

**POLICE INVESTIGATOR DECISION SUPPORT SYSTEM USING  
WEIGHT PRODUCT (WP) METHOD**

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**ABSTRACT**

SPK Selection of Prospective Police Investigators using the Wight Product method (Case Study at the Tugu Police), Figo Fajar Yulianto, Nim. E41191965, Year 2023, TI, Jember State Polytechnic, and supervisor named Trismayanti Dwi P, S.Kom, M.Cs. The SPK for the Selection of Prospective Investigators at the National Police's Criminal Investigation Agency (a case study at the Tugu Police) is useful as an alternative decision-making by providing subjective and intuitive considerations of factors that are considered important. This consideration is in the form of giving the weight involved using the Weight Product method. The result of the calculation using the Weight Product method is in the form of a member's rating in which the rank of the weight is seen based on the value given according to the ability of each member. The value is given by the head of each investigative division. The value of the members given is calculated together with the weight of the criteria that have been given by the head of each division and counted. After conducting User Acceptance Testing (UAT), the results showed that 103 respondents chose to strongly agree and 77 respondents chose to agree with the statements given. The percentages obtained were 57.2% for respondents who chose to strongly agree and 42.7.9% for respondents who chose to agree. And the result of the overall total obtained is 91.44%, and for system testing comparing system results with manual results has an accuracy presentation rate of 100%, It can be concluded that the system that the author made is as expected.

Keywords: Police, SPK, Weight Product