ABSTRACT

Cafeasy is an application that was built to help carry out business processes for cafes in the city of Bandung, both from the customer and admin side. By using Cafeasy, customers can easily place orders and make payments directly on the application. For admins who are employees or cafe owners, Cafeasy provides bookkeeping features that integrate with inventory data. In the development process, several tests were carried out to ensure that the Cafeasy application was running as it should. The tests carried out in this study were unit testing for the customer and admin side, integration testing for the admin side, and usability testing for the customer side. From the results of unit testing, it was found that 100% of the functions of the units described both from the customer and admin side were running as they should. Then, related modules have been integrated according to their function, and in terms of usability, the Cafeasy application already has a high level of usability and the system has effectively met the needs and expectations of users.

Keywords: *white-box testing, unit testing, integration testing, usability testing, cafeasy*