

# MyPlatter - Personalized Dining, Chef-Driven Experience

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**Abstract:** *This project offers a total solution that will change the way people access and enjoy home-cooked food. The system has two key components: the Chef Management System and the Customizable Meal Ordering System.*

*The Chef Management System enables home-based chefs to easily update their daily menus and give real-time availability of dishes, thus a dynamic and varied selection of food. A profile exists for each chef where they can post their specialties, handle orders, and communicate with customers, optimizing the process of meal preparation. Various chefs can be explored by customers, menus can be viewed, and orders can be easily placed. The Customizable Meal Ordering System provides a better user experience through the ability to customize meals based on dietary needs, portion size, and ingredients. The system also includes customer feedback and rating systems to ensure high standards of service. In addition MyPlatter creates meal recommendations categorized by user preferences, assisting customers in making the right choices. Overall, this solution greatly increases the convenience and attractiveness of home-cooked food, enabling healthier eating and supporting local chefs in reaching a wider audience.*

**Keywords:** *Home-cooked meals, meal customization, dynamic menu management, user-centric interface, food service innovation*

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## I. INTRODUCTION

Food is the source of energy, so making healthy food is the most effective thing to remain fit and healthy, where it can be greatly achieved by home-made food with attention, but in the current fast generation cooking all things healthy at home is a huge task. This is where MyPlatter comes into play uniting local chef's who prepare healthy food as per the preference of the customers. MyPlatter is an application that assists local chefs by getting associated with customers who ordered customized home cooked meals using an interface that satisfies both customers and chef's needs and requirements.

The major objective of My Platter is to develop a sound and effective food-sharing platform that respects quality, convenience, and customization. As opposed to conventional food delivery platforms, the site guarantees individuals the ability to select meals according to their needs while enjoying direct interaction with cooks. With the emphasis on community interaction and building trust, MyPlatter not only improves the dining experience but also helps shape a more sustainable and integrated food culture. The organized method of application, simplistic interface, and streamlined order management system of the application make it a perfect fit for contemporary food consumption requirements.

## II. EXISTING SYSTEM

The platforms till now existed are solely a restaurant food delivery applications but not a home chefs food delivery app. All the restaurants make food by commonly considering people's preferences but not every single persons preference. Where as there are home based cooks who cook food and deliver it people through messages and phone calls by knowing it from people and publicity, but it lacks proper verification of chef and there is no proper interface to connect chef's with customers.

### DISADVANTAGES

- Limited Accessibility to Home-Cooked Meals:Users struggle to find reliable home chefs, as there is no dedicated platform offering structured access to homemade food services.
- Lack of a Centralized System for Discovering Home Chefs: There is no unified solution where users can explore, compare, and directly connect with home cooks based on preferences, location, and cuisine.
- Absence of Trust-Building Features:Without verified reviews, ratings, and secure payment options, users may hesitate to order from unknown chefs, while chefs lack credibility to attract customers.
- No Personalized Meal Options: Restaurant-based food delivery services do not prioritize customized meal plans, dietary-specific preferences, or home-style cooking, leaving a gap for users looking for a healthier, more personalized alternative.

