ABSTRACT

RESTAURANT SELECTION MOBILE APPLICATION IN PALEMBANG CITY USING TECHNIQUE FOR ORDER PREFERENCE METHOD BY SIMILARITY TO IDEAL SOLUTION (TOPSIS)

Culinary tourism is a tourist activity by visiting the places where culinary providers exist in an area. Palembang has many restaurants, but the lack of information known to the residents is an obstacle to choosing a culinary place that suits the needs, so it needs a system that can help the selection of solutions based on user needs. The TOPSIS method uses the principle that the chosen alternative must have the closest distance from the ideal solution and the furthest distance from the ideal solution from a geometric point of view by using the Euclidean distance to determine the relative proximity distance of an alternative with the optimal solution. The TOPSIS method is implemented as an alternative method of ranking solutions on the system.

Keywords: android, restaurant, topsis, spk, mobile