



Semester/Group/Bachelor/Master Thesis:

Listening to Music in Groups

When meeting with your friends, especially when a variety of people are involved, choosing music that suits everyone is non-trivial. In general, the more people the more difficult it is to find something that suits everyone to at least some extent. Naturally, the task becomes even harder when people of different ages and with different music tastes meet.

One solution to the problem is to choose something generic and boring enough, that is, music that no one hates too much. However, it might be nice if every now and then there also was a song that most of the listeners liked in the expense of others suffering a bit. In addition, usually at some point of the evening, there are less and less people around and perhaps it is time to stop the elevator music and bring in the Norwegian black metal, Jazz, Reggae, Justin Bieber or whichever music floats the boats of the remaining people.

The main idea of this thesis is to use existing ways to define music tastes for individual people and combine them into a group music taste. The ultimate goal is to take a set of users and their music tastes as an input, and output a playlist which does not leave anyone unsatisfied after playing a few songs.



Requirements: Good programming skills, especially in Java. The students should be able to work independently on this topic.

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