How to run the code

1. First you need to make sure that python version 3.9 or above is installed.
2. Download the following libraries: flask, requests and pygame. The following command can be used on a windows PC: py -m pip install flask requests pygame
3. In authenticationNode.py, bootstrapNode.py, clientNode.py, control
4. Node.py, fileDistributionNode.py update the host to the IP of your computer that is running the bootstrap.
5. First run bootstrapNode.py
6. Run 2 controltNode.py and wait for them to fully load into authenticationNode and fileDistributionNode and the microservice to open.
7. Finally run clientNode.py and it should allow you to run the client log in or sign in then access music download music and play it.

Existing username and passwords that can be used:

Username: sam, Password: james

Username: james, password: smith

Username: test, password test