Appearance some company bankruptcy cases in horrendous United States [of] corporate world circle that is case Enron, Worldcom and Tyco gate that happened because incidence of difficulty of finance is so that tip at company bankruptcy. In Indonesia difficulty of finance that happened become the bogey for all that good element of owner of laboring employees and company in it. Is while in Indonesia, study concerning prediksi effect bankruptcy difficulty of finance still seldom be done. In this final duty is explained by concerning how do memprediksi resulted from by the X company bankruptcy of difficulty of finance by using one of [the] artificial nerve network method that is algorithm backpropagation (JST-BACKPRO). Data the used is finance ratio data a\n the company active in finance. With process training for the recognition of data pattern and process testing to do prediksi and also system analysis which have been done [by] got conclusion that JST-Backpro can memprediksi company bankruptcy with tired accuracy more than 90%.

**Keyword:** Enterprise bankruptcy prediction, artificial neural networks, backpropagation algorithm