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| Independent Study Title | Predictive Software for Montfort College Students' Selection of Program in Chiang Mai University Quota-Admission Examination Using Rule-based Classifier Technique |
| Author | Mr.Peerapong Bualueang |
| Degree | Master of Science (Computer Science) |
| Advisor | Assistant Professor Dr.Chumphol Bunkhumpornpat |

ABSTRACT

This independent study aims to develop a predictive software for choosing a program in Chiang Mai University quota admission examination of Montfort College students using rule-based classifier technique. Ripper algorithm is used to find rules that are hidden in both student data of Montfort college and higher-education information of Chiang Mai University. The selection of data is used to break in proportion to learn information and the test data are 70: 30 and 80: 20 to ensure that the model is accurate as much as possible. The model was developed using the average accuracy of measurement model generated when using information from all the data 5 test series. The study found that the average accuracy are 95.24 and 96.22 respectively. The average total accuracy is 95.73. The model can be used in the prediction for choosing program in Chiang Mai University quota admission examination of Montfort College students to help students decide the choice in education.