



PROJECT REPORT
MANGA RECOMMENDATION USING NAIVE BAYES AND DECISION
TREE ALGORITHM

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2022



MANGA RECOMMENDATION USING NAIVE BAYES AND DECISION TREE ALGORITHM

Submitted to fulfill one of the requirements to get

Bachelor

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ORIGINALITY STATEMENT PAGE

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HALAMAN PENGESAHAN



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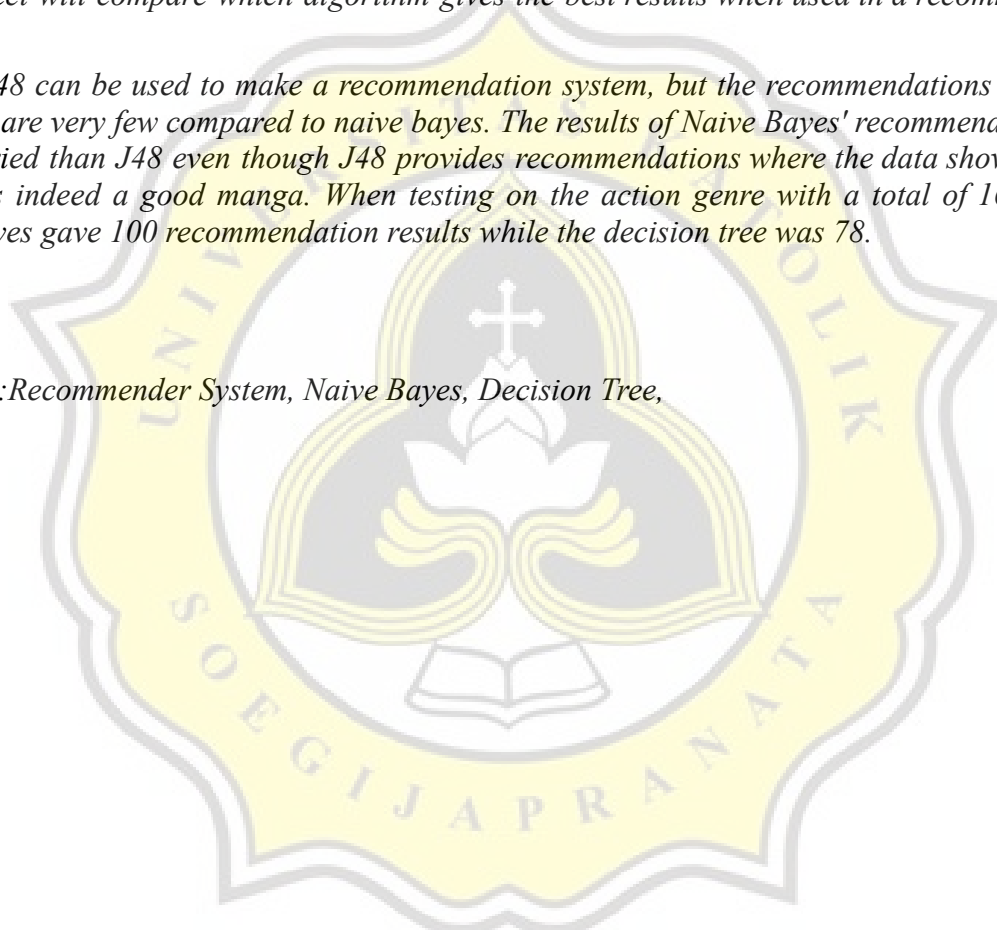
ABSTRACT (Abstract Title)

Manga is a part of Japanese culture that is very popular with people. In reading manga, of course everyone has their own criteria. Therefore, a good recommendation system is needed to assist users in finding the manga that suits their preferences.

To create a recommendation system, the algorithm commonly used is Naive Bayes. However, can we use J48 to create a recommendation system? With manga data in myanimelist, this project will compare which algorithm gives the best results when used in a recommendation system.

J48 can be used to make a recommendation system, but the recommendations generated from j48 are very few compared to naive bayes. The results of Naive Bayes' recommendations are more varied than J48 even though J48 provides recommendations where the data shows that the manga is indeed a good manga. When testing on the action genre with a total of 162 manga, naive bayes gave 100 recommendation results while the decision tree was 78.

