchen } from './models/kitchen';
5 import { Product } from './models/product';
6 import { Order } from './models/order';
7 import { Favorite } from './models/favorite';
8 import { Review } from './models/review';
9 import { Search } from './models/search';
10 import { Home } from './models/home';
11 import { About } from './models/about';
12 import { Contact } from './models/contact';
13 import { Admin } from './models/admin';
14 import { Profile } from './models/profile';
15 import { OrdersAdmin } from './models/ordersAdmin';
16 import { FavoritesAdmin } from './models/favoritesAdmin';
17 import { ReviewsAdmin } from './models/reviewsAdmin';
18 import { SearchAdmin } from './models/searchAdmin';
19 import { HomeAdmin } from './models/homeAdmin';
20 import { AboutAdmin } from './models/aboutAdmin';
21 import { ContactAdmin } from './models/contactAdmin';
22 import { AdminHome } from './models/adminHome';
23 import { AdminAbout } from './models/adminAbout';
24 import { AdminContact } from './models/adminContact';
25 import { AdminOrders } from './models/adminOrders';
26 import { AdminFavorites } from './models/adminFavorites';
27 import { AdminReviews } from './models/adminReviews';
28 import { AdminSearch } from './models/adminSearch';
29 import { AdminHomeAdmin } from './models/adminHomeAdmin';
30 import { AdminAboutAdmin } from './models/adminAboutAdmin';
31 import { AdminContactAdmin } from './models/adminContactAdmin';
32 import { AdminOrdersAdmin } from './models/adminOrdersAdmin';
33 import { AdminFavoritesAdmin } from './models/adminFavoritesAdmin';
34 import { AdminReviewsAdmin } from './models/adminReviewsAdmin';
35 import { AdminSearchAdmin } from './models/adminSearchAdmin';
36 import { AdminHomeAdminAdmin } from './models/adminHomeAdminAdmin';
37 import { AdminAboutAdminAdmin } from './models/adminAboutAdminAdmin';
38 import { AdminContactAdminAdmin } from './models/adminContactAdminAdmin';
39 import { AdminOrdersAdminAdmin } from './models/adminOrdersAdminAdmin';
40 import { AdminFavoritesAdminAdmin } from './models/adminFavoritesAdminAdmin';
41 import { AdminReviewsAdminAdmin } from './models/adminReviewsAdminAdmin';
42 import { AdminSearchAdminAdmin } from './models/adminSearchAdminAdmin';
43 import { AdminHomeAdminAdminAdmin } from './models/adminHomeAdminAdminAdmin';
44 import { AdminAboutAdminAdminAdmin } from './models/adminAboutAdminAdminAdmin';
45 import { AdminContactAdminAdminAdmin } from './models/adminContactAdminAdminAdmin';
46 import { AdminOrdersAdminAdminAdmin } from './models/adminOrdersAdminAdminAdmin';
47 import { AdminFavoritesAdminAdminAdmin } from './models/adminFavoritesAdminAdminAdmin';
48 import { AdminReviewsAdminAdminAdmin } from './models/adminReviewsAdminAdminAdmin';
49 import { AdminSearchAdminAdminAdmin } from './models/adminSearchAdminAdminAdmin';
50 import { AdminHomeAdminAdminAdminAdmin } from './models/adminHomeAdminAdminAdminAdmin';
51 import { AdminAboutAdminAdminAdminAdmin } from './models/adminAboutAdminAdminAdminAdmin';
52 import { AdminContactAdminAdminAdminAdmin } from './models/adminContactAdminAdminAdminAdmin';
53 import { AdminOrdersAdminAdminAdminAdmin } from './models/adminOrdersAdminAdminAdminAdmin';
54 import { AdminFavoritesAdminAdminAdminAdmin } from './models/adminFavoritesAdminAdminAdminAdmin';
55 import { AdminReviewsAdminAdminAdminAdmin } from './models/adminReviewsAdminAdminAdminAdmin';
56 import { AdminSearchAdminAdminAdminAdmin } from './models/adminSearchAdminAdminAdminAdmin';
57 import { AdminHomeAdminAdminAdminAdminAdmin } from './models/adminHomeAdminAdminAdminAdminAdmin';
58 import { AdminAboutAdminAdminAdminAdminAdmin } from './models/adminAboutAdminAdminAdminAdminAdmin';
