ABSTRACT

VIRTUAL ASSISTANT USING K-MEANS METHOD FOR BOOK CLUSTERING

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 The library is a learning resource that must be owned by every school or college. Because students easily search for information or knowledge through the library. With the development of technology makes people think to be able to work more effectively and efficiently. One of them is making conventional systems into computerized systems. By utilizing machine learning for virtual assistants on library websites. In this study a web-based information system was developed by utilizing machine learning using the PHP MySQL programming language. With this system, the website is expected to be able to provide the latest collection information in accordance with the track record of collection lending. From the results of research that has been carried out the author implements the results of research into a Virtual Assistant by Using the K-Means Method for Book Clustering.

Keywords*: Machine Learning, Library, Virtual Assistant, Website*