

TEST-CASES

Module Lead	Module Name	Tester Name	Fields	Test cases	Who Resolved
Sajida	Search	Varsha	Title Genre	<p>Test Case 1 – Renders With Placeholder</p> <ul style="list-style-type: none">Expect: Placeholder text: "Search by title or artist..." <p>Test Case 2 – Debounced API Call</p> <ul style="list-style-type: none">Action: Type slowly in search field.Expect: API is called only after 500ms of inactivity. <p>Test Case 3 – Shows Suggestions</p> <ul style="list-style-type: none">Action: Enter text matching existing songs.Expect: Up to 5 suggestions rendered. <p>Test Case 4 – Search</p> <ul style="list-style-type: none">Search by Title or Genre Test Case 4 – Search	Ayesha Siddiqaha M
Rashid	Add Songs	Rahim	Title Artist Genre Duration	<p>Test Case 1 – Renders Modal with All Fields</p> <ul style="list-style-type: none">Action: Open modal.Expect: Title, artist, genre dropdown, and duration input are present. <p>Test Case 2 – Form Validation Fails on Empty Submit</p> <ul style="list-style-type: none">Action: Click "Save" without entering data.Expect: Real-time validation errors (e.g., "Title is required"). <p>Test Case 3 – Successful Submission</p> <ul style="list-style-type: none">Action: Fill all valid inputs and submit.Expect: Modal closes, toast shows "Song added successfully". <p>Test Case 4 – Invalid Duration Shows Error</p> <ul style="list-style-type: none">Action: Enter duration 0 or negative.Expect: Error message "Duration must be greater than 0". <p>Test Case 5 – Modal Closes on Escape</p> <ul style="list-style-type: none">Action: Press Escape key.Expect: Modal closes.	Riyaz

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Riyaz	Edit & delete	Umair	Title: Genre: EDIT/DELETE	<p>Test Case 1 – Renders Song Info</p> <ul style="list-style-type: none">Action: Navigate to /songs/:id.Expect: Title, artist, genre, duration displayed. <p>Test Case 2 – Playback Progress Animates</p> <ul style="list-style-type: none">Expect: Progress bar fills over song’s duration. <p>Test Case 3 – Handles Invalid ID</p> <ul style="list-style-type: none">Navigate to invalid ID.Expect: Message: "Song not found" with back link. <p>Test Case 4 – Responsive Design</p> <ul style="list-style-type: none">Resize browser.Expect: Layout adjusts for mobile and desktop.	Mukthar
Nidha	Song Details	Nagarjuna	Title Artist Genre Duration Playbar progress Edit songs Delete songs Back songs	<p>Test Case 1 – Renders Song Details in Single-Column Layout</p> <ul style="list-style-type: none">Precondition: Valid song IDAction: Navigate to /songs/:idExpected: Page shows song title, artist, genre, and duration in a single-column layout. <p>Test Case 2 – Full-Width Playback Progress Bar</p> <ul style="list-style-type: none">Expected: The playback progress bar stretches full width of container, responsive to screen size. <p>Animation & Transitions</p> <p>Test Case 3 – Animates Progress Bar From 0% to 100%</p> <ul style="list-style-type: none">Expected: Bar fills smoothly over song's duration (in seconds) using a timed animation. <p>Test Case 4 – Smooth Fill Transition</p> <ul style="list-style-type: none">Expected: Progress bar grows with a smooth, non-jumpy transition effect. <p>Test Case 5 – Content Fades in on Load</p> <ul style="list-style-type: none">Expected: Page content appears with a fade-in animation after data is fetched. <p>Accessibility</p> <p>Test Case 6 – Progress Bar Has ARIA Label</p> <ul style="list-style-type: none">Expected: <div> or <progress> element has aria-label="Playback progress". <p>Test Case 7 – Buttons Are Keyboard-Navigable</p> <ul style="list-style-type: none">Action: Use Tab keyExpected: All buttons (Edit, Delete, Back) are focusable and usable with keyboard.	Zahid

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				Responsive Behaviour Test Case 8 – Buttons Stack on Mobile View <ul style="list-style-type: none">• Action: Resize browser to narrow width• Expected: Buttons (Edit/Delete/Back) stack vertically on small screens.	
Zahid	Drag and drop	Umair		Test Case 1 – Reordering Updates the UI <ul style="list-style-type: none">• Action: Drag song A below song B.• Expected Result: Song A appears below song B immediately with smooth animation. Test Case 2 – Multiple Reorders in a Session <ul style="list-style-type: none">• Action: Drag songs into a new order multiple time.• Expected Result: The UI consistently reflects the latest order each time. Test Case 3 – Drag Cancelled with No Change <ul style="list-style-type: none">• Action: Start dragging but drop back in original position.• Expected Result: Order remains unchanged.	Farhan
Farhan	Song List	Farhan	Title: Genre:	Database-Driven Ordering Test Case 1 – Songs Load in Order Based on position Column <ul style="list-style-type: none">• Precondition: Songs in DB have different position values.• Action: Load song list page.• Expected: Songs are displayed in ascending order of the position column. Drag-and-Drop Functionality Test Case 2 – Dragging a Song Updates UI Order <ul style="list-style-type: none">• Action: Drag one song below another.• Expected: Songs reorder visually with drag-and-drop animation. Test Case 3 – Dragging Updates position Column in DB <ul style="list-style-type: none">• Action: Drag and drop a song to a new position.• Expected: API sends new order; DB reflects updated position values correctly. Persistence Test Case 4 – Song Order Persists After Page Reload	Nidha

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				<ul style="list-style-type: none">• Action: Reorder songs → Refresh page.• Expected: Songs retain new order based on updated position values in DB.	
Ayesha Siddiqha M	Filter	Priyanka	All Genre	<p>Test Case 1 – Shows All Genre Options</p> <ul style="list-style-type: none">• Action: Click dropdown.• Expect: Rock, Pop, Jazz, Classical, Other. <p>Test Case 2 – Filters Songs</p> <ul style="list-style-type: none">• Action: Select "Pop".• Expect: Only songs with genre "Pop" are shown.	Rahim