PROJECT REPORT

APPLICATION OF THE C4.5 ALGORITHM TO DETERMINE PASSENGER SATISFACTION BASED ON THE ASSESSMENT OF FACILITIES PROVIDED BY AIRLINE

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2022

APPROVAL AND RATIFICATION PAGE

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ACKNOWLEDGEMENT

First of all, thankyou to God Almighty for his blessing, that I have received a myriad of support, advice, and assistance throghtout working on my final project. I would like to thank my supervisor Mr. Hironimus Leong S.Kom., M.Kom for guilding and gave me direction in completeing my final project. I would also like to thank all the Informatics Engineering Lectures who have guided and taught while I was studying at Soegijapranata Catholic University.

I would like to thank my father and mother for giving me ceaseless love, support, and advices throughout my study in Soegiajapranata Catholic University. You all gave me great escape to rest my mind from my thesis.

Semarang, January, 6, 2022

Sincerely

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ABSTRACT

The problem discussed in this research is whether the algorithm can determine passenger satisfication, which data attribute to be used for the algorithm, and how much time taken for different amount of data.

The solution offered in this research is the algorithm can determine the satisfication if the attribute can be calculated in the algorithm. The attribute need to be analyzed for the algorithm, if the data used is discrete and continuous the algorithm can process it.

The result in this research is the algorithm can determine passenger satisfication using certain attributes, because some attributes just can't be calculated in the algorithm. The time it needed to calculate different amount of data doesn't differ by much.

Keyword: C4.5 Algorithm, MYSQL, Passenger Satisfication

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