

ABSTRACT

DECISION SUPPORT SYSTEM HONDA CAR SELECTION USING PROMETHEE METHOD

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Decision support system is a computerized system designed to improve the effectiveness of decision-making to solve problems that are semi-structured and structured so that the decision-making process is done better quality.

In globalisation era, car become the land transportation that very important for most people. Most people use the car to perform their daily activities. This makes the car manufacturers to create a car with a variety of advantages. So, consumer become confuse when wanna choose car because many type of cars and the criteria. Criteria that most used in car choosing is the price, type of car, fuel, transmission, passenger capacity and engine capacity. Purpose of this research is to build decision support system for choosing Honda car that can used by consumer that will be bought Honda car.

This decision support system using the Promethee method. The methodology that used is the Waterfall and use the programming language PHP and MySQL as the database.

The results of this research can be use by consumer for choosing car that matching with the criteria and the requirement.

Keywords : Promethee, criteria, decision support system