

G.Narayanamma Institute of Technology & Science

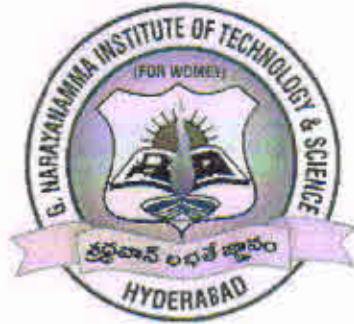
(For women)

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MUSIC RECOMMENDATION SYSTEM

BY

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ABSTRACT

Music recommender system is a system which learns from the user's past listening history and recommends them songs which they would probably like to hear in future.

Rapid development of mobile devices and internet has made possible for us to access different music resources freely. While the Music industry may favor certain types of music more than others, it is important to understand that there isnt a single human culture on earth that has existed without music. In this project, we have designed, implemented and analyzed a song recommendation system. We have used Song Dataset provided to find correlations between users and songs and to learn from the previous listening history of users to provide recommendations for songs which users would prefer to listen most. The dataset contains a million songs and listeners are recommended the best available songs based on the mood, genre, artist and top charts of that year.

The objective is to provide recommendation systems that fit listeners profile in terms of music universe, content popularity and familiarity.

SYSTEM REQUIREMENTS:

Software Requirements:

Platform - Windows 10

Front End - Python

Development Tool - Google colab

Back End - Python

Hardware Requirements:

Name of the Processor - intel core i5

Hard Disk Capacity – 1 TB

RAM Capacity - 6GB
