ABSTRACT

Angkringan Punokawan has become a culinary icon that combines Javanese culture and tradition with delicious dishes since its establishment. However, over time, Angkringan Punokawan faces challenges in managing increasingly complex food orders. This is due to the lack of use of automation technology, which affects the recording of order data and frequent errors in the ordering and management process. This study aims to design and develop a web-based food ordering information system for Angkringan Punokawan. The manual ordering process that has been used so far is often time-consuming and prone to order management errors. Therefore, this manual ordering system needs to be changed to an automation system. By implementing this web-based application, the management and ordering process becomes better managed and more accurate. This application is developed using JavaScript and PHP programming languages, and is built with the Laravel framework. The use of the Laravel framework provides a strong structure and features that support the development of secure web applications. In the development process, this case study uses the SDLC Prototype method. The Prototype method was chosen because it allows system development in stages, involves end users, is flexible to change, and helps users understand how the system will function. It is important to ensure that the system developed is in accordance with user needs and expectations and minimizes the risk of development errors. Usability testing is carried out to ensure that the application is easy to use by users. In addition, Black Box testing is carried out to test the system thoroughly. Before development, business process modeling is carried out to show how the system functions before the changes, and how the system functions after they are implemented. This provides a clear picture of the changes in Angkringan Punokawan's operations. The results of this study provide the right solution for Angkringan Punokawan in managing and improving the ordering process. Success parameters include increasing the efficiency of the ordering process and order management. With the web-based food ordering information system that has been created, Angkringan Punokawan can continue to grow and provide better service to its customers.

Keywords— Blackbox, Prototype, Food Ordering Information System, Javascript, PHP, and Usability