

Tests

Test Number	Test Description	Test Tools	Expected Outcome	Actual Outcome	Passed / Failed
01	Application starts.	-	Application opens to the Library page.	As expected.	Passed
02	Navigation pane functions.	-	The navigation panel is able to navigate between every page listed.	As expected.	Passed
03	Scan locations are correct. Add and remove folders from Windows user's Music library and verify scan locations are tracked correctly.	Sqlite DB Browser	Scan Locations reflects the Sqlite database scan locations and the folders added to the Windows user's Music library.	As expected.	Passed
04	Create new playlist.	Sqlite DB Browser	Application creates a new playlist when clicking the Create Playlist button and navigates to the new playlist page. This change should be reflected in the Sqlite database.	As expected.	Passed
05	View library.	Sqlite DB Browser	Application lists each bit of media tracked in by the Sqlite database.	As expected.	Passed

Test Number	Test Description	Test Tools	Expected Outcome	Actual Outcome	Passed / Failed
06	Remove media from library.	Sqlite DB Browser	Application removes media from the library and reflects the change in the Sqlite database.	Change reflected in the Sqlite database and media removed from tracked media but UI did not update to reflect the change.	Failed
07	Remove media from library.	Sqlite DB Browser	Application removes media from the library and reflects the change in the Sqlite database.	As expected	Passed
08	Remove playlist.	Sqlite DB Browser	Playlist is removed from application and Sqlite database.	As expected.	Passed
09	Rename playlist.	Sqlite DB Browser	Playlist is renamed and updated in Sqlite database.	As expected.	Passed
10	Add media to playlist.	Sqlite DB Browser	Media is added correctly from library to a target playlist.	As expected.	Passed
11	Remove media from playlist.	Sqlite DB Browser	Media is removed from the playlist but remains in the library.	UI did not update to reflect change. Otherwise as expected.	Failed
12	Remove media from playlist.	Sqlite DB Browser	Media is removed from the playlist but remains in the library.	As expected	Passed
13	Able to play media.	-	The application begins playback for the selected media.	As expected.	Passed

Test Number	Test Description	Test Tools	Expected Outcome	Actual Outcome	Passed / Failed
14	Able to navigate to the next/last media tracks in the current context.	-	The application is able to navigate to the next/last media in the current context, respecting the shuffle and repeat options that are selected.	Works as expected until the end of the context is reached, an IndexOutOfRangeException exception is thrown.	Failed
15	Able to navigate to the next/last media tracks in the current context.	-	The application is able to navigate to the next/last media in the current context, respecting the shuffle and repeat options that are selected.	As expected.	Passed
16	Able to sort media in table.	-	The application is able to sort media by cycling through sorting modes per column.	As expected.	Passed
17	Able to search for media in current playlist context.	-	The application is able to search for media within the current playlist context (including the playlist media library UI).	As expected.	Passed
18	Clean shutdown.	Visual Studio	The application closes cleanly without raising any exceptions.	As expected.	Passed

Test Number	Test Description	Test Tools	Expected Outcome	Actual Outcome	Passed / Failed
19	Plays media while idle.	-	The host PC is allowed to enter an idle state but the music player continues to play music.	As expected; however, music briefly stopped while entering idle state. This is caused by Windows, not the application.	Passed
20	Volume and mute controls function.	-	The volume slider is able to update the volume of the media. The mute button allows the mute state to be toggled and is also automatically toggled when the volume slider is manually set to 0.0.	As expected.	Passed