

"CUISINE POPULAR AND FESTIVALS (YUMYARD)"

A

Project Presentation

submitted

in partial fulfillment

for the award of the Degree of

Bachelor of Technology

in Department of Information Technology



Lab Coordinator:
Dr. Priyanka Yadav
Assistant Prof.

Submitted By:
Asha Sharma
21ESKIT024

Department of Information Technology
Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
Rajasthan Technical University, Kota

Table of Contents

- 1 Introduction
- 2 Problem Statement
- 3 Literature Review
- 4 Proposed Solution
- 5 Implementation Details
- 6 Features and Functionality
- 7 Testing and Evaluation
- 8 Results and Analysis
- 9 Future Work
- 10 Conclusion
- 11 References

Introduction

- YumYard is an innovative online food delivery application that connects users with local restaurants.
- **Objectives:**
 - To develop a user-friendly platform for food ordering.
 - To incorporate festive cuisines, highlighting seasonal and cultural dishes.
- **Importance:**
 - Facilitates food access for users, especially during festivals.
 - Supports local businesses by providing them with an online presence.

Problem Statement

- Many users struggle to find reliable food delivery services, particularly for local and festive cuisines.
- **Why it Matters:**
 - Enhances customer experience by reducing search time and offering variety.
 - Aids local economies by promoting nearby restaurants, especially during peak seasons.

Literature Review

- Previous research has explored various online food delivery models and their impact on consumer behavior.
 - Many existing applications focus primarily on convenience rather than cultural diversity in food offerings.
 - **Gaps Identified:**
 - Limited focus on festive cuisines that represent cultural heritage.
 - Need for improved user interfaces that enhance the overall customer journey.

Proposed Solution

- Development of an all-in-one food delivery app that emphasizes local and festive cuisine.
- **Key Features:**
 - User-friendly interface designed with React for seamless navigation.
 - Django for secure authentication and real-time database management.
- **Unique Approach:**
 - Focus on promoting seasonal dishes and special menus during festivals.
 - Allow local vendors to register and come online .

Implementation Details

- **Overview:** The project was implemented in stages, beginning with requirements gathering and ending with development.
- **Technologies Used:**
 - **Frontend:** React.js for dynamic UI components.
 - **Backend:** Django for database and user authentication.
 - **Design:** HTML, CSS, and React for responsive layouts.
- **Challenges Faced:**
 - Ensuring data security and privacy for user information.
 - Integrating real-time ordering and payment functionality.

Features and Functionality

- **Key Features:**

- User registration and profile management.
- Search functionality for festive cuisines.
- Real-time order tracking and add to cart functionality.
- Online payment functionality for better user engagement (used razorpay for testing).

- **Screenshots:**

- Home page showing popular dishes.
- Festive cuisine page showcasing special offerings.
- Order tracking interface displaying current status.

Screenshots

● Home Page



❖ Our Specials

❖ Daily Specials

Craving something spicy, crispy, or cheesy? Explore our daily curated menu full of local and international favorites.

❖ Festive Favorites

Celebrate Holi, Diwali, Eid, and more with mouthwatering traditional meals crafted with festive joy and flavor.

figure : Home Page of YumYard

Screenshots

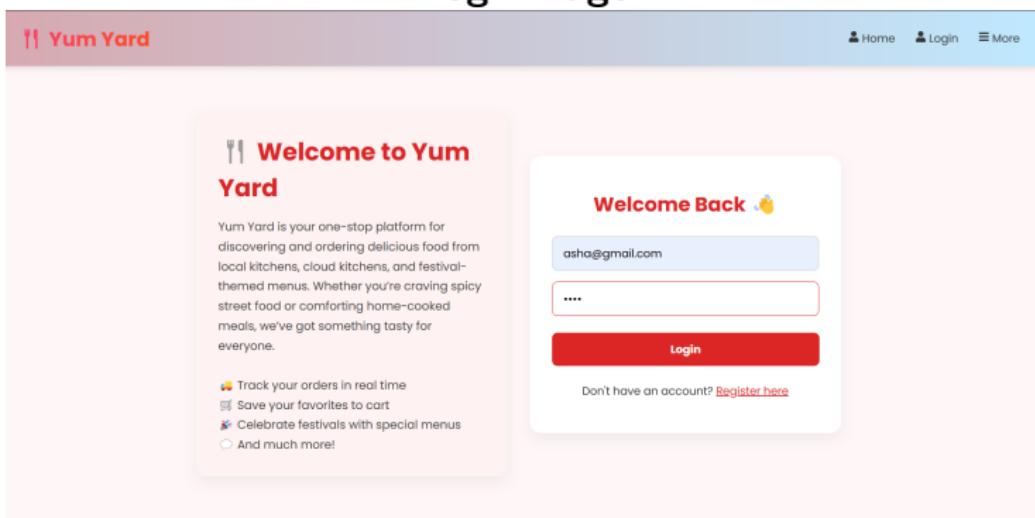


figure : login Page of YumYard

Screenshots

Dashboard

Yum Yard

Search items... Dashboard Categories Track Order More Logout

Explore Delicious Food



pulao
healthy and tasty
ashaa - Shop number 34 Balaji vihar 26 bennad road Jaipur
₹120

