

## **ABSTRACT**

The functions of playing music and multimedia have become essential in one device as a smart phone since the smart phone appeared. It is very convenient, but it contains controversial arguments about sound quality, so many smart phone users use the music player application. By using these music applications, people start to think about the relationship between music playing and sound quality. However, those applications are not perfect, so it is hard to choose a good application. This thesis is about the advantages of the sound quality of music player applications that are currently sold in Android Market through RightMark Audio Analyzer program, and plans to suggest android music player application system design by analyzing applications by covering disadvantages of these applications.

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