NEXT GEN EMPLOYABILITY PROGRAM

CREATING A FUTURE-READY WORKFORCE

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CAPSTONE PROJECT SHOWCASE

A Service for Delivering Food (Zomato Clone) with MERN Technology

Abstract | Problem Statement | Project Overview | Proposed Solution | Technology Used | Modelling & Results | Conclusion | Q&A

Abstract

1. User Authentication
2. Real-time Order Tracking
3. Admin Dashboard for Restaurants
4. Responsive UI for Mobile & Web

Problem Statement

In today's fast-paced world, customers demand **quick, convenient, and reliable** food delivery services. However, many existing food ordering platforms suffer from **slow load times, complex interfaces, and inefficient order tracking**, leading to **frustration** for both customers and restaurant owners.

Restaurants struggle with **order management inefficiencies**, delayed updates, and a lack of **real-time tracking**, resulting in poor customer experiences. Meanwhile, users face challenges such as **limited restaurant options, payment issues, and a lack of transparency** in delivery status.

The **Quick Food App** aims to solve these problems by providing a **fast, user-friendly, and scalable** food ordering solution. By leveraging **Vite + React for the frontend** and a robust **backend with real-time updates**, the platform ensures **smooth ordering, secure transactions, and seamless communication between customers, restaurants, and delivery personnel**.

Project Overview

The **QUICK Food App** is a web-based platform designed to streamline the food ordering and delivery process. Upon visiting the application, users are greeted with a user-friendly interface that allows them to browse various food options, place orders, and track deliveries in real-time.

Key Features:

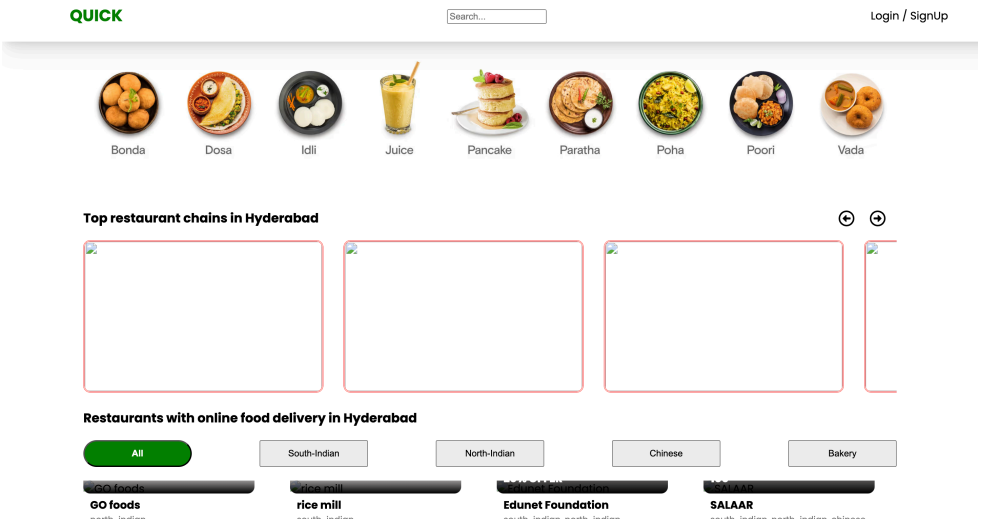
- **User Authentication:** Users can create accounts or log in to manage their orders and preferences.
- **Order Management:** Users can customize their orders, add items to the cart, and proceed to checkout seamlessly.
- **Real-Time Tracking:** After placing an order, users can monitor the status and estimated delivery time.

