**User Acceptance Testing (UAT) Template**

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| --- | --- |
| Date | 10 March 2025 |
| Team ID | SWTID1741256813147528 |
| Project Name | Rhythmic Tunes |
| Maximum Marks |  |

### ****Project Overview****

* **Project Name:** Rhythmic Tunes
* **Project Description:** A React-based music streaming platform enabling users to search, play, and manage music through a third-party API. Key features include music discovery, seamless playback, playlist creation, and user profile management.
* **Project Version:** v1.0
* **Testing Period:** March 1, 2025 - March 6, 2025

### ****Testing Scope****

#### ****Features and Functionalities to be Tested****

✅ Music Search & Discovery  
✅ Smooth Audio Playback (Play, Pause, Skip)  
✅ Playlist Management (Create, Edit, Delete)  
✅ Profile Management (Update Profile, Change Password)  
✅ Streaming Performance & Quality Assessment  
✅ Responsive UI Testing Across Multiple Devices (Mobile, Tablet, Desktop)

#### ****User Stories or Requirements to be Tested****

User Registration & Secure Authentication  
 Searching & Viewing AI-Based Music Recommendations  
 Playing, Pausing, and Controlling Music Playback  
 Creating, Editing, and Managing Personalized Playlists  
 Updating and Customizing User Profile Information

### ****Testing Environment****

* **URL/Location:** [Enter Web URL]
* **Test 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 | Relevant songs should appear in search results. | [Actual Result] | [Pass/Fail] |
| **TC-002** | Music Playback (Play/Pause) | 1. Click on a song  2. Click Play/Pause button | The song should start or stop playing accordingly. | [Actual Result] | [Pass/Fail] |
| **TC-003** | Playlist Creation | 1. Navigate to Playlists 2. Click "Create New Playlist" 3. Enter Name & Save | The playlist should be successfully created and appear in the list. | [Actual Result] | [Pass/Fail] |
| **TC-004** | UI Responsiveness (Mobile) | 1. Open app on mobile device 2. Navigate through pages | The interface should be fully responsive and display correctly. | [Actual Result] | [Pass/Fail] |

**Bug Tracking**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to Reproduce** | **Severity** | **Status** | **Additional Feedback** |
| **BG-001** | Music playback experiences buffering on slow network connections. | 1. Play a song on a 3G network. 2. Observe playback delays. | Medium | In Progress | Optimization required for low-speed connections |
| **BG-002** | UI layout overlaps on smaller screens | 1. Open app on iPhone SE 2. Observe overlapping UI | Low | Open | Adjust CSS for small screens |

**Sign-off**

### ****Sign-off****

* **Tester Name:** K Vanishree
* **Date:** 08.03.2025
* **Signature:** vanishree.k

### ****Notes****

* Ensure testing includes both positive and negative scenarios.
* All bugs must be logged with severity levels and detailed reproduction steps.
* A final approval is required before deployment.