Test Case Report – Music Playlist Manager with Player

Summary:
Total Test Cases: 19
Passed: 19
Failed: 0
Result: **PASS**

Test Case ID	Description	Steps	Expected Result	Status
TC-001	Launch application	Run script from terminal/IDE	GUI opens with correct title	Pass
TC-002	Check audio init	Observe console/log	Audio initialized successfully	Pass
TC-003	Demo songs creation	On startup	5 test tones generated & loaded	Pass
TC-004	Playlist display	Look at listbox	Songs listed with index	Pass
TC-005	Double-click to play	Double-click first song	Song plays, label updates	Pass
TC-006	Play/Pause toggle	Click Play/Pause	Song pauses/resumes	Pass
TC-007	Stop playback	Click Stop	Playback stops & label resets	Pass
TC-008	Next song	Click Next	Next song plays	Pass
TC-009	Previous song	Click Previous	Previous song plays	Pass
TC-010	Adjust volume	Drag slider	Volume changes, log updates	Pass
TC-011	Add local file	Select file & title → Add	Song added with file path	Pass
TC-012	Add without file path	Enter title only → Add	Song added but warning shown	Pass
TC-013	Remove existing song	Enter title → Remove	Song removed from playlist	Pass
TC-014	Remove non-existent	Enter fake title → Remove	Not found message shown	Pass
TC-015	Generate tone	Click 'Generate Test Tone'	Tone file created & added	Pass
TC-016	Play Sequentially	Click 'Play Sequentially'	Songs listed in order in log	Pass
TC-017	Play Shuffled	Click 'Play Shuffled'	Songs listed in random order in log	Pass
TC-018	Missing file path play	Double-click song without path	Warning message shown	Pass
TC-019	Audio unavailable	Disable audio device & run	Audio warning logged	Pass