

**DEVELOPMENT OF A WEBSITE-BASED ORDERING AND
PAYMENT TRANSACTION APPLICATION AT BERLIAN
CAFE & RESTO**

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ABSTRACT

"Berlian Cafe & Resto, a restaurant located on Bengkalis Island, previously relied on a manual paper-based system for recording food orders and lacked an integrated reporting system for customer data. To address these issues, a food ordering application was developed using PHP programming language with the Laravel Framework and MySQL as the database management system. The research involved direct interviews with Berlian Cafe & Resto to gain insights into the needs of their ordering system. With the desired QR Code scanning feature at dining tables, users can access the website and menu in an integrated process. The development included the addition of an order monitoring feature from the kitchen. This feature allows the kitchen staff to confirm order statuses and provide more transparent information to customers about their order progress. After testing, the application has proven to offer significant benefits for customers who want to order food directly at the restaurant or for those who do not have time to visit the restaurant and prefer to order without queuing. Additionally, the application helps Berlian Cafe & Resto manage customer orders more efficiently when they are physically at the restaurant."

Keywords: *Ordering Application, Website, PHP, MySQL, Laravel, QR Code, Order Monitoring.*