An Overview of a Way to Deliver Online Music Streaming Services by Identifying the Neediness of Users' Music Listening

PHWKTR Rodrigo, DU Vidanagama

Department of Information Technology, Faculty of Computing, General Sir John Kotelawala Defence University, Ratmalana, Sri Lanka,

Abstract. Over the last few years, Online Music Streaming Service Applications have become increasingly important and rapidly evolving technology all over the world. Thus, billions of people are listening to and enjoying the life of music via these technologies. Although many Online Music Services deliver the most effective and successful facilities for their users such as suggesting songs by analyzing users' previous behaviors and suggesting songs by recognizing their facial expressions but, a technology to address the issue of arranging a time to listen to music is not yet been addressed. Throughout this review paper, the way to deliver Online Music Streaming Services by identifying the neediness of users' music listening has been discussed and overviewed the paths that can bring out this into reality in the world has been discussed. The methodology used to conduct this research is a quantitative-based survey. The online survey circulated through Emails and the survey was completed from a sample of 80 people. All the findings with details which were collected from the survey are displayed in a very successful manner by explaining and elaborating a best and clear conclusion as, having an Online Music Streaming Service Application with three important features such as time forecasting feature, Suggesting songs automatically according to the user's previous behaviors and suggesting songs to the user by recognizing his facial expressions will be a successful solution for identification of the real neediness of users. Ultimately, the research paper highlights a conceptual idea of a way to deliver the real neediness of Online Music Streaming Services users who are in a busy life pattern in today's world by reminding them to listen to music after scheduling a time and forecast it to them.

Keywords: *Online Music Streaming, Neediness, Time Forecasting, Automatic Playlists, Facial Expressions*