

Abstract

The processing data to selection of majors students in case study of SMA 4 Samarinda still tend to take a long time in which a student grade is calculated and conducted with interviews the student parents and then the results of the process will be taken into consideration whether the student is worthy or not in the majors enthused.

TOPSIS method is method that can be used in this research, because this method has the final result of grading that can be used to determine the studentf worthy or not in the majors enthused. This research used two scenario, using the total amount of data and use the total amount data specialization to transform students into a weight value. the final result of this research is the accuracy value using scenarios the amount of data specialization which is the best scenario which amounted to 86.84% for interest 1 of IPA and interest 2 of IPS, 87,27% for interest of IPA and interest in two languages, adn 78,75% for interest 1 of IPS and interest 2 of language with a total value reached 86,33% accuracy using the 183 number of data student that is processed using TOPSIS method.

Keywords :*TOPSIS, Java, Major*