TASTE OF HOME

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Abstract

Taste of Home is an innovative MERN stack web platform that facilitates connections between local food producers and consumers through a dynamic supply-on-demand model. Users can create profiles designating themselves as food producers or consumers. Producers can showcase their culinary offerings, while consumers can browse, order, and pay securely. The platform features integrated messaging, reviews/ratings, and order tracking to enhance the user experience. Taste of Home aims to promote local talents, reduce food waste, strengthen local economies, and redefine how people experience and share homemade culinary delights.

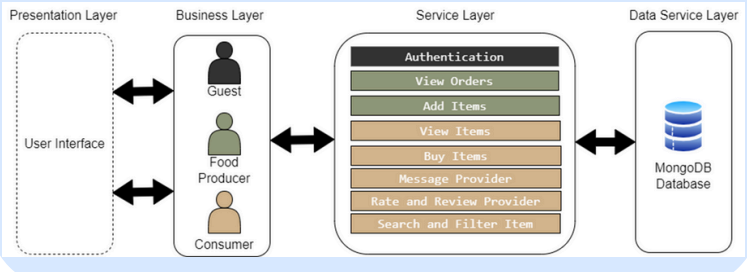
Tools & Technologies

M E R N

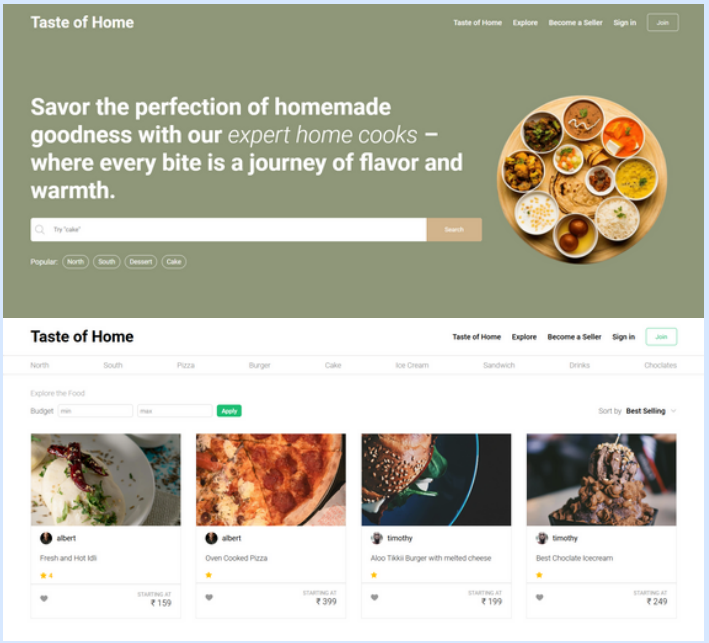
Methodology

The Taste of Home platform utilized the MERN stack. MongoDB schemas handled data for users, items, orders, reviews. JWT enabled secure authentication and user management. Express.js provided RESTful APIs for CRUD operations. The frontend leveraged React.js for responsiveness and Redux for state management. Stripe integration facilitated secure online payments.

Architecture Diagram



Result



Conclusion

Taste of Home seamlessly combines robust backend capabilities with a user-friendly frontend, delivering a convenient platform for local food producers and consumers. Secure authentication and payment integration ensure trust, while the MERN stack technology stack enables scalability and reliable performance. This innovative application is ready to revolutionize how communities experience and share homemade culinary delights.