

ABSTRACT

Peaceful Land, located in Sukajaya Village, Lembang District, West Bandung Regency, is a foundation engaged in the rehabilitation of patients with mental health disorders. Currently, weekly patient reporting by caregivers is still done manually through a WhatsApp group, and there is no available system for recording patient medication dosage statistics. Therefore, this web-based application was developed to facilitate the weekly reporting process and provide a system for recording and monitoring patient medication dosage statistics based on doctors' prescriptions. The application was developed using the PHP programming language, MySQL database, and Laravel framework, following the System Development Life Cycle (SDLC) Waterfall model and tested using the Black Box Testing method. Test results show that this application can assist caregivers in reporting more effectively and accurately, thereby expected to improve the efficiency of patient data management at Peaceful Land.

Keywords: Mental health, Caregiver, Weekly patient reporting, Web-based application