

ABSTRAK

Dinas Koperasi dan UKM Provinsi Sumatera Selatan masih menghadapi kendala dalam menentukan prioritas pembinaan koperasi sehingga kurang efektif dan objektif. Penelitian ini bertujuan membangun Sistem Pendukung Keputusan menentukan prioritas pembinaan koperasi. Sistem dikembangkan menggunakan metode Waterfall dengan menerapkan metode Criteria Importance Through Intercriteria Correlation (CRITIC) untuk pembobotan kriteria dan Measurement of Alternatives and Ranking according to Compromise Solution (MARCOS) untuk proses perankingan koperasi. Hasil penelitian berupa aplikasi yang mampu mengelola data koperasi dan kriteria, melakukan pembobotan, menghasilkan perankingan, serta menyajikan rekomendasi prioritas pembinaan. Berdasarkan pengujian Black Box Testing, seluruh fungsi sistem berjalan sesuai dengan kebutuhan. Sistem ini diharapkan dapat membantu Dinas Koperasi dan UKM Provinsi Sumatera Selatan dalam menentukan prioritas pembinaan koperasi secara lebih objektif, efektif, dan efisien.

Kata kunci: Sistem Pendukung Keputusan, Prioritas Pembinaan Koperasi, CRITIC, MARCOS, Waterfall.

ABSTRAK

The Department of Cooperatives and SMEs of South Sumatra Province still faces challenges in determining the priority of cooperative development, resulting in a process that is less effective and objective. This study aims to develop a Decision Support System to determine the priority of cooperative development. The system was developed using the Waterfall method by implementing the Criteria Importance Through Intercriteria Correlation (CRITIC) method for criteria weighting and the Measurement of Alternatives and Ranking according to Compromise Solution (MARCOS) method for ranking cooperatives. The research resulted in an application capable of managing cooperative and criteria data, performing criteria weighting, generating cooperative rankings, and providing recommendations for development priorities. Based on Black Box Testing, all system functions operated according to the specified requirements. The proposed system is expected to assist the Department of Cooperatives and SMEs of South Sumatra Province in determining cooperative development priorities in a more objective, effective, and efficient manner.

Keywords: Decision Support System, Cooperative Development Priority, CRITIC, MARCOS, Waterfall.