

DEVELOPMENT OF STUDY PROGRAMME CHOICE RECOMMENDATION MODEL IN HIGHER EDUCATION BASED ON INFORMATION TECHNOLOGY FOR HIGH SCHOOL STUDENTS IN YOGYAKARTA

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ABSTRACT

Decision-making problems are often experienced by students who will continue their education to higher education. The inability of students to make decisions to choose a study programme in college is due to self-understanding including intelligence, talents and interests as well as understanding the environment, especially information on study programmes in college. Therefore, a recommendation model is needed for choosing a study programme in college based on the results of psychological tests packaged in an information technology format. The recommendation model based on information technology will provide effective and efficient information for the needs of high school students. Thus, this research aims to develop an information technology-based recommendation model for high school students in Yogyakarta. The model is used to assist guidance and counselling teachers in providing direction to high school students regarding the selection of study programs in higher education based on the accuracy of students' self-understanding and environmental understanding.

Kata Kunci: *Recommendation, Study Programme Selection, Higher Education*