

## User Acceptance Testing (UAT)

Date	08 March 2025
Team ID	SWTID1741150587
Project Name	Rhythmic Tunes
Maximum Marks	

Team Members	Team Leader : ANANTHAVALLI N Team member : KAVIYA S Team member : SUGANYA M Team member : HARSHINI J M
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### Project Overview:-

**Project Name:** Rhythmic Tunes

**Project Description:** A React-based music streaming application that allows users to search, play, and manage music using a third-party API. Features include, search, playback, playlists, and profile management.

**Project Version:** v1.0

**Testing Period:** March 1, 2025 - March 8, 2025

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### Testing Scope:-

#### Features and Functionalities to be Tested

- ✓ Music Search & Discovery
- ✓ Audio Playback (Play, Pause, Skip)
- ✓ Playlist Management (Create, Edit, Delete Playlists)
- ✓ Profile Management (Edit Profile, Change Password)
- ✓ Streaming Quality & Performance Testing
- ✓ Responsive UI Testing (Mobile, Tablet, Desktop)

#### User Stories or Requirements to be Tested

- ✦ User Registration & Authentication
- ✦ Searching & Viewing Music Recommendations

- ✦ **Playing & Controlling Music Playback**
- ✦ **Creating and Managing Playlists**
- ✦ **Updating Profile Information**

**Testing Environment**

**URL/Location:** [Enter Web URL]

**Credentials (if required):**

- **Test User:** testuser@example.com / Test@1234
- **Admin User:** admin@example.com / Admin@1234

**Test Cases**

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
TC-001	Music Search Functionality	1. Enter a song name in the search bar 2. Click Search	Matching songs should be displayed	[Actual Result]	[Pass/Fail]
TC-002	Music Playback (Play/Pause)	1. Click on a song 2. Click Play/Pause button	Song should start/stop playing	[Actual Result]	[Pass/Fail]
TC-003	Playlist Creation	1. Navigate to Playlists 2. Click "Create New Playlist" 3. Enter Name & Save	Playlist should be created successfully	[Actual Result]	[Pass/Fail]
TC-004	UI Responsiveness (Mobile)	1. Open app on mobile device 2. Navigate through pages	UI should be responsive and properly displayed	[Actual Result]	[Pass/Fail]

**Bug Tracking**

Bug ID	Bug Description	Steps to Reproduce	Severity	Status	Additional Feedback
BG-	Music playback	1. Play a song on 3G	Medium	In	Optimization

<b>001</b>	is lagging on slow networks	network 2. Observe buffering issues		Progress	required for low-speed connections
<b>BG-002</b>	UI overlaps on small screen devices	1. Open app on iPhone SE 2. Observe overlapping UI	Low	Open	Adjust CSS for small screens

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### Sign-off

**Tester Name:** [Enter Name]

**Date:** [Enter Date of Completion]

**Signature:** [Enter Signature]

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### Notes

- Ensure testing covers both positive & negative cases
- Bug tracking should include severity levels & reproduction steps
- Final sign-off required before deployment