

ABSTRACT

Development of Personal Audio Device Recommendation Web-Based Application Using Simple Additive Weighting Algorithm

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The importance of audio devices in daily life has led many people to seek recommendations for audio devices that suit their needs. In this case, a personal audio device recommendation application is highly necessary to assist users in selecting audio devices that align with their requirements. The goal of this final project is to develop a web-based personal audio device recommendation application using the Simple Additive Weighting algorithm. The method employed in creating this website involves utilizing the Simple Additive Weighting algorithm, which helps determine the ranking of audio devices based on user preferences. The application will be built using PHP programming language and MySQL database. The outcome of this final project is a website that aids users in choosing audio devices according to their desires, while facilitating the audio device recommendation process. This research has successfully produced a web-based application capable of recommending personal audio devices using the Simple Additive Weighting algorithm. The application offers a practical solution for selecting audio devices that suit users' needs, saving time, and streamlining the audio device recommendation process.

Keywords: Website, recommendation, audio devices, Simple Additive Weighting, PHP, MySQL.

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