

ABSTRAK

Proses pengajuan bantuan serta asesmen bagi Pemerlu Pelayanan Kesejahteraan Sosial (PPKS) di Dinas Sosial Kota Palembang masih dilakukan secara *semi-manual*, menggunakan dokumen *Microsoft Word* yang dicetak dan diisi secara manual baik pada saat pengajuan maupun saat pendataan di lapangan. Metode ini seringkali menimbulkan ketidakakuratan dalam penentuan kelayakan dan kesesuaian persyaratan calon penerima bantuan. Penelitian ini bertujuan untuk meningkatkan akurasi, efisiensi, dan transparansi dalam proses penyaluran bantuan PPKS dengan mengembangkan aplikasi berbasis *Android* yang menerapkan metode *Simple Additive Weighting (SAW)*. Metode *SAW* dipilih karena kemampuannya dalam melakukan penilaian terhadap berbagai kriteria secara objektif dan sistematis. Aplikasi yang dikembangkan memungkinkan petugas melakukan pendataan dan asesmen langsung di lapangan, serta mengelola data secara digital dan *real-time*. Hasil implementasi menunjukkan bahwa aplikasi ini mampu mengurangi kesalahan dalam pengelolaan data, mempercepat proses analisis, dan menghasilkan keputusan yang tepat terkait prioritas penerima bantuan. Secara keseluruhan, penggunaan metode *SAW* dalam aplikasi *Android* ini meningkatkan keakuratan, efisiensi, dan transparansi penyaluran bantuan sosial, serta memberikan kontribusi positif terhadap pelayanan publik yang lebih responsif dan berbasis data.

Kata Kunci; Aplikasi, *Android*, Dinas Sosial, PPKS, *Simple Additive Weighting (SAW)*

ABSTRACT

The process of submitting aid applications and conducting assessments for Persons in Need of Social Welfare Services (PPKS) at the Social Affairs Office of Palembang City is still carried out in a semi-manual manner, using printed Microsoft Word documents that are filled in manually, both during the application stage and data collection in the field. This approach often results in inaccuracies when determining eligibility and compliance with aid requirements. This study aims to improve the accuracy, efficiency, and transparency of the aid distribution process for PPKS by developing an Android-based application that applies the Simple Additive Weighting (SAW) method. The SAW method was selected for its capability to evaluate multiple criteria objectively and systematically. The application enables field officers to conduct assessments and data collection directly on-site while managing information digitally and in real time. Implementation results show that the application successfully reduces data management errors, speeds up the analysis process, and produces accurate decisions regarding the prioritization of aid recipients. Overall, the use of the SAW method in this Android application enhances the precision, efficiency, and transparency of social aid distribution, contributing to a more responsive and data-driven public service.

Keywords: *Application, Android, Social Service Office, PPKS, Simple Additive Weighting (SAW)*