ABSTRACT

Course selection mechanism of high school using Backward Chaining method

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Course selection mechanism at High School level is conducted through several stages: National Exam score, quota system, interview, and result determination. The mechanism is done based on the assessment of the results shown in the supporting documents, meaning there is no stage where the students are tested talent skills to the majors. Hopefully with the selection of appropriate majors, students will be easy to pursue their studies later at the college level. This study is trying to add a process of talent and interest test, where the test results will be collaborated with the selection stage of the majors with the old mechanisms. Interest tracing is done by implementing an expert system concept using a backward chaining method. With the results of the development of a course selection mechanism is expected to be able to make confidence and confidence for the students in the proper study and according to their interests and talents.

***Keywords**: Course Selection ,Talent, Skills, Backward Chaining*

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