Keyword: Recommender System, Naive Bayes, Decision Tree,



Foreword

Praise and gratitude I pray to God almighty because of His mercy and blessings, the author was able to complete the research entitled "Manga Recommendation System Using Naive Bayes and Decision Tree Algorithm".

The author also give thanks to :

1. Mrs. Rosita Herawati S.TM.I.T as a supervising lecturer because of her guidance and patience in the process of completing this research, it has helped the author provide encouragement so that the author can complete this research.
2. Y.b. Dwi Setianto S.T., M.Cs , Yulianto Tejo Putranto S.T., M.T. Yonathan Purbo Santosa S.Kom., M.Sc as the examiner lecturer because thanks to them the author was able to add things that were previously not realized by the author which is now making this research even better.
3. The author's parents who have helped the author both financially and mentally because they are the reason the author was able to follow all the processes from start to finish.

Although this research is still not perfect, the author hopes that this research can help again for people who want to research a case study similar to this research, especially for students who are taking project courses.

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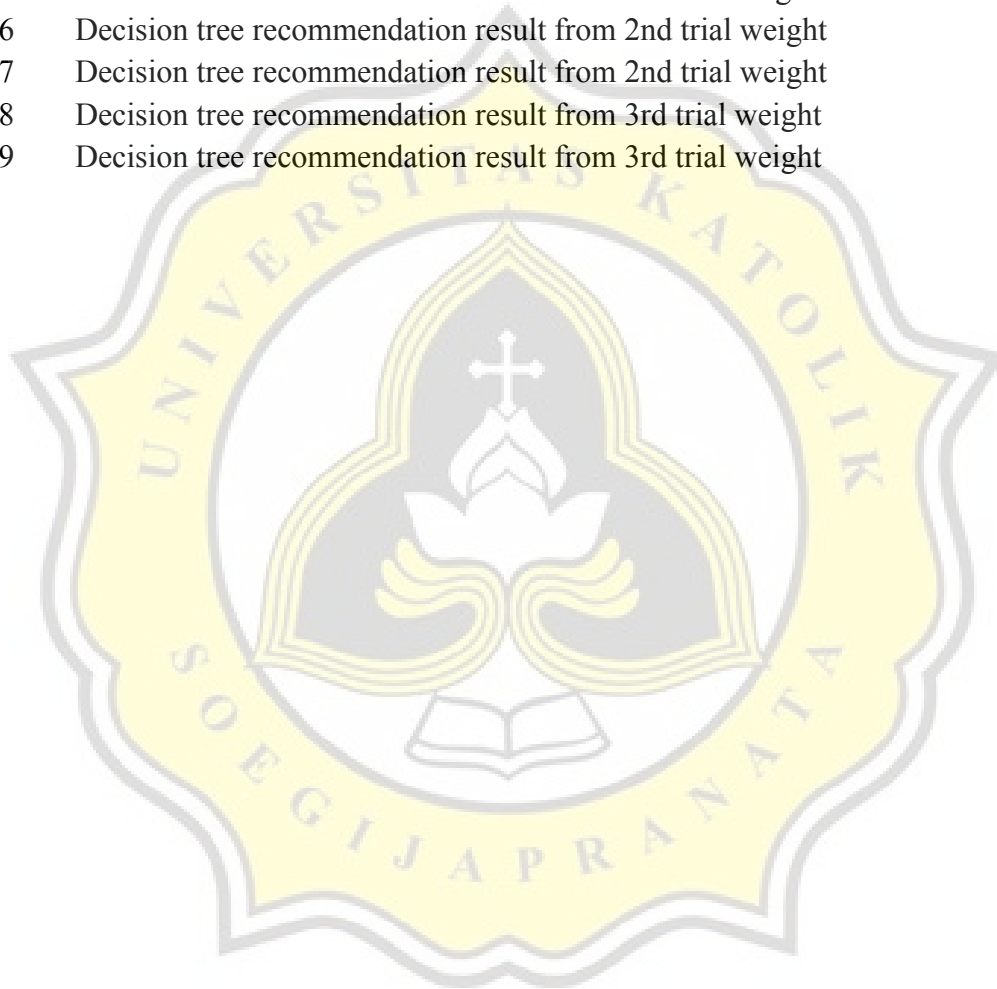
Daniel Adrian Raharjo

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Table 4.1 Data that will be used in this project.

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