Abstract

Towards graduation , students need to be directed in choosing a career that will be undertaken. The briefing aims to work career they choose in accordance with their skills. To make it easy for students in finding suitable work. In this research, the process of matching jobs by CV using Prism algorithm .

Prism algorithm is a method that classifies the data based on the maximum value catagories possible values of each attribute. Then the maximum value of the attribute data obtained in each category divided by the overall data. If you already have the maximum value, the maximum value of each attribute all be combined. The result of this combination will be used as a rule.

This system will also evaluate generated by looking at the rule, whether the data generated in accordance with the rule that the manual labeling has been done on the data to determine the value testingnya accuracy. The results of this study are in accordance with the recommendation of work ability of job applicants. The results of this study, Prism algorithm to provide recommendations on the job with the best accuracy of 87.11 % .

Keywords : *job recommendation, Prism algorithms*