

ABSTRACT

Ahadiat Hotel and Bungalow is a service company. Ahadiat Hotel and Bungalow is located on Jl. Sindang Sirna Elok No.9, Sukarasa, Kec. Sukasari, Bandung City, West Java 40152. Ahadiat Hotel and Bungalow is a 3-star hotel that still needs to be developed. A computerized information system is considered capable of facilitating human activities in carrying out activities in all fields, one of which is the billing section with the Real Time Billing method. Based on the results of interviews by Ahadiat Hotels and Bungalows, the recording system is still manual using Microsoft Excel. The purpose of this study was to design a web-based accounting information system using the Unified Modeling Language (UML) and Entity Relational Diagram (ERD) designs and the Waterfall Software Development Life Cycle (SDLC) method. the programming language used is PHP, the framework used in this final project is codeigniter. It was concluded that this web-based application for managing hotel service bills with a real time billing approach has the functionality to add and edit capital owner master data, add and edit voucher master data, add input journal transactions, add capital transactions, view real time billing, perform close bill and check-out, view real time billing history reports, view capital card reports, and view balance reports.

Keywords: Web Based Application, Real Time Billing, Codeigniter4