**ABSTRACT**

**Dicki Rizki Amarullah (2016320010)**

***Application of C.45 Algorithm to Determine Factors for Approval of Subsidized Home Loans in Cahaya Darussalam 2 Bekasi.***

*Enthusiasts of subsidized houses through Bank KPR are increasing, home consumer data is increasing in number, both consumers whose credit is approved or not, but consumer data has not been maximally utilized in finding important information for the company, such as finding what factors determine credit approval home, so that it can speed up the process, no need to wait for the bank to check that takes a long time, so consumers can find out the results faster. With the maximum utilization of home consumer data, these data can provide information that has not been known before, so companies need analytical tools to find that information. Data mining is a technique to explore hidden information and has only been kept as an archive. C.45 algorithm is a data mining method that aims to produce classification rules through classification rules and prediction related to artibut as parameters created as criteria in tree formation, which strengthens the classification rules found. The results of this study, find out what my factors determine the approval of subsidized home loan.*

***Keywords: C.45 Algorithm, Clasfication Rules, Data Mining***