

ABSTRACT

Raudhatul Athfal is one of the institutions of early childhood Islamic education that grows and develops in Indonesia. RA Bahrul Ilmi was established in 2010 and is located on Sukapura Street RT 03 RW 02 Kec. Deyeuhkolot, Bandung Regency. The payroll process at RA Bahrul Ilmi is still said manually, starting from the presence done manually can result in loss of teacher attendance data that affects payroll transactions. Recording financial statements is also still manual using the teacher's cost book, this allows for errors in the recording process or other calculation errors. Teacher presence that is integrated with RFID, calculates salaries based on attendance and other components, is able to make accounting records from the patrol process starting from journals, ledgers, and presenting payroll reports. The system design uses Unified Modeling Language (UML) and Entity Relationship Diagram (ERD) and uses the Prototype method with the development of Software Development Life Cycle (SDLC). The implementation user PHP programming language with CodeIgniter Framework and MySQL database. Application testing uses the Black Box Testing method for the functionality of the application.

Keywords: payroll, web-based application, CI framework, SDLC