

INFORMATICS INSTITUTE OF TECHNOLOGY

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“MUSIC MELODY GENERATOR FOR LYRICAL INPUT”

“MELODICA”

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Abstract.

The melody of song is the initial state of developing a song and then the composer starts to develop chords and accompaniment to convert that's melody into a song. This process is normally reserved for people who has proper knowledge in harmony and musical structure. The melodies are often constructed with the help of musical instruments and chords built to accompany the melody. Other hand, people without the knowledge of musical structure and harmony cannot develop and test the musical idea they have in mind. This project will introduce a system that automatically generate chords(melody) to accompany the lyrics. A user with no experience in music can create a song just by writing into the system and can experiment with different styles and chord patterns without any knowledge of music, using interactions designed to be intuitive to non-musicians. Some systems do take in the input for this solution via the tone of sounds more elaborately the input will be said in actual human voice is sung to a recording device and it will be processed to a matching musical melody to accompany the words said by adjusting and analyzing the vocal input recorded.

It is important to note that there is not a single correct accompaniment for a particular melody, chord selection will vary among musicians and genres, and a single musician may recognize many appropriate chord sequences for a single melody. Therefore, the goal of this project is not to predict the “correct” chords for a given melody, but to produce subjectively appropriate chords that are intuitive to a non-musically-trained user. So as per the business viability there is a good opportunity that the solution provided in this document will succeed with in the music artist and enthusiastic in music in more productive way.

Key Words –

Natural Language Processing.

Sentiment Analysis

Chord Progression.