ABSTRACT

For an institution (the host) choose a venue for guests to be a problem in it self. How it is because many lodging alternatives , factors to be considered , and the conditions - the desired conditions .

One way to solve unstructured problems, then the solution is to use decision support system (DSS). Decision support systems (DSS) are made using the method Hierarcy Analytic Process (AHP) and the Profile Matching . Hierarcy Analytic Process (AHP) is used for weighting each determine Profile Matching criteria and methods used to determine the conditions desired by the agency. Criteria Jatropha has 4 sub criteria, ie the distance to the nearest college accommodation , lodging distance to places of worship , distance to the specialty restaurants, and the distance of the inn to the tourist attractions . The criteria have been used to have 17 sub-criteria , ie room service 24 hours , brankas, wifi , meeting room , air conditioning , bar , tables state , hair dryer , tv , shower , refrigerator , laundry , luggage storage , swimming pool , shuttle service and rental car .

With the selection decision support system inn can assist agencies in finding a venue for guests agencies in accordance with the conditions desired by the agency.

Key : *criteria, lodging, models, profiles*