Figure 5-1. *Music player workflow*

The work specified by the first block on the flowchart, "Find all MP3 files and make a list," is accomplished by using a function named mp3gen(). The second block's work, "Search for user's request in the list," is done by a function named play_specific_music(). The third block's work, "Choose a random song out of the list," is done by a function named play_random(). And, finally, the last block's work, "Detect OS and play the song," is done by the music_player() function.

Building the Music Module

Let's get to the task of programming the flowchart just discussed. First, add the path of the folder where the music resides in the profile.yaml file:

```
music_path:
    .
```

Next you need to extract the information about the path of the music files in main.py so that it can pass that information to brain.py. Also, you need to make a couple of additions:

```
from GreyMatter import play_music
```