

## **ABSTRACT**

*Advances in information technology have significantly impacted various sectors, including the catering industry. D'Yummy Catering, a catering service located in Bandung, uses a paid mobile application to manage its orders. However, the annual subscription system for this application presents challenges, especially when the company wants to customize features not available by default. Furthermore, the manual process for recording financial reports, separated from the ordering system, makes the financial recapitulation process lengthy. This problem hinders smooth operations and overall order transaction management. This research aims to design and develop a web-based application that can address issues in the catering ordering process in a more structured manner. The application was designed using the PHP programming language and MySQL database, using the Waterfall System Development Life Cycle (SDLC) development method. To ensure system functionality, black box testing was conducted. The results of this study indicate that the application successfully meets the needs of catering order management at D'Yummy Catering. The application simplifies the ordering process, centrally stores customer data, and generates reports in a more structured format.*

*Keywords: catering, ordering, Black Box Testing, web-based application*