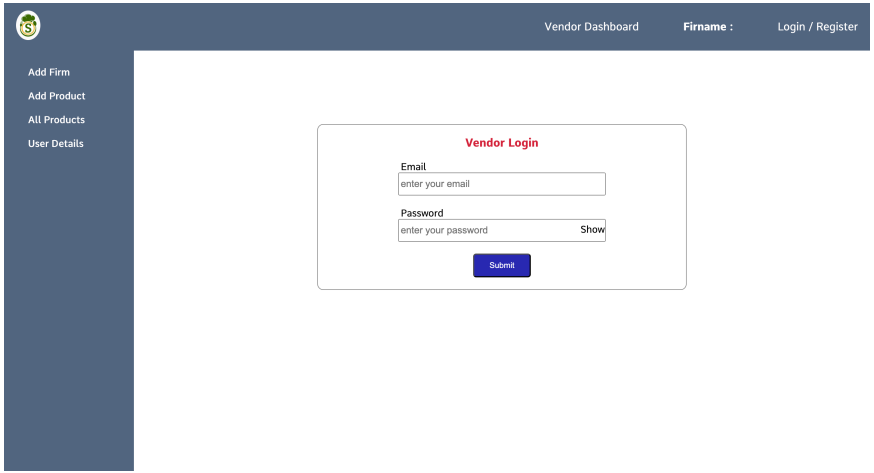
The application is built using modern web technologies, ensuring a responsive design that adapts to both desktop and mobile devices. The backend infrastructure supports efficient data handling and quick response times, enhancing the overall user experience.

In summary, the **QUICK Food App** offers a seamless and efficient solution for users seeking to order food online, providing a bridge between customers and a wide array of dining options.

Proposed Solution

- Responsive Frontend and Backend Website has been made by me with the help of Edunet Foundation and the best guidance that I can get from them to do this project.
- I have learnt Vite React JavaScript, NodeJS, MongoDB, ExpressJS etc and a lot of new things.





