Test Data:

Test Case: Play Music

Enter a valid song name in the entry field.

Click the "Play" button.

Test Case: Stop Music

Click the "Stop" button.

Test Case: Pause Music

Click the "Pause" button.

Test Case: Exit App

Click the "Exit" button.

Results and Explanation:

Play Music Test:

Data Set: Enter "Song1" in the entry field.

Result: The status label should change to "Status: Playing," and a messagebox should show "Playing: Song1."

Explanation: The Play button and status update worked as expected.

Stop Music Test:

Data Set: Click the "Stop" button.

Result: The status label should change to "Status: Stopped," and a messagebox should show "Stopping music!"

Explanation: The Stop button and status update worked as expected.

Pause Music Test:

Data Set: Click the "Pause" button.

Result: The status label should change to "Status: Paused," and a messagebox should show "Pausing music!"

Explanation: The Pause button and status update worked as expected.

Exit App Test:

Data Set: Click the "Exit" button.

Result: The application window should close.

Explanation: The Exit button successfully closes the application.

Screenshots:

Successful "Play Music" test case:

Entering the song name and clicking "Play":

Play Music

Messagebox showing the song is playing:

Play Music Message