Program: MyTunes Music Player

Author: Louis Nel Contributor: David Nelson 100988794

Carleton University

COMP 2404

Thursday the 16th of November

PART II Refactoring Reccomendation

FR3.2.1

The following code occurs on 5 different lines in the mytunes.cpp (125, 149, 177, 277, 352). There is an opportunity to make the code more readable, and more reusable if this were to be its own method.

```
351
352 if(!cmd.isValidIndex(cmd.getToken(ID))) return;
353
```

FR3.2.2

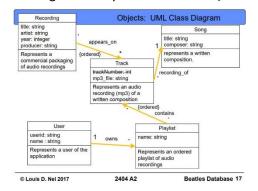
This code seems counter intuitive upon first read. We can make the call more readable by giving it a meaningful name, and make clear which arguments this call is evaluating.

FR3.2.4

To refactor this code, I intend to create a class method which will evaluate the arguments. To accomplish this, I will hunt each instance of this call, and replace it with a more meaningfully named method call.

FR3.2.5

UML Diagram of MyTunes Version 2 (before)



UML Diagram of MyTunes Version 3 (after, unchanged)

