**User Acceptance Testing (UAT) Template**

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| Date | 08 March 2025 |
| Team ID | SWTID1741247001152068 |
| Project Name | RhythmicTunes (Musicify) |
| 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 (Add, Remove song from playlist)**  
✅ **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:** [http://localhost:5173/]

**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 |
| **TC-002** | Music Playback (Play/Pause) | 1. Click on a song  2. Click Play/Pause button | Song should start/stop playing | [Actual Result] | Pass |
| **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 |
| **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 |

**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:**   
**Date:**   
**Signature:**