

ABSTRAK

UPTD Panti Sosial Rehabilitasi Penyandang Disabilitas Sensorik merupakan unit di bawah Dinas Sosial Provinsi Sumatera Selatan yang bertugas memberikan layanan rehabilitasi sosial bagi penyandang disabilitas netra, rungu, dan wicara. Setelah menjalani proses rehabilitasi yang mencakup pelatihan kemandirian, interaksi sosial, kemampuan komunikasi, keterampilan/vokasional, serta stabilitas emosi dan perilaku, pihak panti perlu menentukan apakah seorang klien telah siap untuk dikembalikan ke masyarakat melalui proses reintegrasi sosial, namun penentuan rekomendasi tersebut belum didukung oleh sistem yang terstruktur, sehingga pengelolaan data dan dokumentasi hasil penilaian klien menjadi kurang terorganisir. Penelitian ini bertujuan membangun Sistem Pendukung Keputusan (SPK) berbasis website untuk membantu proses penilaian dan penentuan rekomendasi reintegrasi klien penyandang disabilitas sensorik pada UPTD tersebut. Metode pengambilan keputusan yang digunakan adalah *Simple Multi-Attribute Rating Technique* (SMART), yang menilai setiap klien berdasarkan lima kriteria berbobot, yaitu Kemandirian, Interaksi Sosial, Kemampuan Komunikasi, Keterampilan/Vokasional, dan Stabilitas Emosi & Perilaku. Sistem dikembangkan menggunakan metode *waterfall* dengan teknologi Laravel, PHP, MySQL, dan Bootstrap, serta terdiri dari tiga peran pengguna yaitu Admin, Pegawai, dan Pimpinan. Hasil pengujian menggunakan metode *black box testing* menunjukkan bahwa seluruh fitur sistem berjalan sesuai dengan kebutuhan fungsional yang telah dirancang. Sistem ini diharapkan dapat membantu panti sosial dalam melakukan penilaian klien secara lebih objektif, sistematis, dan terdokumentasi.

Kata Kunci : Sistem Pendukung Keputusan, SMART, Reintegrasi Sosial, Disabilitas Sensorik, Website

ABSTRACT

The Social Rehabilitation Institution for Persons with Sensory Disabilities is a unit under the Social Services of South Sumatra Province tasked with providing social rehabilitation services for persons with visual, hearing, and speech disabilities. After undergoing a rehabilitation process that includes training in independence, social interaction, communication skills, skills/vocational skills, and emotional and behavioral stability, the institution needs to determine whether a client is ready to be returned to the community through a social reintegration process, but the determination of these recommendations is not yet supported by a structured system, resulting in data management and documentation of client assessment results being less organized. This study aims to build a website-based Decision Support System (DSS) to assist the assessment process and determine reintegration recommendations for clients with sensory disabilities at the UPTD. The decision-making method used is the Simple Multi-Attribute Rating Technique (SMART), which assesses each client based on five weighted criteria, namely Independence, Social Interaction, Communication Skills, Skills/Vocational Skills, and Emotional & Behavioral Stability. The system was developed using the waterfall method with Laravel, PHP, MySQL, and Bootstrap technology, and consists of three user roles: Admin, Employee, and Leader. Test results using black box testing methods indicate that all system features operate according to the designed functional requirements. This system is expected to assist social care institutions in conducting client assessments more objectively, systematically, and documented.

Keywords : Decision Support System, SMART, Social Reintegration, Sensory Disabilities, Website