

**MOBILE-BASED COFFEE SHOP PAYMENT E-CASHIER
APPLICATION
(CASE STUDY: ETLABORA COFFEE AND ANGKRINGAN)**

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ABSTRACT

Etlabora Coffee & Angkringan is a business in the culinary world, especially coffee, which sells various flavors of coffee from various foreign countries. Nowadays, coffee lovers are increasing because apart from being useful for daily needs, coffee can increase energy and concentration. The service at Etlabora Coffee & Angkringan still uses conventional sales methods in an effort to provide service to customers. This situation results in a lack of effectiveness and efficiency in carrying out the tasks carried out by cafe employees. For this reason, the author proposes an application that can be a place for orders and payments so that it can make it easier for Etlabora Coffee & Angkringan cashiers to make menu orders and payments. In system design, the Linear Sequential Model (LSM) method is used, while the Android application creation uses Android Studio with the Java programming language. This article uses the Firebase database and the payment method uses a payment gateway to make it easier for buyers to make payments. The design of the Etlabora Coffee E-Cashier application produces several page functions such as login page, registration page, main page, coffee page, non-coffee page, snack page, food page, order history page, and payment page. The blacbox test results show that the application runs according to the needs of the Etlabora Coffee & Angkringan cafe.

Keywords: Cashier, Java, Android Application, Payment Gateway, Linear Sequential Model