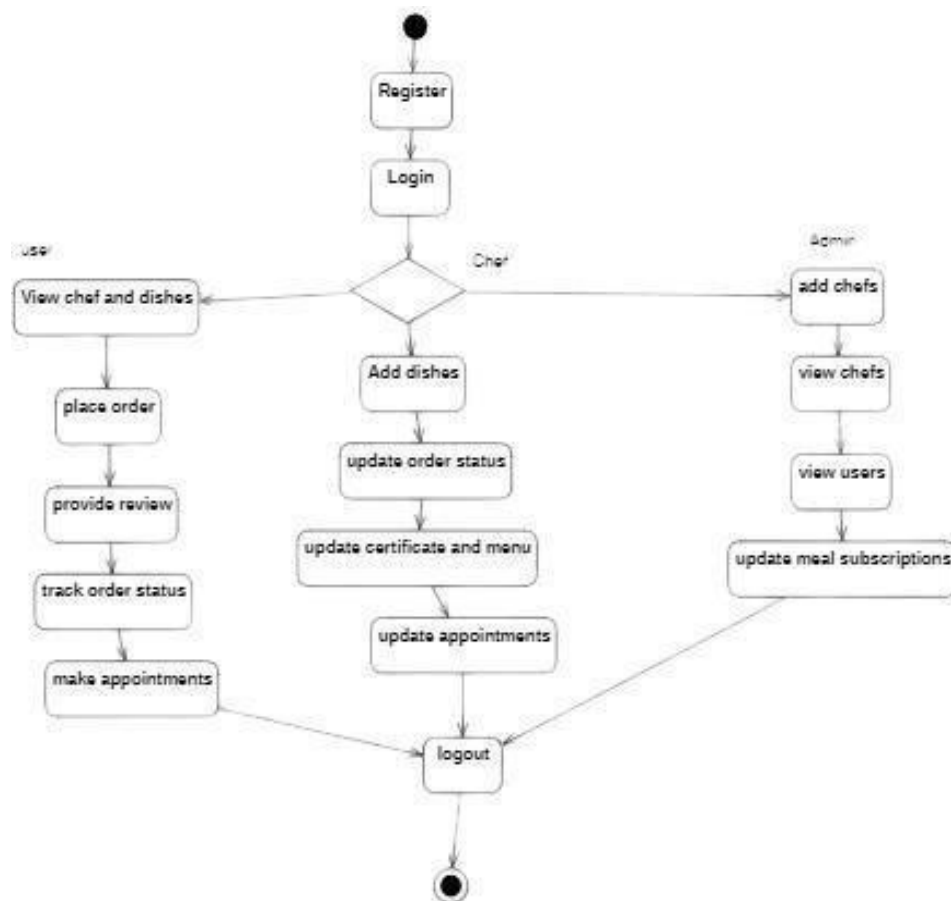
## III. PROPOSED SYSTEM

MyPlatter introduces a centralized and user-friendly platform designed to bridge the gap between individuals seeking home-cooked meals and local home chefs. The system allows users to register, login, and search for nearby cooks based on location, cuisine preference, and dietary needs.MyPlatter do not focus on restaurants and their foods, the main goal of this this application is to provide a platform where customers can connect directly with chefs menu page and order their food according to their customisation focusing on many things like required ingredients to preferred portion of all the protein, fiber, nutrients and many more things. Which cannot be done in restaurant based apps

## ADVANTAGES:

- Centralized Home-Cooked Meal Discovery: My Platter provides a dedicated platform that connects users with nearby home chefs, eliminating the hassle of searching for homemade meal options throughout informal channels.
- Enhanced Food Variety and Accessibility: Users gain access to a wide range of homemade dishes, catering to different dietary preferences, cultural cuisines, and health-conscious meal choices.
- Trust-Building Features: The system incorporates profile management, reviews, and ratings, allowing users to choose reliable home chefs based on feedback and past customer experiences.
- Simplified Ordering Process: My Platter streamlines the meal ordering experience by providing direct meal requests, real-time order tracking, and status updates, making the process efficient and user-friendly.
- Empowerment of Home Chefs: Home cooks can expand their reach, manage orders, and establish a steady customer base through profile visibility, availability calendars, and seamless communication tools.

## Design:



## System Design

The MyPlatter app unites users, home cooks, and administrators with an organized system. Users register, log in, see chefs and dishes, order, check order status, review, and book appointments. Chefs control their profiles by creating and modifying dishes, controlling order statuses, updating menus and certifications, and booking appointments. Admins control the system by managing chef registration, user profiles, and meal subscription.

## IV. EXPERIMENTAL RESULT

The development and implementation of MyPlatter, an advanced food ordering and delivery application, marks a significant step towards enhancing convenience in the food industry. The rapid evolution of technology has reshaped how customers interact with restaurants, and MyPlatter serves as a seamless platform connecting users with nearby food vendors while ensuring efficient order management and real-time tracking. By bridging the gap between customers and chefs, MyPlatter enhances the food ordering experience, offering an intuitive and efficient digital solution.

### Admin interface:

Admin is the one who checks the chef's professionalism and their certifications and then add them to the application.



Figure 1 Login Page



Figure 2 Admin Module

### Chef interface:

Chefs are able to modify their daily menu, receive and send orders, and modify the status of each order in real time. They can also schedule and manage monthly bookings, enabling customers to reserve personalized cooking sessions. Since the platform is intended for local chefs, they can also receive home-cooking bookings, where they cook meals at customers' homes on demand. This feature adds flexibility and offers a personalized, bespoke dining experience to users.

