

## **ABSTRACT**

### ***DECISION SUPPORT SYSTEM FOR SELECTION OF TOURISM DESTINATIONS IN CILACAP USING THE WEIGHT PRODUCT METHOD***

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*Tourists who travels in Cilacap Regency can experience problems, namely the wrong choice of tourist object to visit. Sometimes tourists also only visit tourist objects that other people think are good, even though they don't necessarily meet the desired criteria. The purpose of conducting this research is to create a system that is able to provide the best travel advice in Cilacap Regency that is easy to understand and the results are in accordance with the wishes of the user. The value of the criteria used is the price of the entrance ticket, the completeness of the facilities, the distance to the Cilacap city terminal and the value of the tourist review. The method used is the Weight Product with the initial process of giving weight to each criterion and the weight is then normalized to then find the value of Vector S and Vector V. This research produces a web system. The results of system calculations and manual calculations produce appropriate tourist recommendations. This system draws conclusions from the ranking results of the system, then the results of the 5 best tours are obtained with the input of importance weighting Cheap Entrance Ticket Prices, Complete Facilities Complete, Distance from the City Terminal Very Close and Good Review Value is 1. Fort Pendem of 5.243%, 2 5.209% Sea Village Mangrove/Brackish Forest, 3. Nusakambangan White Sand Beach 5.093% 4. Brackish Forest Tourism 4.926% and Turtle Bay Beach 4.673%. The system has been tested by BlackBox Testing and shows that all functions in the system can run according to instructions.*

***Keywords: decision support system, product weighted, cilacap tourism***