

ABSTRACT

The Neighborhood (Rukun Tetangga/RT) is a presidential government system that only comprises a small part of the community in a certain area. The scheduling process of the supporting equipment for the residents in RT 09/09 housing does not yet have a scheduling system. Also, there is no supporting equipment payroll system in RT 09/09 housing. Monthly payroll system is taken from cash contributions. Cash management comes from community fees, such as routine cash fees, cleaning and security with nominal amount that comes from mutual agreement. From these results, arise the idea to build a RT management system, especially in managing the scheduling of resident housing support devices, therefore a web-based application is created for scheduling management, resident housing support tools using the PHP programming language and the CodeIgniter framework. The development is using the System Development Life Cycle (SDLC) with waterfall method. The testing test used the black-box testing method. Therefore, it can be concluded that this we-based application would be used for RT management purposes.

Keywords: rt, management, scheduling, payroll, php, codeigniter, black-box testing