**RhythmicTunes: Your Melodic Companion**

**User Acceptance Testing (UAT)**

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| --- | --- |
| Date | 11/03/2025 |
| Team ID | ID-155331 |
| Project Name | **RhythmicTunes: Your Melodic Companion** |
| Maximum Marks |  |

**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**

**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-001** | Music playback is lagging on slow networks | 1. Play a song on 3G network 2. Observe buffering issues | Medium | In Progress | Optimization required for low-speed connections |
| **BG-002** | UI overlaps on small screen devices | 1. Open app on iPhone SE 2. Observe overlapping UI | Low | Open | Adjust CSS for small screens |

**Sign-off**

**Tester Name:** S.Akash  
**Date:** 11/03/2025  
**Signature:**

**Notes**

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