ABSTRACT

Selection subjects of study is the subjects that has to be taken by students. Although, almost all students forgetting this problem, but it has big enough effect.

Selection subjects of study is not structured problems, so we will make it into structured problem. Because of that, in this final project decision support system (DSS) software for election of selection subject in STTTelkom informatics engineering will be developed. It has function to help students for easier to do the election of selection subjects as according to what they want.The output for this system is the rank of the best selection subjects according to each students.

The methods that used in this decision taking is AHP (Analytical Hierarchy process) and RICH (Rank Incluasion in Creteria Hierarchies). This software will be implemented by using Delphi 7.0 for Application programming and SQL Server 2000 for the database

Keywords : AHP (Analytical Hierarchy process) ,RICH (Rank Inclusion in Criteria Hierarchies), DSS (Decision Support System).