Question 1

Predesign Specification

Java III

Andrew Williamson / P113357

2021

## UML Diagram

## Source Control

I will be using GitHub as my source control. I am using GitHub because it is an industry accepted tool that I have experience with.

## What are your coding standards you are enforcing?

I will be using the coding standards set forth in the Microsoft documentation at:

<https://docs.microsoft.com/en-us/dotnet/csharp/fundamentals/coding-style/coding-conventions>

These Standards include but are not limited to:

* Naming Conventions
* Commenting Conventions
* Language Convention
* Layout Conventions

## What tests are you going to run?

I will be performing white-box testing to make sure that all the project requirements are satisfied and that there are not major errors.

### Login Tests

* Can login with the correct username and password.
* Cannot login with an incorrect username or password.

### Searching Tests

* Can find a song that is in the list
* Cannot find a song that isn’t in the list.
* Can find/ select a song/s by searching for a partial title.

### Sorting Tests

* The list is in proper order.
* The list sorts each time a song is added.

### CSV Tests

* The user details and song list are written to a csv file.
* The user details and song list can still be accessed the next time the application is run.

End of Document