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**MUSIC ARTIST DEDICATION SOCIAL NETWORKING SITE WITH ACOUSTIC
FINGERPRINT TECHNOLOGY**

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Abstract

This thesis is aiming to create a publishing-ready quality, Social Networking web site and its supporting software. It will specifically put its focus on the area of music artist dedication. In order to do so, a preliminary analysis will be done in order to identify any opportunities that exist in the market of Social Networking. These opportunities will later on addressed by the features of the final deliverables.

In order to find the opportunities, an analysis is conducted toward existing players in music-oriented social networking web sites, as well as the offline activity of music artist fandom. These analyses will be able to identify things that are needed in order to create a full-fledged online version of music fandom community, and matched with the existing web sites. Any gaps that have not been addressed by the existing players will be taken as an opportunity.

To tackle these opportunities, two deliverables are developed: meDIG social networking web site and the supporting software, MetaLister. The web site is developed using the latest technology in web development: AJAX. It is developed with the help of Google's AJAX development tool, Google Web Toolkit. MetaLister is developed based on MusicIP's acoustic fingerprint library: libOFA. The features in these two deliverables are designed and developed in order to tackle the identified opportunities, therefore addressing the potential market.

Through a user testing, the thesis project is proven to tackle all of the opportunities. All of the finished features are done satisfactorily, and it is believed to be able to serve the intended functionalities.

Key Words

Social Networking Site, Acoustic Fingerprint, AJAX, Google Web Toolkit, JavaScript

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