

## ABSTRACT

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*Ahadiat Hotel and Bungalows is a three-star hotel located in The Sukasari District, Bandung, West Java. Hotels and bungalows are companies that specialize in service and are accompanied by facilities to support customers such as restaurants, swimming pools, and room meetings. In addition, the hotel also provides individual service packages and corporate service packages. Hotel Ahadiat and Bungalow are some of the hotels that already have web-based applications that serve as marketing media. But the existing transaction system at ahadiat hotel is still manual. To order through a visitor's website should contact the WhatsApp hotel and make a payment by way of a bank transfer or onsite. The transaction to the hotel is done separately based on the facilities provided. The transaction results of each facility will be reported to the front-office hotel to be put together manually using Microsoft excel. Based on the above business process, it allows transaction error and slows performance to make ledger keeping to financial statements. The most favorable, we will, therefore, create an easier one, which often leads to the most lucrative treatment, which often leads to the automation of the one, the journal keeper, to the ledger. This application was created using the programming language of the PHP and the framework CodeIgniter. Additionally, the application is equipped with a feature of the midtrans to make it easier for visitors to make payments. The application development involves using the system development life cycle (SDLC) using the waterfall. And for testing the application using the black box testing method. The one which leads to the conclusion that Web Based Application For Managing Of Hotels Billing Payments Using Payment Gateway is can manage the payment process for room service and other facility services, generate transaction receipt, journal entries and ledgers.*

*Keywords: web-based application, payment gateway, midtrans, hotel*