

## **ABSTRACT**

*Furniture is furniture that is needed, used, useful and liked, such as items or objects that can move around and are used to complement a house, office and other places. Furniture craftsmen sometimes experience difficulties in managing data regarding the inventory and receipt of furniture orders which are often over and under production due to inaccurate production data. To support an effective supply of furniture, a system that can overcome this problem needs to be designed. The author applies the Naïve Bayes algorithm to provide a solution in predicting inventory and receipt of furniture orders taken based on data from several years ago. So, it can help in determining the inventory of furniture stocks according to your needs and desires and produce alternative choices of furniture stock options.*

*Keywords: Production, Furniture, Naïve Bayes Algorithm.*