

Introduction:

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I am from Gwalior, Madhya Pradesh.

I am a graduate student in BBA (Marketing).

I am currently in 1st term of diploma level.

I started this program because of my desire to create valuable things which can solve the problems of society as a whole.

Project Description:

It is a multi-user app. Used for streaming music/reading lyrics.

User can play, read lyrics, rate songs, create playlists

The project is to make a web Music Application, which has various features for users.

It has general users who listen to songs, create their own playlists, browse through various Albums and Artists.

There is also a creator role, a general user can become a creator.

Creators upload songs, create albums and can edit and delete them.

It has an admin who can see various statistics about app, can flag creators and songs and albums and watch over everything.

Technologies Used:

1. Flask framework of python
2. Jinja templates
3. Sqlite Database
4. SQLAlchemy for query database
5. CSS and Bootstrap

Features:

1. The project is organized using the Model-View-Controller (MVC) architecture, with the controllers handling logic and routing, templates for display and models for interacting with a database.
2. First user has to register using various details There is separate login for admin and user
3. User then can become creator after agreeing to the terms and conditions of the app.
4. If the creator violates policy then admin can blacklist him and later can also whitelist him.

My Approach:

First I tried to understand the statement as much as I could, i started to think as a user of the app, then I first made a database prototype and then started with each and every functionality. For this week 5 Videos has helped me a lot. My takeaways It was my first major project of backend development. As i'm not from technical background I faced a lot of challenges. I learned a lot of new things. Setting Up database and relationships was the most crucial pattern and I had to do it so many times. All in all it was a great experience.

Project Video Demonstration link:

<https://drive.google.com/file/d/1a2GsGlbX-bgsxW5ZZgz79gN9q0RyYPJw/view?usp=sharing>