# ABSTRACT

A lot of of kitchen appliances is one of the needs of the community. Various shops and distributors of household appliances compete in providing kitchen equipment, one of which is a PD. Maribaya Abadi. With the times, the customer PD.Maribaya Abadi increasing. Many types of kitchen equipment for sale, often making customers feel confused in buying the right item according to the criteria which they want. To improve customer service PD. Maribaya Abadi, needed an application that could provide services to the customers in making purchase decisions.

To solve the problems which discussed above, the researchers will conduct research in PD. Maribaya Abadi. Application purchase decision support system to be built by the researchers is one of the solutions to overcome this. The system is built, focused on decision making Tecnogas products. The system uses the PHP programming language and MySQL as the database, and the Fuzzy Multi Attribute Decision Making as a method of decision-making.

Decision support systems built by the researchers expected to enhance the company's service to its customers. Decision support systems are built to help customers in purchasing decisions Tecnogas products.

*Keywords: Decision support systems, Fuzzy Multiple Attribute Decision Making, Web-based, purchase, MySql.*