Technology used

- Vite React JS
- JavaScript
- CSS
- NodeJS
- MongoDB
- ExpressJS
- API

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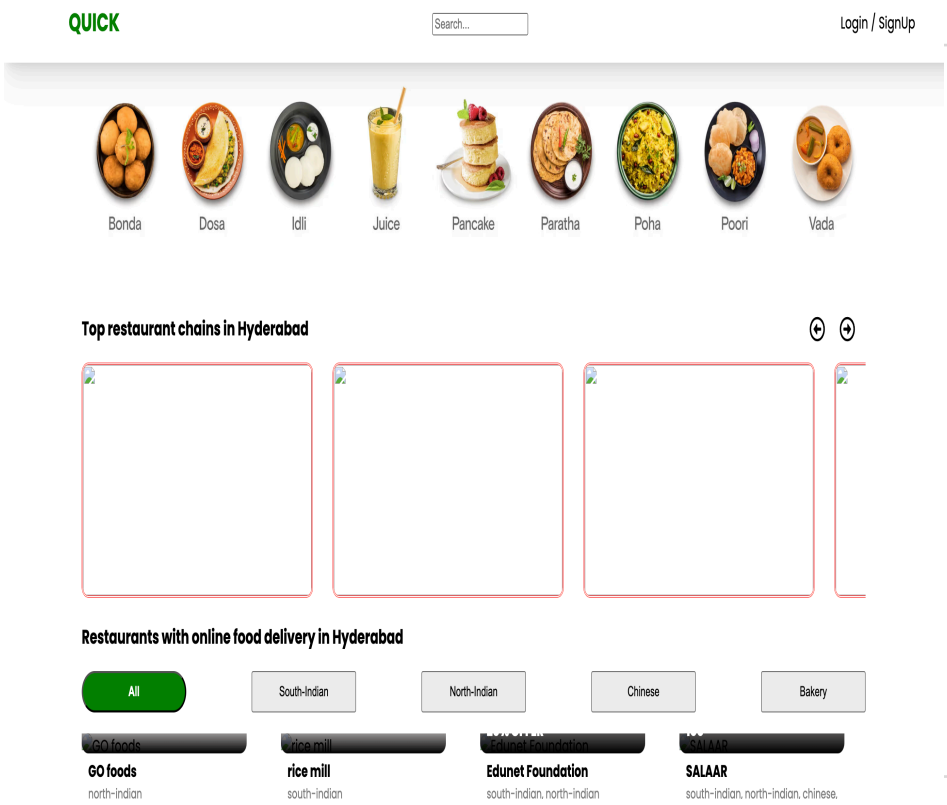
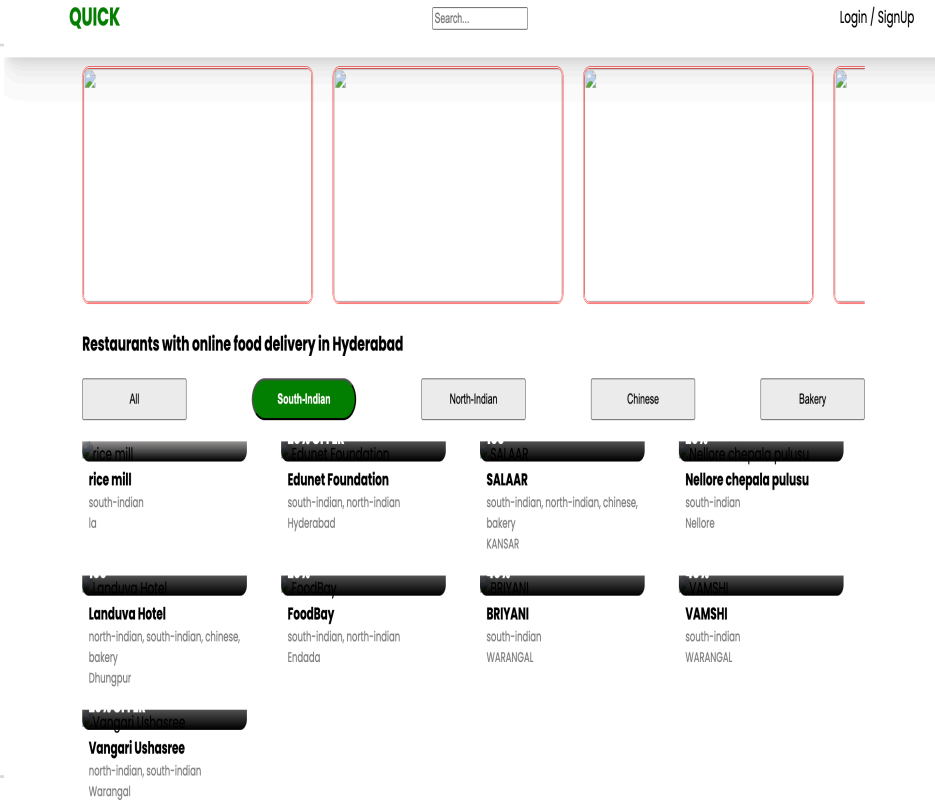
Modelling & Result





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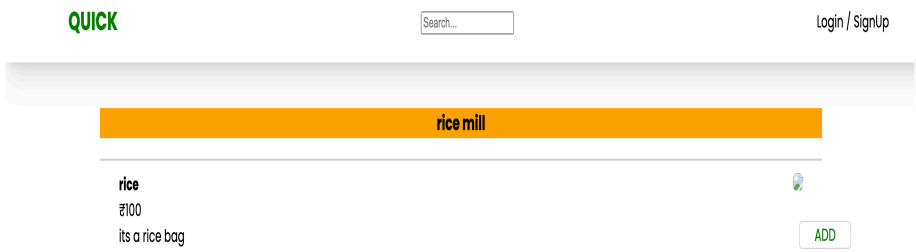

