

ABSTRACT

Fast-food restaurant business has been increasingly widespread in the instant era because it looked busy people who are getting higher as the answer. Not only that, almost every restaurant has a variety of business processes order and delivery to meet the needs of customers such as by phone, sms, web, and mobile applications. KFC is a well-known fast food restaurants in the world to provide the types of menu and have a delivery service to meet the needs of customers through telephone method. With the increasing development of technology and the movement of human activities is high, then the order and delivery can be implemented in mobile applications. One of the mobile operating system Android is growing rapidly. Android has been used by the general public that can be used by the middle to lower at a cheap price. Then the order and delivery process created in Android mobile applications on customer and web applications on admin.

Order and delivery of information systems based on Android is used using waterfall methods in solving the problem. Waterfall method has the research phase consists of preliminary phase, analysis and design phase, implementation phase, the phase of analysis and evaluation of the results by analyzing existing business processes first to find the necessary requirements in the development of the system. Analysis and design of systems using object oriented design that usecase, class, activity and sequence diagrams. Application Testing performed by the method of black box and user acceptance test. In Admin itself using PHP web based application Code Igniter.

In this research, customers can order the applicant through the application and delivery on mobile Android, while the admin can process customer orders with web applications. Android applications on the customer side has some functions that will support order and delivery system. The existence of the registration function that includes a GPS system for the presence of the customer, login functionality, customer account functions, function ordering KFC menu that includes pictures and prices, and function details. On the Admin has the function of sending notifications received orders and print customer order data.

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