**Functional Requirements List - Final**

**Customer Functional Requirements:**

1. **User Authentication and Registration:**
   * The system MUST provide a user registration process.
   * The system MUST allow registered users to log in.
   * The system SHOULD provide a "Remember Me" option for user convenience during login.
2. **Password Reset:**
   * The system MUST allow user to reset their passwords securely.
   * Password reset emails MUST be sent to the customer's registered email address.
3. **User Profile Management:**
   * The system MUST enable users to create and update their profiles.
   * Users MUST be able to view and edit their personal information (e.g., name, address) in their profiles.
   * Users SHOULD be able to upload profile pictures.
4. **Music Discovery and Playback:**
   * Users MUST have access to a vast library of music content, including Artists, albums, and playlists.
   * Playback controls for playing music tracks, along with viewing additional details such as album artwork, SHOULD be provided.
5. **Playlist Creation and Management:**
   * Users MUST be able to create personalized playlists by adding tracks from the music library.
   * They MUST have the ability to edit, reorder, and delete playlists, with options for sharing with others.
6. **Social Interaction:**
   * Users SHOULD be able to like favorite artists, friends, and influencers to stay updated on their latest releases and activities.
   * Sharing music, playlists, and recommendations with friends through social media or within the MusicMix community SHOULD be facilitated.
7. **Personalized Recommendations:**
   * Users SHOULD receive personalized music recommendations based on listening history, preferences, and behavior.
   * Exploring curated playlists, trending tracks, and genre-based recommendations for discovering new music SHOULD be supported.
8. **Offline Playback:**
   * Users MUST have the capability to download music tracks, albums, or playlists for offline playback when the internet connection is not available.

**Admin Functional Requirements:**

1. **User Management:**
   * The system MUST allow administrators to create, edit, and delete user accounts.
   * User authentication logs and activity history MAY be accessible to administrators for security monitoring.
2. **Content Management:**
   * Administrators MUST be able to add, edit, or remove music content from the library, including tracks, albums, and playlists.
   * They MAY have the capability to modify metadata and artwork associated with music content.
3. **Support and Communication:**
   * The system MAY offer customer support tools for administrators to respond to user inquiries, feedback, and complaints.
   * Communication channels for announcements, updates, and service maintenance MAY be maintained by administrators.