**User Acceptance Testing (UAT) Template**

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| Date | 08 March 2025 |
| Team ID | SWTID1741256970149949 |
| Project Name | Rhythmic Tunes |
| Maximum Marks |  |

**Project Overview:-**

**Project Name:** Rhythmic Tunes  
**Project Description:**

Rhythmic Tunes is an innovative music streaming platform that transforms every listening session into a meticulously orchestrated performance. By leveraging adaptive streaming technology and intelligent recommendation algorithms, it ensures high-quality, uninterrupted audio playback tailored to each user’s unique taste. The platform's sleek, user-friendly interface, coupled with robust security and cloud-based scalability, provides a seamless experience across all devices and network conditions. Additionally, social sharing features and personalized playlists foster a vibrant community of music enthusiasts, making every interaction a dynamic, engaging journey. In essence, Rhythmic Tunes harmonizes cutting-edge technology with artistic expression to deliver a captivating digital concert experience.

**Project Version:** v1.0

**Testing Scope:-**

**Features and Functionalities to be Tested**

· **User Registration & Authentication:**  
Verify secure sign-up, login, password reset, and multi-factor authentication processes.

· **Music Streaming & Playback:**  
Test adaptive bitrate streaming, buffering, seamless track transitions, and overall audio quality.

· **Playback Controls:**  
Ensure functionality for play, pause, skip, rewind, and volume adjustments. · **Personalized Recommendations:**  
Validate the accuracy and relevance of suggested tracks and artists based on user behavior.

· **Search Functionality:**  
Confirm that search queries return correct results for songs, artists, albums, and genres.

· **Playlist Creation & Management:**  
Test the creation, editing, deletion, and sharing of playlists across devices. · **Offline Mode & Downloading:**  
Verify downloading of tracks and playlists, and test smooth playback in offline scenarios.

· **Social Sharing & Interaction:**  
Assess the integration of social features, including sharing tracks, liking, commenting, and following.

· **Real-Time Notifications:**  
Test the delivery and display of notifications for updates, messages, and recommendations.

· **Performance & Scalability:**  
Evaluate load handling, response times, and system stability under various usage conditions.

· **Security & Data Protection:**  
Ensure robust encryption, secure data storage, and adherence to security best practices.

· **User Interface & Usability:**  
Validate consistent, intuitive, and responsive design across different platforms and devices.

· **Integration with External APIs:**  
Test the seamless functioning of third-party services and APIs (e.g., payment gateways, recommendation engines).

· **Analytics & Logging:**  
Verify that user actions and system performance are accurately monitored, logged, and reported.

**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**

**Test case :**

