

# **MINI-PROJECT TITLE**

## **( MUSIC RECOMMENDER SYSTEM )**

---

### **Project Group Members :**

<b>Name</b>	<b>University Roll No.</b>
• Ishika Singh	181500286
• Jaya Shukla	181500294
• Nishtha Kapoor	181500431
• Nitya Shukla	181500438
• Raman Shukla	181500554

### **Project Mentor :**

Mr. Aamir Khan (Assistant Professor)

---

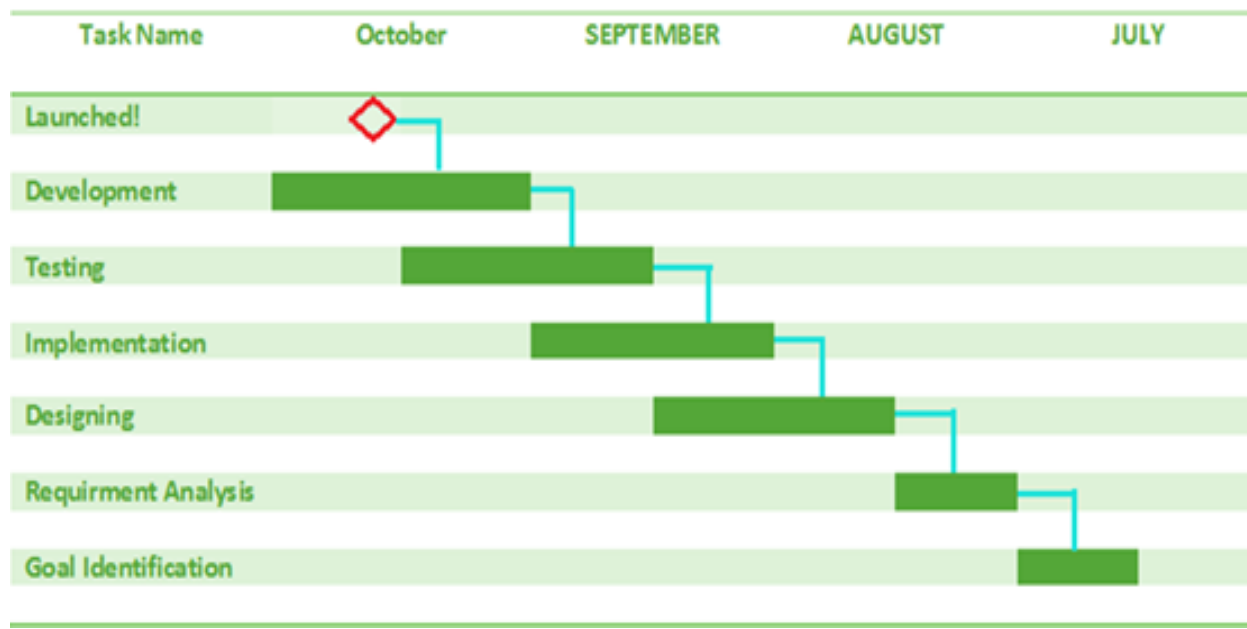
### **About the Project :**

Music is an integral part of our life. We listen to music everyday as per our taste and mood. With increase in volume of digital content, the choice of people to listen to diverse type of music has also increased significantly. And, also the rapid development of mobile devices and internet has made possible for us to access different music resources freely anytime anywhere. People sometime feel difficult to choose from millions of songs. Moreover, the service providers need an efficient way to manage songs to help their customers discover music by giving quality recommendation. Thus, there is a strong need of a good recommendation system. In this project, we will be designing, implementing and analyzing a music recommendation system.

## **Motivation:**

The goal is to design a recommender system which provide songs which they may like, based on the songs that they previously listened. Every logged in user should have access to the recommender system. This project is beneficial for the user as well as the company. For users, they may find songs that they may like without consuming time and even they can encounter new songs which they like from the recommendations. For the company, they make the website more attractive, so they draw more users to the website and the system makes the users of the website spend more time online.

## **Project Planning:**



## **Recommended Language / Framework:**

- Python
- Django

## **Tools Required:**

- **Hardware Requirements:**
  - No hardware requirements
- **Software Requirements:**
  - Jupyter Notebook ( Anaconda Navigator ) / Google Colab
  - Windows 10 / Ubuntu / Mac
  - MS-Excel
  - Any Web Browser
  - Git
  - GitHub