

ABSTRAK

Dinas Pendidikan Provinsi Sumatera Selatan dalam pelaksanaan *Recognition Current Competency* (RCC) sering menghadapi kendala dalam menentukan prioritas peserta karena jumlah pendaftar yang melebihi kuota yang tersedia. Proses penentuan prioritas peserta masih dilakukan secara manual dengan mempertimbangkan berbagai kriteria sehingga membutuhkan waktu yang cukup lama dan berpotensi menimbulkan subjektivitas dalam pengambilan keputusan. Penelitian ini bertujuan untuk membangun Sistem Pendukung Keputusan Penentuan Prioritas Peserta *Recognition Current Competency* (RCC) berbasis *website* guna membantu proses pengambilan keputusan secara objektif, cepat, dan transparan. Metode yang digunakan dalam penelitian ini adalah *Technique for Order Preference by Similarity to Ideal Solution* (TOPSIS) yang mampu memberikan peringkat alternatif berdasarkan kedekatannya terhadap solusi ideal positif dan jaraknya terhadap solusi ideal negatif. Kriteria yang digunakan meliputi masa berlaku sertifikasi asesor kompetensi, SPT MAPA, SPT Melaksanakan Asesmen, SPT MKVA, bukti menyusun dokumen MAPA (MUK Versi 2023), dan persyaratan administrasi. Hasil penelitian menunjukkan bahwa sistem mampu melakukan perhitungan dan perangkingan peserta RCC secara otomatis berdasarkan nilai preferensi TOPSIS sehingga menghasilkan rekomendasi prioritas peserta yang lebih objektif, akurat, dan efisien dibandingkan proses manual. Sistem yang dibangun diharapkan dapat membantu Dinas Pendidikan Provinsi Sumatera Selatan dalam menentukan peserta RCC yang tepat sasaran sesuai kebutuhan peningkatan kompetensi asesor dan pengembangan Lembaga Sertifikasi Profesi (LSP).

Kata Kunci: Sistem Pendukung Keputusan, *Recognition Current Competency* (RCC), TOPSIS, Prioritas Peserta, Asesor Kompetensi, Dinas Pendidikan Provinsi Sumatera Selatan.

ABSTRACT

The South Sumatra Provincial Education Office, in implementing the Recognition Current Competency (RCC) program, often faces challenges in determining participant priorities due to the number of applicants exceeding the available quota. The process of selecting priority participants is still carried out manually by considering various criteria, which requires considerable time and has the potential to create subjectivity in decision-making. This study aims to develop a web-based Decision Support System for Determining Priority Participants of Recognition Current Competency (RCC) to assist the decision-making process in a more objective, efficient, and transparent manner. The method used in this study is the Technique for Order Preference by Similarity to Ideal Solution (TOPSIS), which ranks alternatives based on their closeness to the positive ideal solution and their distance from the negative ideal solution. The criteria used include the validity period of competency assessor certification, MAPA assignment letters, assessment implementation assignment letters, MKVA assignment letters, evidence of preparing MAPA documents (MUK Version 2023), and administrative requirements. The results show that the system is capable of automatically calculating and ranking RCC participants based on TOPSIS preference values, thereby generating priority recommendations that are more objective, accurate, and efficient compared to the manual process. The developed system is expected to assist the South Sumatra Provincial Education Office in determining RCC participants more appropriately in accordance with the needs of assessor competency improvement and the development of Professional Certification Institutions (LSP).

Keywords: Decision Support System, Recognition Current Competency (RCC), TOPSIS, Participant Priority, Competency Assessor, South Sumatra Provincial Education Office.