Abstract – FD

We have designed and built a web application which has a principal focus in the area of Music Informatics, a branch of Personal Informatics. Personal Informatics is the study of data collection tools and the ways in which self-monitoring data can be beneficial. The main problem we set out to overcome was to illustrate the moods of the songs that the user listens in a meaningful way. Music plays a large part in many peoples lives, however, not many people are aware of the composition of the moods that make up the songs they listen to. By knowing the moods associated with the songs that the users are listening to, can help them decide what music would be best for a given scenario. For example, songs with high levels of exuberance and motivation might be best suited for study sessions. This can help users reflect upon their moods, which is made especially easy with our timeline feature which shows users their levels of certain moods over the course of the previous week. Our solution utilises the Spotify API to collect and process information from the user’s Spotify account. This makes our solution widely available and easily accessible since anyone with an internet connection and a Spotify account can use it.