Abstract
There are many elective courses offered in bachelor program of informatics at Telkom University. This condition often causes students confused to determine which elective courses they need to take. In this final project, a recommender system for elective courses has been developed. The tool applies an ontology of courses. Recommendations are performed based on the ontology and students' grades on prerequisite courses. Recommendations is determined based on probabilities for student suitability with each elective subject based on student grades in a prequisite course. The experiment results show the tool can give accurate recommendation, indicated by high accuracy, 90%.