***Decision Support System for Selection of Paskibraka Candidate Members of Sidoarjo Regency Using the TOPSIS Method***

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## *ABSTRACT*

*The Flag Raising Troops (Paskibra) have a strategic role in the implementation of the commemoration ceremony of the Republic of Indonesia Anniversary (HUT RI), so an objective and systematic selection process is needed. This research develops a Decision Support System (SPK) based on the TOPSIS (Technique for Order Preference by Similarity to Ideal Solution) method to handle multi-criteria decision making efficiently. The system was designed using a waterfall model software engineering approach and implemented in a web-based platform to facilitate the selection process in a structured manner. Selection criteria are determined through interviews and literature studies with the authorities, covering various aspects of the assessment of prospective participants. The data obtained from prospective participants is substituted into the stages of the TOPSIS method with the final result in the form of preference values used to rank prospective members objectively and transparently. Tests were conducted with 80 data on Paskibraka candidates with an accuracy rate of 97.5%. Proving that the system can help the selection committee in determining the acceptance of Paskibraka members in Sidoarjo Regency.*

***Keywords:*** *Paskibraka, Decision Support System, TOPSIS Method, Admission Selection*