

System vision document

Problem Description

Most existing music streaming platforms require users to pay for monthly subscriptions or tolerate frequent advertisements that interrupt playback. These limitations reduce user comfort and make the listening experience less enjoyable, especially for people who prefer free and uninterrupted access to music.

In addition, some streaming apps have complex interfaces that are not suitable for users who want a simple and direct experience. Many users simply want to open an app, search for a song, and listen instantly without distractions or unnecessary steps.

Therefore, there is a need for a system that allows users to **listen to songs freely, smoothly, and without interruptions**. The proposed system, **FreeBeats**, addresses this need by offering a clean, ad-free, and user-friendly music streaming experience designed for all music lovers who want simplicity and comfort.

System Capabilities

FreeBeats system will include the following main capabilities:

- Allow users to **search for songs** by name or artist.
- Provide **high-quality audio streaming** with no ads or subscription fees.
- Enable users to **create and manage playlists** (add, remove, rename, save).
- Offer a **Most Played Songs** list that automatically tracks popular tracks.
- Include a **Shuffle Mode** for random playback of songs.
- Maintain a **simple, clean, and intuitive interface** suitable for all users.
- Support **user registration and login** for personalized experiences.
- Ensure **fast performance and stability** even on low-end devices or slow connections.

Business Benefits

Enhance user satisfaction by providing a free, ad-free listening experience.

Attract a large audience of music lovers who prefer simplicity and accessibility.

Improve user engagement with playlist customization and personalized features.

Build a loyal user base, creating opportunities for future system expansion (e.g., analytics or partnerships).

Strengthen the brand image by offering a fast, lightweight, and user-friendly alternative to paid music platforms.

Encourage digital adoption by providing free access to legal, high-quality music streaming