CONCLUSION

The "Hungry" food ordering application has been designed to cater to the needs of both food sellers and customers, offering an intuitive interface for managing food orders and transactions. Throughout its development and deployment, the application has demonstrated a high level of functionality and user satisfaction, using an easy-to-navigate design and comprehensive feature set.

Key features such as user authentication, menu management, cart operations, and payment processing are implemented ensuring a seamless and efficient user experience. Additionally, the feedback and order history functionalities provide valuable insights for continuous improvement and customer engagement.

The software's architecture supports a scalable and secure environment, it can accommodate a growing number of users and transactions without compromising performance. The application can not only meet the current market demand but also adapt for future enhancements and features.

In conclusion, the "Hungry" food ordering application stands out as a sophisticated software engineering providing satisfying solutions to online food commerce. Its continued adaptation to user feedback will ensure success in facilitating easy-to-use and reliable food ordering services.

FUTURE SCOPE

1. Expanded Payment Options:
    - Include additional payment methods to cater to a broader range of customers.
    - Implement a loyalty program where users can earn points and redeem them for discounts or free items.
2. Diet and Allergy Customization:
    - Introduce features that allow users to customize meals based on dietary preferences and allergies, ensuring a personalized eating experience.
3. Dynamic Pricing Model:
    - Implement dynamic pricing strategies where prices can vary based on demand, special offers, and peak hours to maximize revenue and efficiency.
4. Subscription-Based Services:
    - Introduce a subscription model for regular deliveries, such as weekly meal plans, which could be particularly appealing to busy professionals.
5. Multi-Language Support:
    - Expand the app's accessibility by adding multi-language support, making it easier for non-native speakers to use the platform.
6. Health-Conscious Menus:
    - Collaborate with nutritionists to identify the macro and micro nutrient composition to suit health conscious customers
7. Advanced Analytics Dashboard for Sellers:
    - Provide sellers with an advanced analytics dashboard to track sales, customer preferences, and seasonal trends, helping them make data-driven decisions

KEY TAKEAWAYS

Technical Aspects

1. Web Development Skills: Understanding of how to set up and manage user authentication, session management, and user-specific views.
2. Object Oriented Programming: Gained a more thorough knowledge of object oriented concepts.
3. UI/UX Design: We needed to design user-friendly interfaces and interactions, such as forms for login, registration, menu selection, and feedback, emphasizing intuitive navigation.
4. Responsive Design: We needed to ensure the application functions efficiently across different devices and platforms, focusing on a seamless mobile and desktop experience.
5. Error Handling: In order to guide users properly through the application flow without disruptions we learnt proper error handling, such as handling duplicate entries and validation errors.

Social Aspects

1. Customer Interaction: We learnt to design systems that cater to both buyers and sellers.
2. Feedback Management: We understood the importance of user feedback for continuous improvement of service quality.
3. Problem-Solving: We improved upon our problem-solving skills by addressing the real-time issues and needs that arise from the app.
4. Team Collaboration: We developed skills in collaborative problem solving and project management, coordinating between different team members.
5. Conflict Resolution: While discussing ideas, we how to compromise and formulate ideas that will incorporate everyone’s visions.

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- The contributors to the various apps and softwares that we used to build our project(see resources/references).
- Finally we would like to thank the future users of our app.

RESOURCES/REFERENCES

Resources

- Client: Next.JS, TailwindCSS, Mantine, Typescript
- Server: Node, Express, Sequelize ORM
- Database: MySQL
- Editors: VS Code
- Charts: Lucid Chart, Visual paradigm
- Schedule Management: monday.com

References

- Websites:
    - https://www.geeksforgeeks.org/
    - https://docs.oracle.com/en/java/
    - https://www.youtube.com/
    - https://www.javatpoint.com/
- Books:
    - Loose Leaf for Software Engineering: A Practitioner's Approach book by Bruce Maxim and Roger S. Pressman