# Test Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test case | Input | Expected Outcome | Actual Outcome | Comment |
| Test logIn incorrect input | Username incorrect  Password test | Wrong username or password | As expected | Ref 1 |
| Test logIn correct input | Username JMCadmin  Password nimda | Welcome admin | As expected | Ref 2 |
| Test add media | Add song into music folder | Song show up on text box | As expected | Ref 3 |
| Test play song | Click play | Play the first song | As expected | Ref 4 |
| Test next song | Click next | Play next song | As expected | Ref 5 |
| Test next song at the last song | Click next | Play the first song | As expected | Ref 6 |
| Test previous song | Click previous | Play the previous song | As expected | Ref 7 |
| Test previous song at the first song | Click previous | Play the last song | As expected | Ref 8 |
| Test output | Click output | Write out all the song in the playlist | As expected | Ref 9 |
| Test help files | Click help files | Open a html files with help | As expected | Ref 10 |

Ref 1

Graphical user interface, text, application

Description automatically generated

Ref 2

Graphical user interface, application

Description automatically generated

Ref 3

Graphical user interface, application

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Ref 8

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Description automatically generated

Ref 9

Text

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Graphical user interface, text, application

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Graphical user interface, text

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Ref 10

Graphical user interface, text, application

Description automatically generated

# Junit Test

For Junit test I wrote each background method a test this include binary search, merge sort and add music.

Source code for musicPLayerTest.java

A picture containing table

Description automatically generated

Test result

Graphical user interface, text, application

Description automatically generated