**CS2\_FCC Assignment 4-5**

**Project for CIS201**

**Music Player:**

* **Looks through files and displays the files as objectButtons that hold the file inside the object**
* **Music player has a unique playlist function that will cycle through all the songs that were in the file that you used to add to a playlist**
* **Has a linkedList of the play history, but has no GUI function**
* **Searching for files is recursive.The function creates buttons for every file it finds and sets the button to call that same method that created it for the file that button is holding**
* **Has a search function that will compare what you type in with the file names inside a Binary Search Tree**

**Personal Project:**

**Music Player v3:**

* + **Rebuild the entire code from scratch**
  + **Break up the processes between MusicPlayerProcessor and MusicPlayerViewer**
  + **Provide a scaling function that will work on all resolutions**
  + **Provide a better GUI that clearly displays files**

**Questions:**

* + **Journal system to ask past selves questions that we’ve answered at that time**
  + **Uses a map data structure to set up the question to answer**
  + **Uses fileOutputs to output the question to a .dat file so questions don’t get lost when program exits. ( work in progress )**