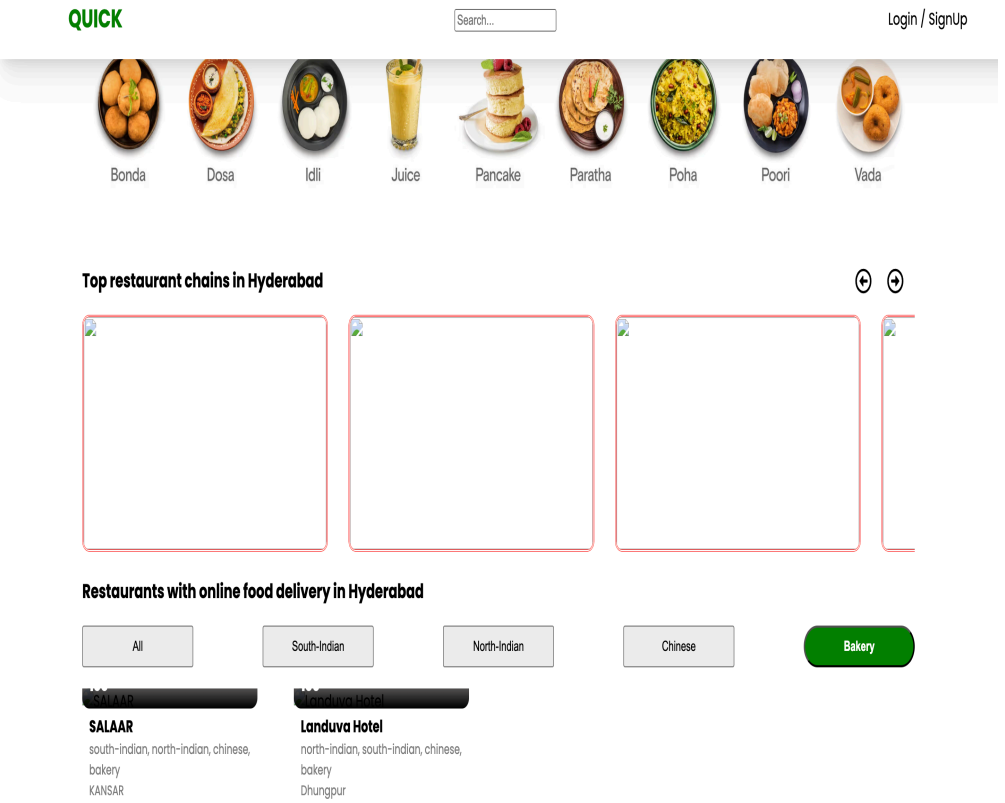

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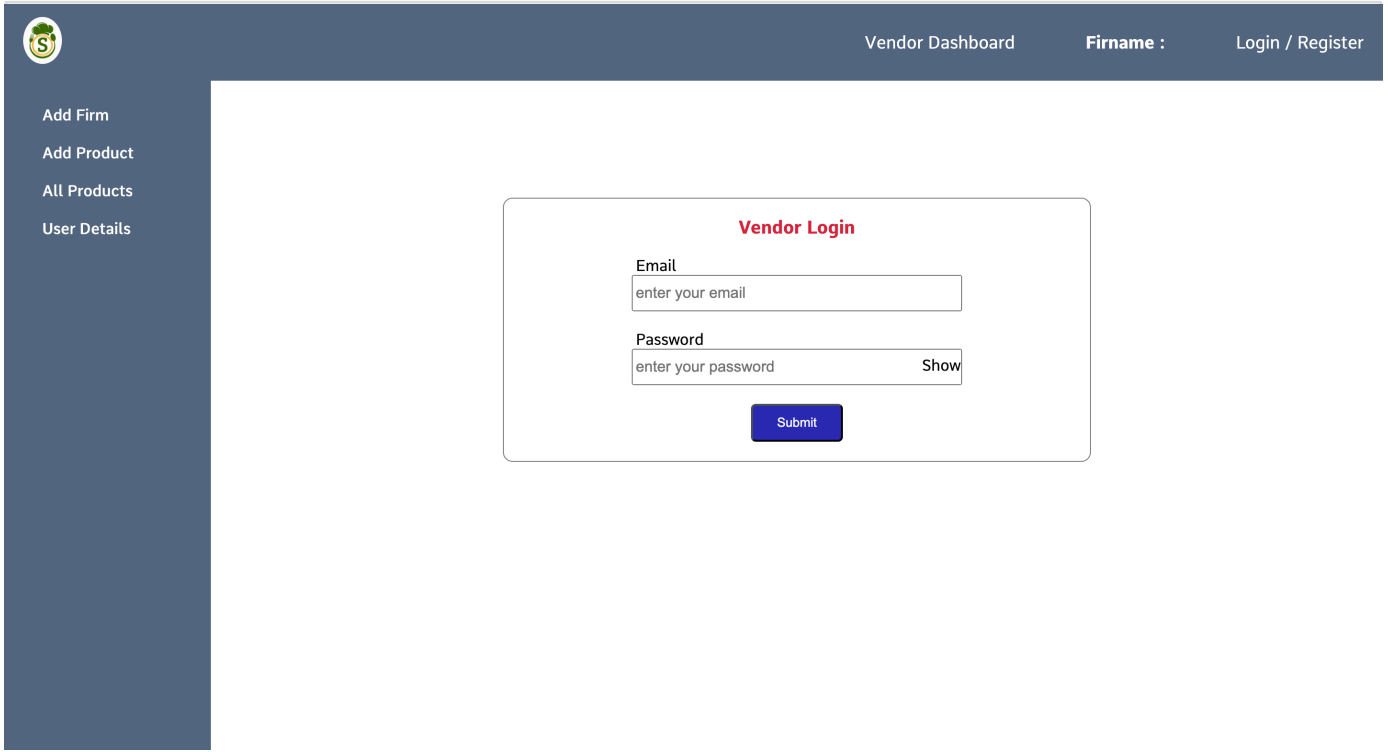
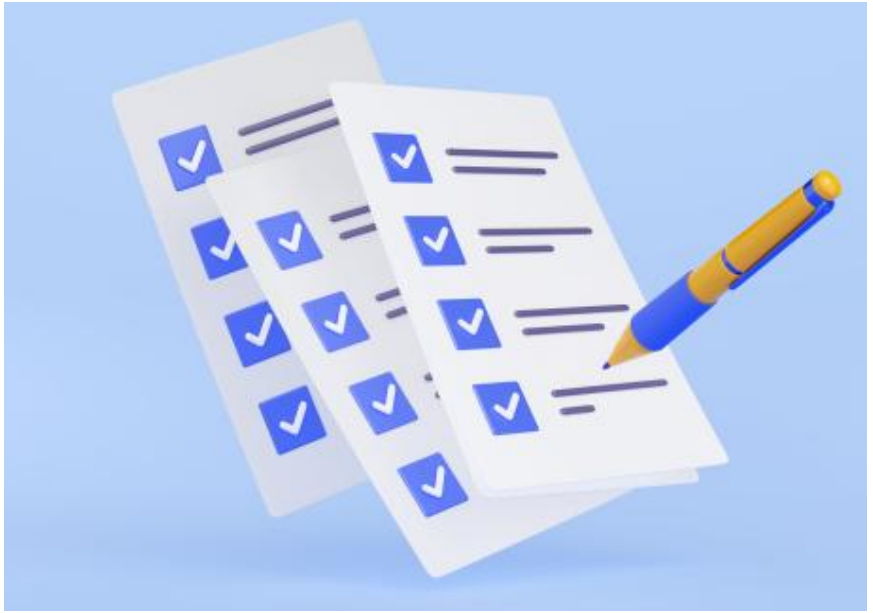


Conclusion

The **Quick Food App** successfully addresses the inefficiencies in food ordering and delivery by offering a **fast, reliable, and user-friendly platform**. With a **modern tech stack** including **Vite + React for the frontend** and a **scalable backend**, the application ensures seamless ordering, real-time tracking, and secure transactions.

By optimizing performance, improving user experience, and enhancing restaurant order management, the app bridges the gap between customers and food vendors. The integration of **real-time updates, payment gateways, and an intuitive UI** makes the platform a convenient and efficient solution for both users and businesses.

Moving forward, the app has the potential for further enhancements, such as **AI-based recommendations, loyalty programs, and advanced delivery logistics**, ensuring continuous improvement and greater customer satisfaction.



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