

ABSTRACT

With the existence of ACFTA, the more competing world of business in Indonesia sue every company to run their company management professionally if doesn't want to go bankrupt. With many competitors this time, every company must have good performance, seen from the health of that company. Company's health can be seen from its financial management and strategic management. Financial management and strategic management are affecting the continuity of company operational activity and presence of the company.

Several methods that used to evaluating the health are Financial Ratio Analysis and SPACE Matrix. Moreover, health evaluation can be based on Kepmen BUMN no. 100 year 2002. In fact, calculating and analyze process of this methods is not easy, and need a long time to analyze, so the design of an expert system is necessary.

This expert system designed with PHP programming language and MySQL for database. This expert system application will help company to do the health evaluation and strategic. The health evaluation include the Financial Ratio Analysis (there are twelve financial ratios that can be classified to four group of ratios), Du Pont Analysis (to know the value of Return of Investment and relationship between the ratios) and evaluating company's health based on Kepmen BUMN no. 100 year 2002, whereas strategic evaluating include strategic position evaluating with SPACE Matrix

Keywords: expert system, Financial Ratio Analysis, Du Pont analysis, health level evaluating, SPACE Matrix.