

Computing Summer task

TCSTunes is an online music streaming service that allows a user to stream music from its song library. TCSTunes collects and stores data about the users and their listening preferences. You are required to write a program to manage the data about the user and their music preferences.



TCSTunes has a song library* which contains details about each song. No songs have the same song title. The library stores the following details about each song:

- Song title
- Artist
- Genre
- Song length.

The system allows a user to create playlists (a valid playlist must contain at least one song). The system stores each playlist and the user can select a saved playlist to view.

When users sign up to TCSTunes they create an account and must enter their:

- Name
- Date of birth
- Favourite artist
- Favourite genre.

TASK 1:

Plan out a Graphical User Interface (GUI) for TCSTunes. This should show the different screens/menus that the user will experience when using the program. The designs should include text and input boxes to give the user information in addition to allowing the user to enter information e.g. to login.

A key element to the design of your screens will be **USER EXPERIENCE** so they must be relevant, informative, eye-catching and engaging for your intended audience.

TASK 2:

Complete the Learn Programming with Python course on www.learnpython.com, the course consists of 5 smaller practical units. <http://www.learnpython.com/> You will need to sign in/create an account with your school google account to access the course.