59 import { AdminContactAdminAdminAdminAdminAdmin } from './models/adminContactAdminAdminAdminAdminAdmin';
60 import { AdminOrdersAdminAdminAdminAdminAdmin } from './models/adminOrdersAdminAdminAdminAdminAdmin';
61 import { AdminFavoritesAdminAdminAdminAdminAdmin } from './models/adminFavoritesAdminAdminAdminAdminAdmin';
62 import { AdminReviewsAdminAdminAdminAdminAdmin } from './models/adminReviewsAdminAdminAdminAdminAdmin';
63 import { AdminSearchAdminAdminAdminAdminAdmin } from './models/adminSearchAdminAdminAdminAdminAdmin';
64 import { AdminHomeAdminAdminAdminAdminAdminAdmin } from './models/adminHomeAdminAdminAdminAdminAdminAdmin';
65 import { AdminAboutAdminAdminAdminAdminAdminAdmin } from './models/adminAboutAdminAdminAdminAdminAdminAdmin';
66 import { AdminContactAdminAdminAdminAdminAdminAdmin } from './models/adminContactAdminAdminAdminAdminAdminAdmin';
67 import { AdminOrdersAdminAdminAdminAdminAdminAdmin } from './models/adminOrdersAdminAdminAdminAdminAdminAdmin';
68 import { AdminFavoritesAdminAdminAdminAdminAdminAdmin } from './models/adminFavoritesAdminAdminAdminAdminAdminAdmin';
69 import { AdminReviewsAdminAdminAdminAdminAdminAdmin } from './models/adminReviewsAdminAdminAdminAdminAdminAdmin';
70 import { AdminSearchAdminAdminAdminAdminAdminAdmin } from './models/adminSearchAdminAdminAdminAdminAdminAdmin';
71 import { AdminHomeAdminAdminAdminAdminAdminAdminAdmin } from './models/adminHomeAdminAdminAdminAdminAdminAdminAdmin';
72 import { AdminAboutAdminAdminAdminAdminAdminAdminAdmin } from './models/adminAboutAdminAdminAdminAdminAdminAdminAdmin';
73 import { AdminContactAdminAdminAdminAdminAdminAdminAdmin } from './models/adminContactAdminAdminAdminAdminAdminAdminAdmin';
74 import { AdminOrdersAdminAdminAdminAdminAdminAdminAdmin } from './models/adminOrdersAdminAdminAdminAdminAdminAdminAdmin';
75 import { AdminFavoritesAdminAdminAdminAdminAdminAdminAdmin } from './models/adminFavoritesAdminAdminAdminAdminAdminAdminAdmin';
76 import { AdminReviewsAdminAdminAdminAdminAdminAdminAdmin } from './models/adminReviewsAdminAdminAdminAdminAdminAdminAdmin';
77 import { AdminSearchAdminAdminAdminAdminAdminAdminAdmin } from './models/adminSearchAdminAdminAdminAdminAdminAdminAdmin';
78 import { AdminHomeAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminHomeAdminAdminAdminAdminAdminAdminAdminAdmin';
79 import { AdminAboutAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminAboutAdminAdminAdminAdminAdminAdminAdminAdmin';
80 import { AdminContactAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminContactAdminAdminAdminAdminAdminAdminAdminAdmin';
81 import { AdminOrdersAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminOrdersAdminAdminAdminAdminAdminAdminAdminAdmin';
82 import { AdminFavoritesAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminFavoritesAdminAdminAdminAdminAdminAdminAdminAdmin';
83 import { AdminReviewsAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminReviewsAdminAdminAdminAdminAdminAdminAdminAdmin';
84 import { AdminSearchAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminSearchAdminAdminAdminAdminAdminAdminAdminAdmin';
85 import { AdminHomeAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminHomeAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
86 import { AdminAboutAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminAboutAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
87 import { AdminContactAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminContactAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
88 import { AdminOrdersAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminOrdersAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
