Project Description

Project Title: **Lyrics Finder**

Team Details:
1.Rushikesh Kadam [S20210010195] (lead)
2.Yash Kumbhar [S20210010127]

Project Overview:
Welcome to our Music Lyrics Search Engine project! Our goal is to create a robust search engine for finding song lyrics, providing users with a seamless experience for discovering and exploring music.

Tasks:

1.Performed by Rushikesh Kadam:

    1] Data Collection and Preparation
        a) Identify the sources of data and conduct web crawling to acquire the necessary information.
    2] Development of an Information Retrieval System
        a) Create an Inverted Index of the documents.
        b) Employ retrieval algorithms, such as TF-IDF, to match processed queries with the documents.
    3] Developing Web App:
        a) Designing User Interface
        b) Implementing Search Functionality
        c) Adding Filtering Options

2.Performed by Yash Kumbhar:

    1] Data Collection and Preparation:
        a) Identify the data sources and perform web crawling to gather data.
        b) Preprocess the collected data and normalize it with suitable methods (ex. Stemming,stop words removal)

2] Information Retrieval System Development:

    a) Rank the matched documents based on their relevance to the query using ranking algorithms(Euclidean Similarity).

    b) Select appropriate evaluation metrics.

3] Web App:

    a) Displaying Detailed Information (artist name, song title, and full lyrics)

    b) Incorporating Feedback Functionality

    c)Develop the backend logic to process and utilize user feedback to improve search accuracy.