Abstract

Advisory is a stage that must be passed by each student at the time of registration of the new semester. In the process of advisory, students apply the course to be taken to the faculty advisor, then the advisor will assist teachers with providing recommendations for student courses guardian especially in making course selections. Otherwise, a recommendation system is made to help the advisory process. System recommendations are made with the technique of data mining algorithm using CARMA (Continuous Association Rule Mining Algorithm). Results prove that the implementation of CARMA algorithm can be used to complete the recommendation process elective courses. This recommendation is based on association rules are formed. The values obtained are minimum confidence = 50%, and support sequence = 0.4.

Keyword : advisory, recommendation, CARMA, minimum confidence, support sequence