IMPLEMENTATION OF WASTE BANK DATABASE DESIGN TO A WEB MASTER APPLICATION

UNDERGRADUATE THESIS

Submitted as one of the requirements to obtain
Sarjana Komputer (S.Kom.)

By:

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FACULTY OF COMPUTER SCIENCE

INFORMATION TECHNOLOGY STUDY PROGRAM

CIKARANG

FEBRUARY 2023

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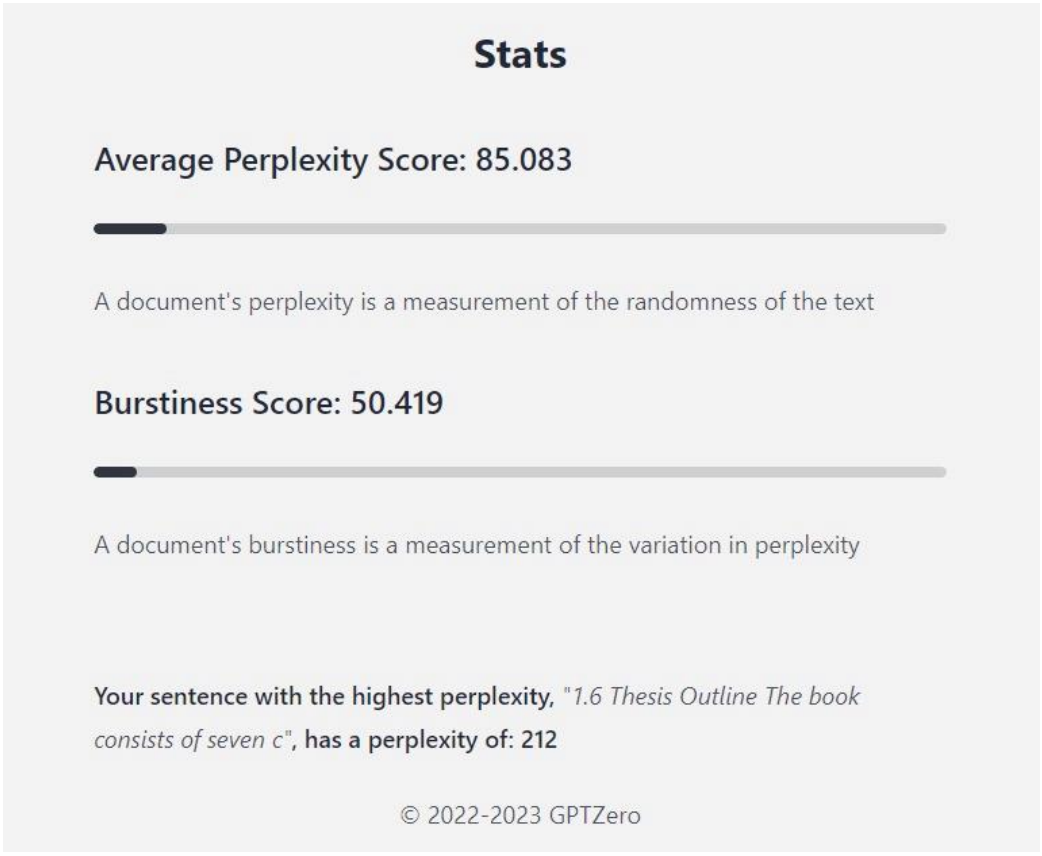

ABSTRACT

Waste can cause many problems to the environment and human activities, so waste management is needed. One manifestation of this waste management system is the existence of a waste bank. In the Garbage Bank the concept of waste collection is separated from dry waste to segregated waste and has management like a bank but what is saved is not money but waste. To improve the performance of the waste bank, a computerized system is also needed in the form of a waste bank application. The web app is an implementation option for a computerized system for the Waste Bank. Web App is software that can be accessed via a browser. Platform, which is widely used to assist the digitization process and management of a business. In the process of developing computer system applications it is very important to ensure the feasibility of the database design to be used so as to minimize redundancy and maintain data integrity. Therefore, the database design analysis uses the Boyce-Codd Normal Form.

This thesis will discuss the development of a Web Master of Waste Bank System which is intended for the project of Waste Bank Management System used to manage the waste of household waste which can be an additional income for the community and improve the quality of waste management.

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