
Abstract

Every High School Students who has registered theirself to choose a Study Program at the Seleksi Nasional Masuk Perguruan Tinggi Negeri (SNMPTN) must be very hopeful that he will qualify for one of the selected Study Programs. SNMPTN limits students who will enter PTN with quota of 40% in 2016 and almost always decreases each year until 2019, SNMPTN quota was 20%. In fact, in range of 2016, 2017, and 2018 students who passed the SNMPTN were always than 20% of the total registrants. This can be caused by high school students being too pushy to choose their favorite Study Program. Therefore, in this TA, a Decision Support System (DSS) is proposed which expected this system can help high school students to choose some Study Programs. PROMETHEE is used in the development of DSS. Weighting process in PROMETHEE method will use Knowledge Measure.

Keywords: SNMPTN, DSS, PROMETHEE, graduates