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| **#** | **Functionality** | **Purpose** | **Input** | **Expected Output** | **Output** |
| 1 | General | Formatting | Anything | Friendly prompts, New line for every output. | Satisfactory |
| 2 | Correct prompting after switching to BufferedReader | Anything | Using scanner skip input and requires flushing while BufferedReader should fix this problem. | Works out accordingly. |
| 3 | Program initialize properly | Anything | Program runs smoothly without crashes or errors when follows correct input guidelines | Problem may occur when the system do not have the required disk space to save the data file. |
| 4 | Place holder?? |  |  |  |
| 5 | Login menu | Select whether to login, register or quit. | Invalid choice | Warning messages | Expected |
| 6 | Text instead of expected Integer |
| 7 | Login | Require username and password to login | Invalid username | Warns that account does not exist. | Expected |
| 8 | Invalid password | Warns incorrect password |
| 9 | Correct Username and password | Log the user in |
| 10 | Menu | Give a list of options to users for playlist modification. | Invalid choice | Warning message | Expected |
| 11 | Invalid input type |
| 12 | Adding Playlist | Add a new playlist for the user to the data file and database. | A duplicated playlist name. | Warning message and prompts for another input. | Expected |
| 13 | A suitable playlist name. | Creates the playlist. | Expected |
| 14 | Adding Media | Adding media to playlist. | Invalid media type | Warning message | Expected |
| 15 | Adding a valid media object | Add into selected playlist |
| 16 | Deleting Media | Removing a specific media from the playlist | Mismatching media. | Displays none removed. | Expected |
| 17 | Invalid data type to the prompt | Displays none removed. |
| 18 | Correct and matching media data. | Removes media from playlist. Deletes corresponding information from data file. |
| 19 | Searching Media | Searches in alphabetical orders with properties specified by user. | Mismatching inputted information | Displays a message notifying user of no result. | Expected |
| 20 | Invalid data type to the prompt | Displays a message notifying user of no result. |
| 21 | Valid data type to the prompt and matching | Displays the matching sorted outcome |

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| 22 | Sorting Media | Sorts in alphabetical orders with properties specified by user. | Incorrect input of number choice. | Displays a warning message. | Expected |
| 23 | Correct input of number choice. | Displays the sorted outcome. |

New found issues may be found at <https://github.com/SunxLite/MUSIQue4U/issues>