**Design Document:**

**Custom Music Library Tag (*cmtl*)**

### **Tools**

Developed with: Godot 4

Database management: SQLite 3

Version control: Github

UI elements design: Krita 5

### **Description**

A simple software for managing music library tags. Each library has a name, a list of directory/file paths and a list of tags. When adding a new directory, it is scanned for all music files and they are added to the music library. There is a button to rescan all paths and update the library. Batch tagging of files is possible.

## **Breakdown**

#### **Main Menu**

The main menu has 4 buttons.

New library: Opens the new library creation menu

Open library: Shows the list of existing libraries

Exit: Closes the application

The two library menus can only be accessed from this screen.

#### New library

A text field for the library name.

A confirm button.

A cancel button, returns to main menu if pressed.

For a successful creation of new library, it only needs to have a unique name.

#### Open library

A list of all the created libraries.

A back button.

Pressing any library form the list will open the library view menu.

#### Library view

The main body of the application.