

ABSTRACT

Dadar Bobar is a culinary business operating in the food and beverage sector. Based on an interview conducted with the management of Dadar Bobar, the accounting record-keeping within their Point of Sales (POS) system is still performed manually, which can lead to potential errors. To mitigate this risk, a Point of Sales application that includes the recording of sales reports, general journals, and general ledgers is required. The objective of this system is to assist in managing the business processes of Dadar Bobar. The methodology used to develop this system is the Waterfall Model. The modeling diagrams employed for system development include use case diagrams, activity diagrams, class diagrams, sequence diagrams, and an entity-relationship diagram. This application was built using the Laravel framework version 11 with the PHP programming language and utilizes MySQL as its database. The application was tested through manual testing, application testing, and black box testing. The test results indicate that the application is capable of accurately recording sales transactions and generating sales reports, general journals, and general ledgers in accordance with the transaction data.

Keywords: Point Of Sales (POS), Laravel, PHP, MySQL, Black Box Testing, Sales.