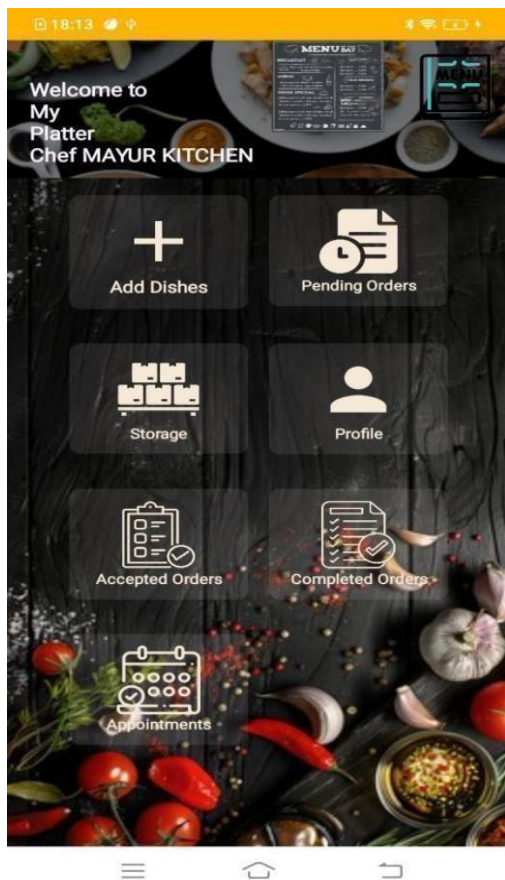


Figure 3 Chef login



Figure 4 Adding New Dish

### User interface:

Users should register with their details and then login in to the application. Through the display of various available chefs user can select the chef and their food and make it customised and place order. The payment can be through online methods or cash on delivery. Users can make appointments according to their required timings when the chef should come to their house and cook and send the request. If the chef accepts the appointment request the chef will come and cook for user at their house itself.





Figure 5 user Interface

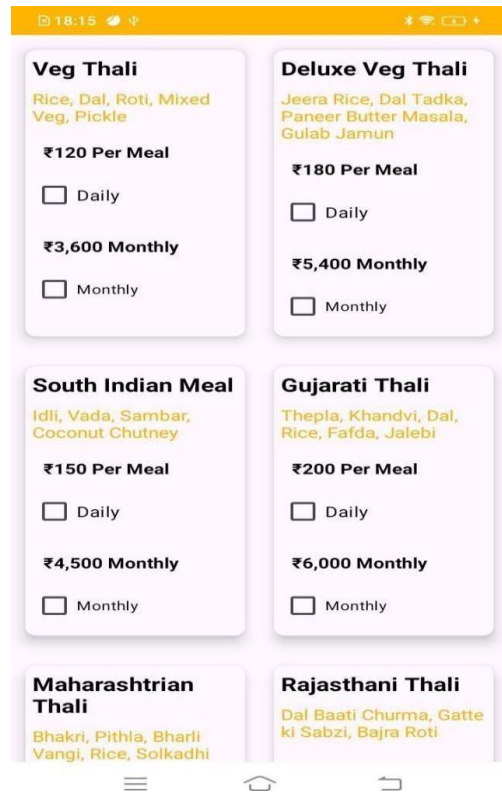


Figure 6 Meal subscription



Figure 7 View Menu

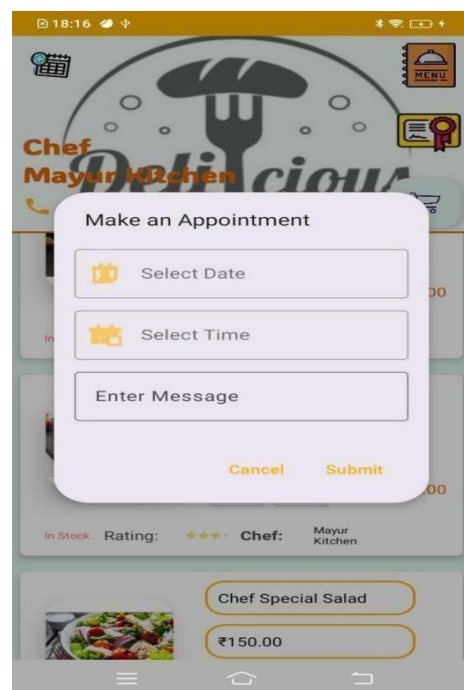


Figure 8 Home Visit appointments

## V. CONCLUSION

The MyPlatter application stands as an innovative solution in the field of home-cooked meal ordering and chef management. By integrating custom meal selection, real-time order tracking, and seamless chef-user interactions, the platform significantly enhances the convenience and accessibility of home-cooked meals. Through its automated processes, MyPlatter simplifies order placement, chef verification, and subscription handling, reducing the effort required by both users and home chefs.

The reliability and effectiveness of MyPlatter have been validated through extensive testing and user feedback. The system has consistently delivered accurate order tracking, secure payments, and smooth user interactions. Users have praised its intuitive interface, personalized meal customization, and the ability to connect with verified chefs, reinforcing its value in modernizing the food industry. MyPlatter sets a new standard for personalized food ordering, ensuring a sustainable and scalable future for home-based culinary businesses.

## VI. REFERENCES

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