

SISTEM PENDUKUNG KEPUTUSAN PENENTUAN PENERIMA BLT DESA TANJUNGSARI MENGGUNAKAN METODE *TOPSIS*, *WEIGHT PRODUCT & PROFILE MATCHING*

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ABSTRAK

Desa Tanjungsari mengalami kesulitan dalam menentukan Bantuan Langsung Tunai yang diberikan oleh pemerintah karena taraf hidup masyarakat di wilayah tersebut tergolong memiliki kemiripan. Hal ini memberikan tantangan kepada pemerintah desa untuk menentukan kandidat seadil-adilnya dan tepat sasaran. Bantuan Langsung Tunai merupakan bentuk perwujudan Intervensi Pemerintah melalui Kementerian Sosial RI dalam rangka memberikan stimulus Pengaman Sosial di tengah masa pandemik COVID-19. Penerimaan Bantuan Langsung Tunai (BLT) di Desa Tanjungsari dilakukan secara manual sehingga berpengaruh pada ketepatan kandidat dan waktu yang tergolong lama dalam menentukannya. Pada penelitian ini dibuat sistem pengambilan keputusan dengan menggunakan metode *Topsis*, *Weight Product (WP)*, dan *Profile Matching*. Berdasarkan hasil penelitian menunjukkan hasil pada perbandingan setiap metode dengan data warga penerima BLT, dimana pada metode TOPSIS terdapat 20 warga yang sama dan 56 warga yang tidak sama, dan metode Profile Matching terdapat 46 warga yang sama dan 30 warga yang tidak sama, dan metode Weight Product terdapat 57 warga yang sama dan 19 warga yang tidak sama. Dari perbandingan setiap metode dengan warga penerima BLT bahwa metode Weight Product hampir mendekati dari data warga penerima BLT.

Kata Kunci : BLT, Sistem Pendukung Keputusan, Weight Product, Profile Matching, Topsis

DECISION SUPPORT SYSTEM FOR DETERMINING BLT RECIPIENTS IN TANJUNGSARI VILLAGE USING *TOPSIS*, *WEIGHT PRODUCT & PROFILE MATCHING* METHODS

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ABSTRACT

Tanjungsari Village has difficulty determining the Direct Cash Assistance provided by the government because the living standards of the people in the area are classified as having similarities. This poses a challenge to the village government to determine the fairest and most targeted candidates. Direct Cash Assistance is a form of embodiment of Government Intervention through the Indonesian Ministry of Social Affairs to provide a Social Security stimulus during the COVID-19 pandemic. Receiving Direct Cash Assistance (BLT) in Tanjungsari Village is done manually so that it affects the accuracy of candidates and the relatively long time in determining them. In this research, a decision-making system was created using the Topsis, Weight Product (WP) and Profile Matching methods. Based on the results of the study, the results show a comparison of each method with data on BLT recipient residents, where in the TOPSIS method there are 20 residents who are the same and 56 residents who are not the same, and the Profile Matching method there are 46 residents who are the same and 30 residents who are not the same, and the Weight method The product has 57 equals and 19 unequal members. From a comparison of each method with BLT beneficiaries, the Weight Product method is close to the data for BLT beneficiary residents.

Keywords: BLT, Decision Support System, Weight Product, Profile Matching, Topsis