

ABSTRACT

Scheduling the hearing PA / TA is a process carried out to obtain the appropriate preparation of the implementation of the trial court that the implementation of the PA / TA can be done well. Currently the process of scheduling the hearing PA / TA at Faculty of Information Technology experience many obstacles, it is due to scheduling trial preparation PA / TA is still done manually. With the manual system may lead to the need of time because in the preparation must consider several factors in order to schedule the hearing the desired settings are not having clashed on setting hearing examiner, courtroom, and time of the trial it is difficult to achieve.

There are several techniques and approaches in solving scheduling problems. One of the techniques of scheduling problems by using data mining application. Data mining is the extraction or mining activity knowledge from data size / large numbers, this is the information that will be very useful for development. In this final will make solving the problem of scheduling the hearing PA / TA Information Engineering faculty using Integer Programming models, where the model has an objective function meets all of the major constraints and maximize the satisfaction of the appropriate use of time for scheduling the hearing PA / TA.

Keywords: scheduling assembly PA / TA