

README

Our project aims at easing the search process by allowing the users to track the shows they are watching, discover new shows, and know all the details of a particular series. It gives the description of TV shows along with the details of shows, media, episodes, where the episode being currently watched was filmed and so on. The tracker also notifies you when the next episode is going to be aired.

The program creates a database management system that allows us to give commands such as insert, create, update and delete.

The objectives of the project are to obtain experience in designing a user interface for a database management system, managing meta data in catalog, implementing relational algebra operations such as Selection, Projection, Union, Rename and Joins; and integrating components and building a complete system.

The front-end implementation of the project is done in Python programming language. It extracts information from Netflix TV show dataset and for user selected shows, sends a reminder to the user 10 minutes before the show starts. It also parses through the sites and channels to get all details of that particular TV show.

System Requirements

- The computing platform is Python 3.7.1, which is used to develop the RDBMS.
- It is then integrated with HTML and CSS to generate web logins for the user account that contains the details of the particular show.
- MySQL version is 8.0.15 (MacOS)