User Acceptance Testing (UAT)

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| Date | 17th April 2025 |
| Team ID | SWTID1743512046 |
| Project Name | Tune Trail |
| Maximum Marks |  |

**Project Overview:**

**Project Name:** TuneTrail  
**Project Description:** TuneTrail is a MERN stack-based web application that allows users to discover and curate personalized music playlists. It offers features like user registration/login, music search by genre/mood/artist, playlist creation and sharing, curator profiles, follower system, and admin dashboard for platform oversight.  
**Project Version:** 1.0.0  
**Testing Period:** 16th April 2025 to 17th April 2025

**Testing Scope:**

**Features and Functionalities to be Tested:**

* User authentication for listeners and curators
* Music search with filtering by genre, mood, artist, and popularity
* Playlist creation and management
* Playlist sharing and following other curators
* User dashboard showing created and followed playlists
* Profile view/edit for users
* Admin dashboard for platform management

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

* As a listener, I want to register, log in, and create personalized playlists.
* As a curator, I want to share my playlists and gain followers.
* As a listener, I want to search for music by different criteria.
* As a user, I want to view and manage my profile.
* As an admin, I want to oversee users, curators, and playlists.

Test Cases:

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| Test Case ID | Test Scenario | Test Steps | Expected Result | Actual  Result | Pass/Fail |
| TC-001 | Listener Login | 1. Go to login page 2. Enter valid listener credentials 3. Click Login | Listener is redirected to the dashboard | As expected | Pass |
| TC-002 | Create Playlist | 1. Login as listener 2. Go to "Create Playlist" 3. Search and add songs 4. Name playlist & submit | Playlist successfully created and visible in dashboard | As expected | Pass |
| TC-003 | View Playlists | 1. Login as listener 2. Go to "My Playlists" page | List of all created playlists is shown | As expected | Pass |
| TC-004 | Share Playlist | 1. Login as curator 2. Go to "My Playlists" 3. Click share on a playlist | Playlist is marked as public and shareable link is provided | Share button not generating link | Fail |
| TC-005 | Add Song to Playlist | 1. Login as listener 2. Search for a song 3. Click "Add to Playlist" | Song is added to selected playlist | As expected | Pass |
| TC-006 | Filter songs by genre | 1. Go to Search page 2. Use genre dropdown | Only filtered songs are displayed | Filter showing incorrect results | Fai |