

Topic: Entertainment

Project Title: StreamTune

Abstract

Stream Tune is a Web based music application that has functionalities of Spotify. This Web app is built using Python with Django Framework as backend. The App has used PostgreSQL in Amazon RDS for database and HTML, tailwind CSS as frontend for attractive Styling and responsive pages. The user can listen and forward the songs and have seamless experience.

The Objectives of this application are Authentication of users, so that the users can register and login to their profiles. Library Management, the users can search and listen to their favorite artists and songs as per their need. Utilize Tailwind CSS for responsive design of application for better experience of users.

As for Technical part Python Django framework as backend for robust and seamless development, Databases play a crucial role in each and every application as part of this application PostgreSQL in Amazon RDS is used to store the user information and profile management, Styling of application is very important once the user looks at the application he or she should say how beautiful the application looks in order to achieve that we have used certain tools in our application such as Tailwind CSS and HTML as frontend for responsive design and better user experience. The deployment of application is also a crucial part in this application we will be using Amazon Web services. Version Control system for this application will be GitHub.

StreamTune aims to deliver user friendly and better experience for users in music streaming. By using Django, PostgreSQL, HTML and Tailwind CSS the project not only shows the use of technologies but also provides us the wonderful learning opportunity in building web applications.