89 import { AdminFavoritesAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminFavoritesAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
90 import { AdminReviewsAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminReviewsAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
91 import { AdminSearchAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminSearchAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
92 import { AdminHomeAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminHomeAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
93 import { AdminAboutAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminAboutAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
94 import { AdminContactAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminContactAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
95 import { AdminOrdersAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminOrdersAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
96 import { AdminFavoritesAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminFavoritesAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
97 import { AdminReviewsAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminReviewsAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
98 import { AdminSearchAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminSearchAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
99 import { AdminHomeAdminAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminHomeAdminAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
100 import { AdminAboutAdminAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin } from './models/adminAboutAdminAdminAdminAdminAdminAdminAdminAdminAdminAdminAdmin';
```

Fig 7 – Recommendation System

## VII. RESULT

### Homemade Meals From Best Kitchens

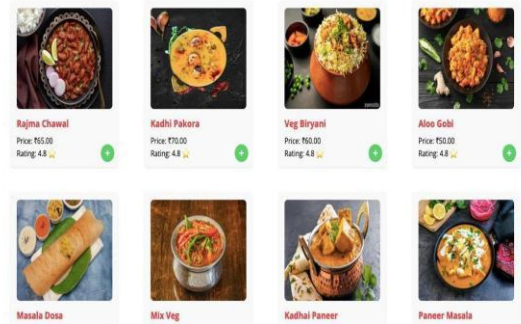
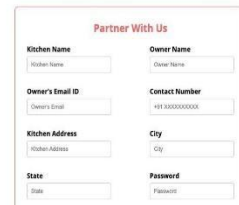


Fig 8 - Homemade meal section

The Homepage of the web application The Food Station from where a user can select homely cooked food.

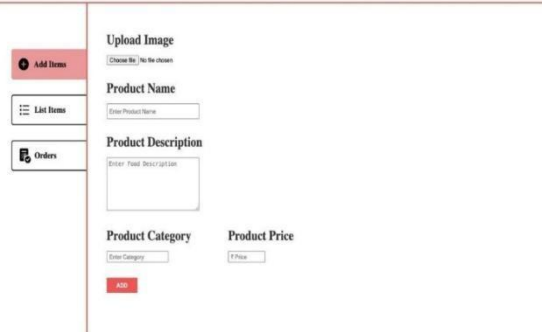


Partner With Us	
Kitchen Name	Owner Name
Owner's Email ID	Contact Number
Kitchen Address	City
State	Password

Fig 9 – Register Page

It is the Kitchen Register page where Food providers can register themselves.

### The Mom's Kitchen Admin Panel



The Mom's Kitchen Admin Panel	
Add Items	Upload Image
List Items	Product Name
Orders	Product Description
	Product Category
	Product Price

Fig 10 – Food Addition Page

After food providers register themselves, they can add their food within the admin panel that will get displayed at home page.

## VIII. CONCLUSION

The food station serves as a transformative platform that not only solves the common problem faced by working

individuals living away from home but also creates new opportunities for home-based entrepreneurs. By offering a reliable, tech-driven solution built on the MERN stack, the platform ensures a smooth and intuitive user experience for both tenants and home cooks. Tenants benefit from healthy, affordable, and homely meals that support their physical well-being and emotional comfort, while housewives and home chefs gain recognition, purpose, and financial independence from the comfort of their own kitchens. The integration of a Machine Learning system enhances the user journey through personalized meal recommendations, boosting satisfaction and helping cooks align their offerings with customer preferences. Ultimately, The Food Station promotes community engagement, local empowerment, and a healthier lifestyle, creating a win-win ecosystem that brings the warmth of home to every plate, no matter where you are.

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