**NAÏVE BAYES CLASSIFIER ALGORITM APPLICATION**

**SURGICAL HELP TO DETERMINE THE HOUSE**

**IN VILLAGE KRAPYAK**

**THESIS**



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IN VILLAGE Krapyak

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*ABSTRACT*

*Help House No Livable (RTLH) or Surgery house is the compensation given by the government to the poor to relieve the burden on the economy. In the village area Krapyak this assistance when recipients considered eligible and the criteria specified for example: the floor is ground, the walls still bamboo, endangering the roof structure, the control status of the building, water resources, as well as electrical power. The research was done because many weaknesses underlying the assessment system used. In the village still Krapyak ratings are subjective and manuals, it is very difficult for the selectors to determine candidates for surgical assistance. By because it was conducted research to create a system that uses an algorithm naive Bayes classifier, which produces labels "Can" and "Can not" having 8 variable to the process of selecting the people who will get help and then applied in programming PHP CodeIgniter Framework. The result of this research is a system that will have three actors, namely the citizens as the applicant, the Village as selectors and Social Office as approved, so residents if it is confirmed to receive surgical assistance home, residents dapet check how the continuation of such assistance when the execution date or the delivery of aid.*

***Keywords:*** *Application of naïve Bayes algorithm, classifier, surgical Help home*

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**Keywords :**Application of naïve Bayes algorithm, classifier, surgical Help home

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# FOREWORD

Thank God the author of praise and gratitude to Allah SWT. For all his grace and guidance that has made it easier so that I can finish preparation of the final report, entitled "Naive Bayes classifier algorithm APPLICATION FOR DETERMINATION OF SURGICAL HELP HOME IN VILLAGE Krapyak" this well. The preparation of this final project as a prerequisite for obtaining a Bachelor degree in Computer (Kom) Program S1 - Information Engineering at the University of Semarang.

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Semarang, December 1st, 2019

Author

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