

ABSTRACT

In a hotel there is a restaurant facility that serves a variety of food and beverage menus. In increasing sales of the menu, it takes a favorite menu as a recommendation for consumers. The favorite menu can be retrieved from managed sales data. The purpose of making this application is to provide convenience for restaurants in managing sales data to produce favorite menu recommendations. The favorite menu recommendations in this application are generated using data mining clustering techniques with the K-Means method. This application is built using the PHP programming language with the CodeIgniter Framework and MySQL for database storage. This application is tested using the Black Box Testing method so that the application created can run as expected.

Keywords: recommendation, clustering, data mining, K-Means