

## ABSTRACT

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*Ahadiat Hotels and Bungalows are a company that trades in services on HMS. It's fading in no.9, Sukarno, Kec. Sukasari, Bandung, West Java 40152. The Ahadiat Hotels and Bungalows Bandung could be reached 10 minutes by motorized vehicle from the Pasteur toll, or 15 minutes from Husein Sastranegara airport and the Bandung Railway Station. These three points constituted a gateway for tourists to enter the city of Bandung. Around the hotel there are also many shopping malls and entertainment, including the outdoor Paris van Java mall that has become known for the tourists of Bandung. Booking facilities at Hotel Ahadiat and Bungalows still uses the manual method, therefore a web booking application was created to make it easier for customers to place orders remotely. Another problem is that the financial records are still manual so it can cause recording errors. So this application was made to help the finance department get financial reports automatically. This application was developed using the SDLC Waterfall method and the PHP programming language.*

*Keywords: web-based applications, hotel, waterfall, SDLC, PHP, facilities*