

**Sistem Penyeleksian Siswa Program PL2TH (Prediksi Lulus 2 Tahun)**

**Menggunakan Metode *Simple Additive Weighting***

Pembimbing (1 Orang)

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***ABSTRACT***

*The PL2TH Program (2 Year Pass Prediction) is one of the academic service programs at SMAN 1 Gondangwetan aimed at students who have above-average general intellectual abilities. The selection is done manually and takes a long time. Therefore, a student selection system for the PL2TH Program (2 Year Pass Prediction) was built using the Simple Additive Weighting Method. The Simple Additive Weighting method was chosen because it can choose the best alternative from alternatives because of the ranking process after determining the weight for each attribute. The criteria in the selection include the first semester report card, spiritual attitude assessment, and social attitude. System development is done by prototyping method, with system design using UML, namely use cases, activity diagrams, and class diagrams. There are several features in the system, namely login, alternative, criteria, sub-criteria, assessment, calculation report, change password. Obtained the appropriate level from the PIECES Framework of 100% from the domains of Information and data, Economy, Control and security, Efficiency and Service and performance of 103.5% which means the level of importance and satisfaction is directly proportional.*

***Key words:*** PL2TH, simple additive weight, system