Add to Cart



Maggi
your 5 minutes spicest noodles are here!
₹89

Added



Hakka noodles
your bowl of veggies + noodles is here!
₹140

Added



Burger
Allo tikki bun is here
₹79

Add to Cart



figure : Dashboard of YumYard

Screenshots

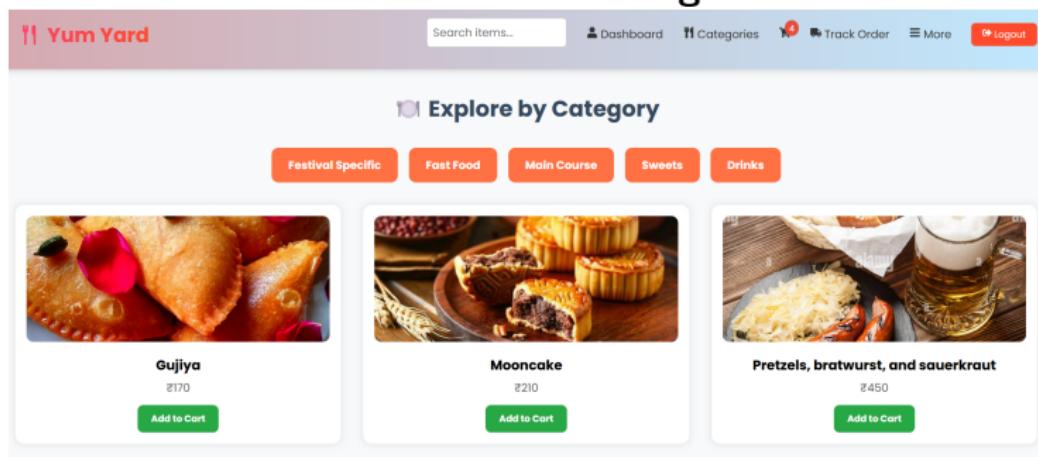


figure : Festive Cuisine Page Highlighting Seasonal Dishes

Screenshots

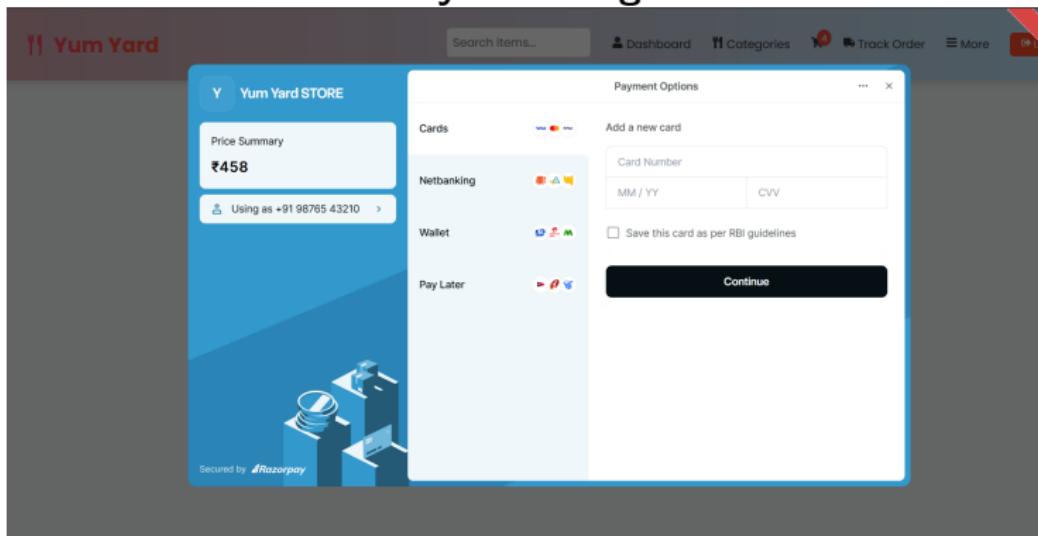


figure : Razorpay payment gateway

Testing and Evaluation

- **Testing Process:**

- Conducted thorough unit and integration testing on all app components.
- Ensured proper error handling and loading states throughout the application.

- **Results:**

- High success rate in passing tests with minimal bugs.
- Positive user feedback indicating ease of use and reliability.

Challenges Overcome and Lessons Learned

- **Challenges Overcome:**

- Faced initial difficulties with real-time data handling, which were resolved through research and consultation with mentors.
- Addressed user authentication issues by implementing Django's security features effectively.
- Improved the user interface based on iterative user testing and feedback, leading to a more intuitive design.

- **Lessons Learned:**

- Importance of Mentor feedback in refining and enhancing app functionality.
- Gained practical experience in project management.
- Recognized the value of continuous testing and iteration in software development.

Future Work

- Expand partnerships with additional local restaurants to diversify offerings.
- Introduce loyalty programs and discounts for frequent users.
- Explore the implementation of AI for personalized meal recommendations based on user preferences.
- Continuous updates and enhancements based on user feedback and market trends.

Conclusion

- YumYard has successfully created a platform that enhances the online food delivery experience.
- Key takeaways include the importance of integrating cultural aspects into modern technology.
- The project sets a strong foundation for future enhancements, community engagement, and sustainable growth.

References

- 1. React Documentation
- 2. Django Documentation
- 3. W3Schools for HTML/CSS/JS
- 4. Journal Articles on Online Food Delivery Trends